EXOGENOUS HOMEOPATHY
a synergetic therapy:
the explanatory contribution of biophotonics
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Forword and Review by Fritz-Albert Popp & Harry Van Der Zee

final word and post-script by Aritia D. Poenaru & Ann M. Simard

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TRAIAN D. STĂNCIULESCU (Iași, ROMANIA) is graduated from the “Ion Mincu” Institute of Architecture (Bucharest) and from the Faculty of Philosophy-History (Iași), Philosophical Doctor (specialization: logic & semiotics). He is a currently full professor at the Department of Logic, Systematic Philosophy and Science of Communication, “Al. I. Cuza” University of Iași, where he teaches semiotics and hermeneutics, the philosophy of creation, etc. and coordinates doctoral papers in the field of semiotics and creatology. He is associated professor at AKAMAI University (USA). He is a senior scientific researcher (head of the Department of Synergetics & Biophotonics) at National Invents Institute, in Iași (Romania), the general manager of SC “Biophotonic Synergy Design” SRL. He is the President of AROSS (Romanian Association for Semiotic Studies), a Vice-president of ANATECOR (Romanian National Association for Complementary Therapies), a member of IASS-AIS (International Association for Semiotic Studies), IUAES (International Union for Anthropological and Ethnological Studies), ESSSAT (European Society for the Study of Science and Theology), ILA (International Light Association), AOSR (Romanian Academy of Scientists), F.R.C.P. – M.A. (Fellowship register of the Royal Complementary Practitioners of Sri-Lanka & Alma-Ata), Fellow of the International Communicology Institute (Illinois, USA). He has carried out professional specialization studies in Greece, Finland, Italy, Germany and Denmark, has published over 200 scientific studies and articles in Romanian and abroad publications and periodicals. He has participated in over 250 scientific national and international meetings and coordinated nine scientific grants. He has authored and co-authored 28 books, among them: A path of reason towards God? (1990); Life before Life? (1991); Myths of creation: semiotic lectures (1995); Performatmics: interference, synergy, confluence (1996); Treatise of creatology (1998, coordinator & co-author); Introduction to the philosophy of human creation (1999); Questions of philosophy (volume 1-2/2001); Metamorphoses of light (in cooperation): Biophotonics, a science of complexity (volume 1/2001); Introduction into the theory of “biological lasers” (volume 2/2001); Biophotonic bases of consciousness (volume 3/2002); Biophotonics fundamentals (2002); Therapy by light (2003); Semiotics of light (2003); Signs of light (2004); The Vital Force (2004); At the beginning it was the Sign (2004); The secret confessor (2004); From darkness to light (2005); Integral homeopathy (2005); Youniness without oldness (2005); The story of the “Flying Lyon” (2005); The “clothing of light” (2006); The fundamentals of value (2006); Semiotic of love (2007); Homo homini lupus? (2007); El poder de la luz (2007). Biophotonic clothing (2008). For his scientific activity, he has received the following awards: “Henri Coandă” Gold Medal, from the Romanian Society of Inventors (1996); Prize from the Romanian Academy (1997); The Honor Diploma of UNESCO (Romania, 2004); The medal of the Royal Academy for Complementary Therapies from Sri-Lanka (2004). The excellence diplomas and gold-medals for the invention brevets: Healthy synergetic clothing (2006); Alternative heating source (2007); Biophotonic resonator (2007); ECO-SANE architecture (2008); System for generating electricity from the EM terrestrial fields (2010); Procedure and EXOGENOUS HOMEOPATHY systems for protection against radioactivity and for biophotonic stimulation of human immunity (2011).
RECONSIDERATIONS AND CONFESSIONS

If we remember that we are HOLISTICALLY interconnected with each other by the virtue of a universal "soul of the world," as was truly amazing stated by the "primitive" animism, if we realize that the same LIVING LIGHT approaches all of us, people and environment, Cosmic Nature and Divine Nature, then we regain the power to conduct our CONNECTION ENERGY to the same unifying mission, namely: to recreate our outer living environment (bio-physical and artefactual) and the inner one (psycho-emotional and spiritual) so that to regain the dignity of being both – so suggestively defined by Carl Sagan – "bytes of star dust" and "bytes of the Gods".

1. HOMEOPATHY, FACE AND ALIKENESS...

Accepting this, our body made of "compressed light" becomes a "BIOPHOTONIC RESONATOR" which mediates through LOVE and COHERENCE this universal connection, a state in which infinity is projected over the macrocosmic world, in which the exterior is echoed in interior and vice versa, a vision in which the information-field penetrates the substance-energy to give it always other shapes or to bring it always to the memory of the one and the same:

INTEGRATING AND SYNERGETIC MATRIX.
HOMEOPATHY, the science of the image and likeness ... Paradoxically, I think that no one thought to name the HOMEOPATHY in this way... Although in the "analytical hermeneutics" terms - which for so long I tried to substantiate – I would say that:

- **HOMEO** means not only "alike", by reinterpreting the meaning of the homeopathy concept \( (homos / homoio = as / like) \), but also giving as reference the sacred syllable OM, HO (U) M, homo = man, the same, an earthly being;
- **PATHOS** does not mean only "suffering" or "experience", but also "emotion" or "passion".

However, in this sense, combining the etymological meanings of the two terms involved, I would say that through homeopathic therapy should be understood the "Image and Likeness", therapy that can heal the suffering by experimentally reliving the emotions / disease. An interpretation that points to a strong connection between homeopathy and the psycho-emotional states, including suffering or healing by reliving the emotion, including the highest enjoy, namely: THE BECOMING LOVE...

The same LOVE – connecting resonance – able to get out the COSMOS from a darkness lacked by time and spacial reality of the CHAOS. The LOVE OF GOD, itself... I this wouldn’t manifest, the world itself still would be in the ORIGINARY DUST.

Here is a homeopathic view, extended to the whole universe ... the principles of ESSENTIAL UNITY found in the spark of the moment of “now and here" living: the need to restore a harmonizing science based on energy- information and ON substance and field, the need of an INTEGRAL HOMEOPATHY, a way to self-healing and healing of others.

Through IMAGE AND LIKENESS...

Just for the benefit of such understanding was this book conceived, an understanding of the oppositions of science in the synergy of contrasts, in which the science of yesterday is to be recovered by the science of today; classical homeopathy - already conventional, of the internal vibration of the human body – to harmonically combine with another one unconventional, coming from outside of the human body.

For this approach of the "inside" with the "outside" of the human being, a boundary science should be conceived:
BIOPHOTONICS, the science of the "living light". By using it, I managed 10 years ago, to coherently explain the principles of Hahnemann’s homeopathy, the endogenous homeopathy; principles which were previously insufficiently understood. Still using it now, it is possible to practically assume the other image of homeopathy, the exogenous one, with which the resources of healing and harmonizing power of the human being have been indefinitely extended.

Because the time for coupling / combining the two alternatives has come now, I shall take advantage of the existence of my previous book: SIGNS OF LIGHT [2003]. A biophotonic approach to human (meta)physical fundamentals, a book containing – among other aspects – an explicitly understanding of homeopathy, into the terms of “living light” science. Synergetically…

2. A SYMBOLICAL THANKS

The book I have now just inaugurated, with these words, was gathered in one SINGLE DAY, through the combination - like in a puzzle game – of already existing pieces: editorial, articles and books, public conferences previously sustained, etc. Of high relevance were – for this English edition – the studies published / appearing in journals during this time in the homeopathy’s most prestigious magazines of the time: HOMEOPATHIC LINKS and HPTHY 4 EVERYONE, to all those who made this scientific contribution possible: to professor Fritz-Albert Popp, who – despite the years passed from our meeting in Neuss – is powerfully vibrating in my “biophotonic mind”, directing many of my “lightly connections”, to Harry Van Der Zee for generously signing a first review of my book, despite its unconventionality, to Christopher K. Johannes who opened me – by his unlimited friendship – the gates of the AKAMAI University where I had so much to learn, to David Cornberg for permanently refining, homeopathically, the parameters of my thinking, to Alan V. Schmukler and Neil D. Shere who were the editors read almost all the these pages, to Sanda Romo an and Isabel Lopez, who translated into a foreign language the meanings of my Romanian thinking, to Ann M. Simard, who recently joined us in the horizon of the "living light" with totally willingness to contribute to the reconfiguration of Energy-Information medicine through the mediating way of the homeopathy, and – as a crown of synergy – to Aritia D. Poenaru, without whom nothing should have been practically made in the design of the new homeopathy, from the “architecture of light” to harmonizing and healthy clothes, from the source of “living energy” till the Biophotonic Resonators, and, finally, to all the souls and minds of the world able to resonate with the footprint of this book, my: SPIRITUAL TRIBUTE, of LIGHT and LOVE…
A last confession: the book that includes the present pages supposed – for being technically redacted – the continuum effort of ONE DAY only\(^1\), a day but having a symbolic relevance, perhaps, for the entire DAYS OF MY LIFE.

Comprising them, from all points of view:
— as a pulsing HOLOGRAM describing all my deep (un)accomplished desires;
— as a creative BIT OF LIGHT, spread over the colours of my auric field;
— as a resonant SOUND wave, transmitting to me benefits of the universal knowledge...

All these, RAINBOW, in one archetypal LIFE-BOOK.

_Traian D. Stânciulescu_  
_Iasi, 11 mai 2011_

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\(^1\) This terrible rush was imposed by the necessity to finalize the book before the European Congress of Homeopathy in Riga, May, 2011. For the opportunity to present in the frame of this prestigious meeting my research on Exogenous Homeopathy, implicitly synthesized in the pages of the present book, I am quite grateful to Dr. Marina Afanasieva and her admirable team. For all the possible imperfections of the book, determined by the unusual conditions of work, which will be certainly overpassed in a second edition, the author apologize to all his potential readers.
FROM HOMEOPATHY OF LIGHT TO THE LIGHT OF HOMEOPATHY. 
AN OPENED REVIEW...

To present some emergent ideas concerning the therapy by “living light”, largely assumed in the frame of the actual scientific confrontation, represents the performance which – instead of abstract – the present chapter proposes, by:

• reproducing the opinion (a review and a foreword) of two eminent personalities in the field of homeopathy (Dr. Harry Van Der Zee, Holland) and of biophotonics (prof. Dr. Fritz-Albert Popp, Germany), concerning an original Romanian research in the field of human optimisation (by homeopathy implicitly);
• inserting a very original study concerning the potentiality of homeopathy to treat beyond space and time, transpersonally.

Starting from this point, bellow, the words of Harry Van Der Zee.

1. A COMPREHENSIVE REVIEW...

Perhaps the greatest strength of this book on such a specialized topic as biophotonics is that it is written by a very broadley developed scientific mind. Traian D. Stânciulescu is a graduated civil engineer, studied philosophy and history, is a doctor in philosophy with specialization in logic and semiotics, and as a full professor, teaches semiotics and hermeneutics, philosophy of creation and other topics at the University of Iaşi, Romania. He has authored and co-authored fourteen books. The more recent books focus more and more on the subject of light.

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What makes this book “Signs of Light” interesting to a homeopath is that the author states that the theory of biolasers discussed in depth in the book explains very simply why and how homeopathy works in the human body.

In the first pages of the book the author shows his personal involvement to the subject very openly. The “spiritualist” character of the introduction could make some people wonder, but, in discussing the subject, Traian does not allow his scientific mind to interfere with his beliefs. For years he has studied the subject, and his understanding of it forms the core of the book.
A recent crisis in his personal life has somehow embodied the subject to such an extent that his enthusiastic introduction is very understandable. This crisis is interesting for a homeopath as well. Traian fell ill with a serious acute pancreatitis that almost cost him his life. During this crisis he had a mystic experience during which he was able “to see” all the levels at which light manifests itself in the human body. I found it fascinating that some of the main remedies known for pancreatitis have so much to do with his subject, light. On the mineral level there is Phosphorus, the main element involved in biophotonics on a cellular level. From the plant kingdom Iris versicolor is mentioned. Iris is the goddess of the rainbow, and connects heaven and earth, the gods and mankind. And from the animal kingdom Spongea is present, the sponge that contains many halogens, another group of elements connected to light (e.g. fluorescence).

The book contains three parts.

**Part I** is called: “*The complex light; (bio)photons unconventional hypotheses*”. From a general discussion of light in all its physical and abstract aspects the author comes to the explanation of the “biological lasers” theory (ELT), already extensively developed in three volumes [Stânciulescu, Manu, *Light's Metamorphoses*, 2001-2002]. He describes how in the human body light is absorbed as well as transmitted on several levels and explains how each of these work:

- the semiconductor molecular “biological laser” system;
- the membranous “biological laser” system;
- the nuclear “biological laser” system;
- the cellular “biological laser” system;
- the organic “biological laser” system;
- the organismic “biological laser” system.

• **In part II** – “*The language of light: from nature to culture*” – he discusses the genesis of physical and biological systems and a DNA biophotonic model (genotype) in the genesis of the phenotype. In this way he describes an original holographic model of biogenesis and the central role that light and “biological lasers” play in this. The genesis of human knowledge and (verbal) language also become explainable in this chapter, as a consequence of some resonance mechanisms responsible for the “magic power” of signs.

• The last chapter, **part III** – “*Our «being of light»: hypostases of human optimal state*” – brings the subject in connection with homeopathy. This part can even be read like in a hologram, without reading the first two more technical chapters. Here he describes how
homeopathic remedies – “homeopathic bits of light” – can influence the homeostasis of the human body. The body appears as a hierarchical system with “energy-information (E-I) traps” on all the levels mentioned above (from molecular to organismic). “Understanding the releasing mechanisms of E-I resources represents the key to... homeopathic procedures....” “...for homeopathic therapies... we could talk about:

1. “Super-energizing by means of bio-electromagnetic fields (bioluminescence) by a super-radiance phenomenon ...” and:

2. “Super-radiance as biochemical, electrical and magnetic (field) phenomena by means of super-energizing mechanisms ...”

According to BLT, all physical processes are ultimately dependent on the optimum penetration of light (electromagnetic radiation) in the human organism ... and... the state of health / sickness is a function of the “coherent light” (auric field) of the human organism. Then the author continues with an explanation of the main homeopathic laws in the light of BLT. Here is one quotation: “The organism's «vital force» is represented by the bioluminescent field ... and ... is dependant on the organism's transparency against light responsible for the health or ill state of the organism”.

The fact that the author also connects the Vedic theory of chakras and the Chinese meridians with BLT makes his theory complete. When the hypotheses laid down in this work through further research turn out to be valid, the author's claim that the theory of “biological lasers” might become the basis for the medicine of the third millennium would be a fact: “...Biophotonics represents the scientific frame for an integrating future medicine, having homeopathy as a hard nucleus: the “medicine of energetic-informational fields”, the “medicine of the soul-body connection”. Finally, the clarifying perspective of biophotonics is coherently correlated with some other explanatory hypotheses, recently proposed by scientists.

Of course, there is much more for the interested reader in this fascinating book. In a second edition that I have not been able to read yet, a new chapter is added on Popp’s “coherence theory”. Professor Popp is the leading scientist in the field of biophotonics and I will end this review with his foreword to the second edition of “Signs of Light”.

By Dr. HARRY VAN DER ZEE²

² Dr. Harry Van Der Zee, MD, an architect and a physician specialized in homeopathy, is the Editorial Manager of HOMEOPATHIC LINKS, the author of many scientific studies in the field of homeopathy and the author of the successful book: MIASMS IN LABOUR [2001]. HOMEOPATHY FOR BIRTH TRAUMA [2007].
2. A MUCH MORE AS HONORABLE FOREWORD

The discovery of “mitogenetic rays” in the early twenties of the last century seems forgotten for a long time and marks only a curious interplay of science. However, already in the fifties one could assume that some renaissance would come up, and now, at the beginning of the new century it turns out more and more that light will become one of most important, if not the most essential, topic of our time. In particular, biological light, that is, “understanding life by light,” is evolving to at least the same field of importance as has happened with the discovery of the genetic code. The reason lies in the fact that the purely molecular base is far from being sufficient to understand the known and puzzling phenomena of life. Rather, it becomes evident that molecules are not able to regulate themselves but always need forces like electromagnetic radiation for their important functions in the living cells. The interactions of matter, forming the boundary conditions, and radiation, taking the role of the energetic leadership, are the “driving forces” of life. To see only one aspect is like looking at only one side of a coin. Consequently, “biophotonics” is opening an infinitely wide and basic new field of science.

Professor Traian D. Stânciulescu is one of the first pioneers who have had no problem inhaling immediately this new air of an upcoming scientific evolution. His interdisciplinary education in basic fields of science, his free and open attitude as a philosopher, but at the same time his boundary values of keeping his feet on the earth, have helped to create this necessary and very important basic book on “biophotonics”, the science of both “understanding” and influencing (improving) life by light. I will not go so far to call this book a “bible of biophotonics”. The time is not yet ripe for a standard work of that kind. But whoever will work on this discipline should use Traian D. Stânciulescu's “Signs of Light”, in order to get the right feeling for the breadth and depth of this field, to receive new ideas of practical applications in many respects, i.e. techniques, diagnostic approaches and therapeutic tools in the biology and medicine of future. Very exciting are, for instance, the ideas about biolasers and their possible realization in nature, e.g. the human eye.

However, also physical and philosophical approaches grow new roots in this book. Some of them may represent the origins of brilliant new scientific stems and branches in the rather fruitful and fast development of this field.

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3 This “FOREWORD”, integrally reproduced by Harry van der Zee in his review, was signed by Professor Dr. Fritz-Albert Popp (Germany), being inserted in the second edition of “SIGNS OF LIGHT” [Stânciulescu, 2003: 5-6].
Not to forget one of the most essential properties! Biophotonics of this kind does not only enrich the financial possibilities, but also the soul of its investigators. It invites evolutionary development and thinking about the optimization of energy and information, always in cooperative and coherent attitudes. It stimulates the expansion of our consciousness in the frequent trials of understanding the identity of “Atman” and “Brahman”...

by Professor Dr. FRITZ-ALBERT POPP

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4 Professor Dr. Fritz-Albert Popp is born in 1938 in Frankfurt/Main, Germany. He received Diploma in Experimental Physics in 1966 at the University of Würzburg, received the Röntgen-Prize of the University Würzburg, and his PH.D. in Theoretical Physics in 1969 at the University of Mainz. He delivered his Habilitation in Biophysics and Medicine in 1973 at the University of Marburg, received nomination as Professor by the Senate of the University Marburg. He has received several nominations as Lecturer, Research Fellow, Visiting Professor, or Honorary Professor at Universities in Germany, USA, India, and China. He is an Invited Member of the New York Academy of Sciences, member of the International Consciousness Research Laboratory (ICRL) at Princeton University, President of the Worms Academy of Reformative Medicine, Honorary President of the Center of Documentation of Natural Healing (ZDN), Vice President of the International Institute of Biophysics in Neuss (Germany), and member of the Executive Board of the Center for Frontier Sciences at Temple University (Philadelphia). He has supervised approximately 30 diploma works and dissertations in physics, biology and medicine, and written approximately 150 publications on basic questions of theoretical physics, biology, complementary medicine and biophotons.
To my TEACHERS in (re)cognizing the «LIVING LIGHT», unlimited gratitude and love.
Part 1

BYTES OF LIGHT

Towards a biophotonic explanation of homeopathy

- Homeopathy and biophotonics: a (meta)physical approach to the «Life Principle»
- The homeopathic mechanism: explanatory connections of biophotonics
Chapter 1
HOMEOPATHY AND BIOPHOTONICS:
A (META)PHYSICAL APPROACH TO THE «LIFE PRINCIPLE»

The purpose of the present chapter is to define a «(meta)physics» of health, illness and therapy, by connecting the homeopathic theory and practice with the very recent contributions of biophotonics. Starting from the principles and laws of the homeopathic practices, the chapter attempts to cast them in the explanatory, rigorous terms of the new “science of light”. Such an explanatory perspective could represent the necessary condition that homeopathy needs to become entirely scientific.

1.1. THE VITAL FORCE,
BETWEEN ARCHAIC INTUITION AND SCIENTIFIC REASON

The spectacular empirical results, offered by the practice of complementary / unconventional medicine, notwithstanding a unitary explanatory and coherent theory regarding the mechanisms, which make these results possible, has yet to be issued. In spite of all the incontestable progress of scientific knowledge, we still find ourselves in situations, which make us describe them as ‘magical’ or ‘para-normal’, ‘para-physical’ or ‘para-psychoical’ and so on.

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5 For giving me the chance to write and publish the present study, I am deeply grateful to: dr. FELICIA MARUSEAC (Romania), who stimulated my first connection between biophotonics and homeopathy; to dr. HARRY VAN DER ZEE (Holland), who credited my scientific work, by signing an honorable review in HOMEOPATHIC LINKS and by offering me the editorial contact which makes possible the publication of the present paper; to dr. DAVID CORNBERG (Taiwan), who constantly read my manuscripts, making profitable scientific suggestions and giving the most expressive linguistic form to my English texts. Thank you so much, my dear friends.

6 By sustaining such an intention, the present paper develops in a more applicative way the theoretical perspective proposed in my very recent book: Signs of light: a biophotonic approach to human (meta)physical fundamentals [Stânciulescu, 2003b: 220-252]. The main assertions of the paper are predominantly qualitative, “metaphysically” (intuitively) correlating the strong assertions of homeopathy and biophotonics. But, each of such intuitive connections is based on a “physically” / scientifically sustained research (over ten years of applied studies were developed in the frame of the National Invents Institute, Iasi) and extensively presented in the 1000 pages of our three Romanian volumes, entitled: “Light’s Metamorphoses” [Stânciulescu, Manu, 2001; 2003], on the one hand, and in the therapeutic applications of biophotonics [Stânciulescu, 2003a], on the other hand.
Most of the successes in complementary (non-allopathic) therapies, among which homeopathy is the most important. Homeopathic practice regards the integrative and global nature of the human being. For homeopathy, not only is the physical body responsible for the ups and downs of one’s health, but also, in an equal manner, is the spirit (mind, intellect) as well as the soul (emotion, affection). Thus, an intuitive human attitude whose roots are lost in illo tempore, which is just starting to be adequately understood and explained, is the preservation of the unity / equilibrium of body and soul and spirit, in order to maintain one’s health unaltered.

The real problem does not consist in observing and issuing statements on the existence of this relationship, which has already become a truism, but accounting for and validating it within the analytical instruments of scientific discourse. For, as George Vithoulkas mentions: ‘The research, the in-depth study of mind and human body revealed extremely interesting aspects connected to the human being’s structure: unfortunately, the researchers didn’t realized the basic principles of medicine and health which have always existed as eternal truths’ [1999: 7]. On the other hand, as Ioan Teleianu noticed, referring to the specific processes in homeopathic treatment: ‘The intimate mechanism which, unfortunately, is not able to satisfy our whole need to understand any biological mechanism remains inexplicable’ [1993: 13]. This is the very shortcoming of homeopathy, which doesn’t mean that its laws would be less scientific than in other domains recognized by the ‘academic’ allopathic medicine. For, the best part of homeopathy cannot be argued away, as Anton Jayasuriya states: ‘There is no material explanation up to this moment of the way in which these homeopathic remedies work which is accepted by everyone, although there are many medical proofs that homeopathic remedies have really cured patients. Yet, the humoral descriptions don’t have scientific validity. The Vital Force phenomenon, the central thesis concerned with explaining health and illness, is a metaphysical explanation that doesn’t fit with controlled trials in simulated experiences’ [1997: 34].

Fortunately, after two centuries of “tacit” (without scientific explanation) functioning from its official birth, initiated by Hahneman, we can connect today the very old intuition of homeopathic medicine and the very recent scientific contributions of biophotonics in order to put together ‘physics’ (natural sciences) and ‘metaphysics’ (humanistic sciences, philosophy and religion especially), one the one hand, for understanding our archetypal roots [Stănciulescu, 2003b], on the other hand. These two connections now permit a rational explanation and a practical control of our own states of consciousness and of our harmonious states of health: physical (biological), emotional (psychical) and intellectual (logical).
A new integrative ‘science of light’, of the invisible reality defined by the ‘energetic-informational (EI) fields’ hierarchy – having BIOPHOTONICS (a very new science connecting biology and theory / technology of lasers)\(^7\) as a first level – will assume the dignity of opening the human being towards the understanding of his / her own becoming.

1.2. OUR ‘BEING OF LIGHT’: INTERDISCIPLINARY CONNECTIONS TO HOMEOPATHY

A human being is not only metaphorically speaking a ‘being of light’. We could justify this statement with a complex of correlated arguments. We would begin with the intuitive practices of ‘magic medicine’ (including, first, the old homeopathic practices) and continue to the scientific contributions of (bio)physics and (bio)chemistry, botany and zoology.) We would then add to these the contributions of various medical sciences (allopathic and complementary) and of biotechnology (having biophotonics as an integrative perspective), as well as to the fields of human sciences, such as philosophy, psychology, semiotics, etc.

In the context of the present study we don't intend to note all these kinds of arguments, because such a target would be impossible in a limited discursive space. But we are obliged to mention some of the most relevant of them, to justify the idea that the ‘Vital Force’, the ‘field of life’, or the ‘life principle’, postulated by homeopathy has an objective existence, as a bio(psycho)field resonating inside and outside the human body too, able to be activated / stimulated both by:

— endogenous homeopathic remedies, introduced in the interior of the human body, as classical homeopathy still proceeds;

— exogenous homeopathic remedies, by using their resonant “life field” for curing the body from its exterior.

Each of the practical or theoretical arguments that we take into consideration could be suggestively connected to a certain aspect of homeopathic practices [see also: Stânciulescu, 2003 b,c; 2004b].

\(^7\) The principles of this discipline, having professor dr. Fritz-Albert Popp (Germany) as the first promoter, completed by the theoretical contribution of the (Bio)hotonic Theory of Energy-Information [Constantinescu, Stânciulescu. 1993-1995] and of the “Bbiological Lasers” Theory [Stânciulescu, Manu, 1995-2002]– which assumed biophotonics as the science of generating, stocking and emitting biophotons / bioluminescence at the level of all the living systems, in their quality of ‘biological lasers’ – will be largely presented into our next chapters.
1.2.1. The intuitive / practical models of the human being’s energetic-informational (EI) structure have been proposed from *illo tempore*, namely:

- **Magical thinking** – by its ‘animistic vision’ – considered that everything in this world is implicitly connected by the resonance of a very special (universal) ‘soul’. The Kirlian effect or electronography, using electrical procedures for amplifying the living bodies’ emission of light and for impressing photosensitive paper, could prove the certitude that we are ‘full of light’, that ‘light-traps’ of energy and information are present everywhere in living bodies (cells, tissues, organs, organism). It is enough to see the electronographies of a drop of water, of a leaf or of a human finger) [cf. Guja, 1993: fig. 22, 11, 20], to understand that the archaic intuition was amazingly true. In its different states, the ‘complex light’[^8] is present everywhere in the world, unifying every form / thing of the (living) world by a ‘holographic resonance’. It is exactly this ‘soul’ and this ‘resonance’ that are activated by a high potency homeopathic remedy, that permits a potency to keep the memory (information / field) of a certain substantial substratum (minerals, plants, animal products) and to transmit it to a human being through the correlated homeopathic remedy.

![Electronography examples](https://via.placeholder.com/150)

**The electronographic emission of light of a:**

- a) drop of water; b) leaf; c) human finger.

[^8]: As we have mentioned in another context [Stânciulescu, 2003b: 14], we have only metaphorically used the concept or “LIGHT” as an archetype of human EI metamorphoses. Usually, by saying “light”, we have in mind only the visible spectrum of the electromagnetic waves. That is why we have proposed the syntagm of “COMPLEX LIGHT” for defining / covering all the possible states of electromagnetic radiation, already known (such as invisible microwaves, IR, UV, gamma, X ray, etc.), not enough known (such as bioelectromagnetic radiation / aura emitted by living systems) or unknown (such as “universal living field” or the “divine hierarchies” mentioned by Dionysius Pseudo-Areopagitus) to standard science.
Mythical and esoteric thinking proposed many names for the ‘cosmic energy’ – the Polynesian ‘mana’, the Indian ‘prana’ and Chinese ‘qi’, the Egyptian ‘chu’ and ‘ba’, the Latin ‘anima mundi’ and ‘pneuma’, the transcendental ‘Universal Field’ etc. In all cases, it was considered the infinite reservoir of human energetic life resources - in terms of a wonderful modern hermeneutics. For example: The ‘Universal Field’ gives rise to the fundamental force and matter fields, which then generate the DNA molecule – the material expression of the Unified Field, which creates and governs the flow of biological intelligence in all the various levels of physiological organization [Nader, 1995: 2].

From the biophotonics perspective, we have already postulated that such a ‘universal energy’ could represent the synergy of the universal bioluminescent / bioplasmatic field emitted by the ‘living substance’ present everywhere in the world [Stânciulescu, 2003b: 111]. Consequently, this energy is both: Determined by the human complex activity (physical, psychical and mental) and floating through different ‘nets’ (micro-biostructures) [Macovschi, 1969] – such as nadis / meridians, nervous system – inside the human organism. Penetrating inside the human body, by using different natural or stimulated procedures, beginning with sleeping and finishing with spiritual procedures (meditation, praying, etc.) or with technical ones (acupuncture, for example).

Homeopathic remediation could contribute to optimizing the interference relationship between the ‘universal field’ and the ‘individual field’, between ‘Brahman’ and ‘Atman’. For example, the good therapeutic results, obtained by connecting a homeopathic high potency / remedy and an acupuncture intervention proves – among other effects – that a certain resonance can be holographically established between the two types of radiation. The ‘point’ (homeopathic remedy) and the ‘universe’ (the energetic potential of the living world) are connected due to their resonance just as the ‘individual soul’ is connected to the ‘universal soul’ of the world.

Religious conception of the human body, soul, and spiritual unity could be assumed – in biophotonic terms – as a relationship between the levels of the ‘light fields’ generated by our biological / physiological activity [Oldfield, Coghill, 1997: 223], by our emotional states and by our mental involvement [Guja, 1993: fig. 35b, 1a, d]. Such a relationship will be used by homeopathic therapy

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9 An exhaustive synthesis of all these, which tries to define this “X energy”, from mythical conceptions to scientific ones, belongs to Marco Bischof [2002].
[Vithoulkas, 1999: 65-66], acting at the complementary levels of the human being predominantly by: substantial (biochemical), energetic (electric and magnetic), and informational (photonic) effects.

The bio-psycho-logical human bioluminescence: (a) the auric field of a human healthy and ill cell; b) elderly individual with Alzheimer’s disease (demential): higher density and intensity of streamers, specific to the old age, together with right / left asymmetry and extended inversions; c) electronographic image of the pineal-pituitary complex (the ‘third eye’), responsible for the super-sensorial activity of the brain.

It is exactly this complementarity of the effects that biophotonics involves. At the same time, we could appreciate that, by administering a ‘unique remedy’, the homeopath acts firstly – by the resonance of this remedy’s waves – at the level of a ‘fundamental wave’ (defined by the harmony of the whole human personality, as an integrative complex: body, soul, spirit). Secondly, if necessary, some other ‘harmonic’ remedies will be available for optimizing some particular malfunctions of the physical and psychical activity respectively.

Unconventional (complementary) therapeutic practices, beginning with ‘magic medicine’ activating different types of ‘symbolical therapies’ (such as incantation, prayer, etc.) and finishing with modern bioenergetical practices (such as reiki, radiant technique, etc.) and homeopathy, have also described (by the clear-vision of certain super-sensorial persons), the presence of the seven ‘bodies of light’ belonging to the human being [cf. Brennan, 1993: 53]. Such intuitions can now be objectively interpreted by a high computational technology as well.

We may consider the presence of different levels of energy-information of the human body as intuitive evidence that, when adjusted to a specific level of frequency belonging to the human aura, to organ or chakras, to tissues or to cells, etc., each type of potency will have its properly differentiated effects, for its resonant level.
The human body aura: a) the ‘auric ovoid’ and its seven levels: an intuitive representation; b) the auric emission of a human subject taken with a normal camera and belonging to a person in a very excited intellectual state; a computational analysis of the ‘human aura’ photograph above presented, clearly suggested the presence of the seven energy-information (EI) levels and their strong determination by a spiritual (mental / logical) activity\(^{10}\).

These specific remedies (corresponding to the different ‘harmonic waves’ of the body, soul, spirit, states of health / illness) must be in specific resonance with the fundamental frequency of the unique remedy which homeopathic practices prescribe.

1.2.2. From a scientific (experimental and theoretical) perspective, let’s remember in the present context that:

- **Classical research by A.G. Gurvich, on the one hand, and by Denis Gabor, G. Protti, A.J. Ferguson and Otto Rahn, Harold Burr, Colli, Facchini and Rossi, T.I. Quickenden**, on the other hand, has proved the presence of a ‘mito-genetic low radiation’. This is an ‘ultra-weak luminescence’ (bio-field) generated at the level of all living cells, a bioluminescence included in the spectrum of visible and ultraviolet radiation able to generate a specific random of cells’ structure [cf. Lipkind, 1992: 475]. The ‘Vital Force’ was associated by A.G. Gurvich with a specific ‘DPM’ (*Dynamic Preformed Morph*), a ‘vital pattern’ responsible for the human body morphogenesis respectively.

\(^{10}\) This photograph was taken 15 years ago, during the first International Conference for Complementary Therapies, November 6-8, 1996, Arad, Romania.
Explained in the terms of biophotonics, to make active this ‘morphogenetic pattern’ implies the effect of an invisible bio-field manifested in the UV spectrum of the electromagnetic scale, due to the quantum anti-Stokes rule and to the modulation in frequency generated by the optical activity of the cellular (liquid crystal) membranes\textsuperscript{11}.

According to biophotonics, the very well organized structure of the cellular tissue is determined by the coherent pattern of a bioluminescent (UV) field: a) the polarization of the cellular axes determined by DPM; b) the influence of DPM upon the distribution of a cellular stratum: phases A and B.

- Recent research by W. Sedlak and W. Nagl, R. Dobrin a.o., but especially by Fritz-Albert Popp and his collaborators, has demonstrated the constant presence of a cellular emission of biophotons beginning from a few biophotons to some hundreds of biophotons / cm\textsuperscript{2}, as an ultra-weakly delayed bioluminescence (including the level of DNA). This coherent emission of bioluminescence (having the characteristics of a ‘bio-laser’ emission) was demonstrated by using high technology and methodology, such as a photomultiplier, that is able to determine the Poissonian Photocount Statistics of a

\textsuperscript{11} These mechanisms, detailed in our books [Stânciulescu, Manu, 2001a,b], explain “light’s metamorphoses” inside the human organism, determined by: (a) the antiStokes effect, supposing that at the level of the nonlinear systems (such as organic liquid crystals and different types of phosphates), the light / photons in the visible spectrum are absorbed and then (re)emitted, after being stimulated with infrared (IR) photons, according to the rule: $\nu_{\text{emitted}} = \nu_{\text{visible}} + \nu_{\text{infrared}}$; (b) the doubling of the electromagnetic waves frequency passing through the membranous liquid crystal. The two mentioned effects having the consequence of a “modulation in frequency” of the visible electromagnetic waves inside the human body, specifically, their deviation towards invisible UV radiation. This invisible radiation could be identified with the “vital force” of homeopathy.
‘biophoton emission’ and the hyperbolic-like relaxation of ‘delayed luminescence’ by analyzing the ‘biophoton emission’ and the ‘delayed luminescence’ characteristic of each biological system [Popp a.o., 1994]. Such evidence could make understandable the nature of the bioluminescent emission (biofield) of living systems, first, and the resonant effects generated by homeopathic remedies at the level of this field, second.

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\lambda = 676^{10} \text{ nm}
\]

The measurement of the bioluminescence rate after an exposure in red light lighting can be approximated through hyperbolic diminishing low, while an exponential diminish (the punctuated line) can not be spotlighted.

- The emission of biophotons generated at the level of biological systems (such as plants) and the experimental ‘communication / resonance’ between plants and human beings represents a phenomenon that was demonstrated by Cleve Backster at the level of a unifying ‘Life field’ (L-field) [Burr, 1972].

A historical experiment\(^{12}\), recently realized, is more than relevant for this topic. The experiment proved that after a normal (spontaneous) emission of bioluminescence, a sample of lichen stimulated by human hands increased evidently the quantity of emitted biophotons [Ștănciulescu, 2003a: 259-269]. It seems clear that it is the ‘Vital Force’ as bioluminescent field of the human body that stimulated such an effect\(^{13}\).

\(^{12}\) This experiment was realized using the statistic photo-counter technology of the International Institute of Biophysics, Neuss (Germany), in cooperation with the biophysicist Prof. Dr. Rajendra Bajpai (India), on August 30, 2003.

\(^{13}\) A very important detail, known only by me, is that all during the stimulation (5 minutes, from about 10 cm distance) I focused my mind positively towards the sample of lichen, by “loving” it and by “asking” to sensibly increase its “vital force”. Throughout this process, I had in mind the presence of the “universal field of energy-information”,

A ‘delayed luminescence’ of daigremontianum bryofillum leaf at \(\lambda = 676^{10} \text{ nm}\). The measurement of the bioluminescence rate after an exposure in red light lighting can be approximated through hyperbolic diminishing low, while an exponential diminish (the punctuated line) can not be spotlighted.
A biophotonic stimulation of a lichen sample: a) the spectral variation of the biophoton emission before and after biostimulation. b) the variation of the number of biophotons before and after being energized

Such an interdependence relationship between human and plant bioluminescence has a twofold importance for homeopathic therapy:

a) to know that the presence of the therapist can influence the state of the patient in a certain way;

b) to avoid interference between the human biofield and the remedy’s wave information.

- **Theoretical and experimental research by S.J. Singer, A. Guyton, Mae Won Ho, et al.**, has taken into account the presence of liquid crystal and their optical properties (determined by their transparency) at the level of cell membranes [Stănciulescu, Manu, 2001b: 129]. To prove the objectivity of such a transparency it is necessary to understand many homeopathic therapeutic aspects [Stănciulescu, 2003b: 53-57]. The state of health or illness of the human organism depends on the transparence degree of the membranous liquid crystals: if this transparence is normal, the organism will be healthy, if not it will be ill. By their resonating undulatory (photonic) effect or by their biochemical reactions, the remedies could implicitly stimulate the process of transparency, (by contributing to the arrangement of the liquid crystal on the membranous surface) or inhibit it, (in the case of microbes, for example, which must be destroyed). Due to the transparency of the membranous liquid crystal, the specific wave of the remedies can be distributed inside the whole organism, penetration to the DNA level included, by generating adequate resonance phenomena.

praying for my “transformation” into a good “channel” for it, as happened in some other situations too [see figure 2b]. As a conclusion in the context of our homeopathic topic, it is essential to know that – as therapists or as patients too – first we must optimize our state of consciousness, our soul and state of mind, to obtain the body’s best answer.
The presence of the liquid crystals - at the level of the substantial sample generating a potency - is able to explain why the potency must be strongly agitated. In this way, the piezoelectric properties of the (organic liquid) micro-crystals present in the substance or / and dilution liquid will determine by the generated pressure the liberation of substance’s energetic-informational reserves (of electrons and photons). These will be homogenously diffused and indefinitely kept in the ‘substantial’ and ‘field memory’ of the dilution, first, as transmitted to the substratum of the final remedy, and second, as transmitted to the substantial vibrators (liquid crystals) or/and to the bioluminescent field of lactose.

The biophotonic model of the membranous liquid crystals, generating: (a) the transparency–reflection, refraction and birefringence towards light; (b) the light polarized dispersion; (c) the rotatory magnetic dispersion (c). These properties could originally explain the informational-energetic genesis of DNA helicoidal structure.

The piezoelectric mechanism of transforming electromagnetic oscillations to mechanical vibrations and vice versa, at the level of biological systems (such as DNA, RNA, ATP, phospholipids of the cellular membranes, etc.), is sustained by the contributions of actual science [Coetzee, 2003: 2-3]. The ultra-thin crystals, such as the magnetite crystals present in the human brain especially or / and in the extra-cellular fluids, or the membranous liquid crystals, become piezoelectric oscillators, sensible to different light (electromagnetic) commands. Briefly, the (cerebral) mechanism is the following:

- The energetic-informational stimuli belonging to the exterior / interior (bio)fields determine – at the brain’s level first – the ions release, that induce currents to the surrounding coiled dendrites.
• The micro-amperage magnetic field that results as a consequence stimulates the different types of crystals, by producing a circular, polarized and coherent ‘light pulse’. This pulse – the bioluminescent ‘Vital Force’, specifically – travels throughout the whole body, by changing the orientation of every molecule and atom within the body, and by restructuring the forms of the cells, of the organs, etc.

We could conclude that the piezoelectric mechanism – always involved in the homeopathic mechanism – accomplishes the interface between the energetic-informational fields and the substantial substratum of the human body.

Based on the piezoelectric phenomenon of the (liquid) crystals present everywhere inside the human body, many other unconventional therapeutic practices – magneto-therapy or electro-acupuncture, polarized light or laser emission, chromo-therapy, electro-crystalline therapy or sound-therapy – can be explained. These therapeutic practices – including homeopathy – in turn empirically demonstrate the interference established between the bioluminescent field of the body/organ/cell tissue and the different induced type of stimuli: cosmic, telluric, biological, technological, etc.

We can invoke a very important consequence for the human health. According to our calculations [Stănciulescu, Manu, 2001a: 222-223], the energetic resources of the organism, necessary for metabolism, are much more than the daily 7.000 cal received by alimentation. Consequently, the human body must use other sources of energy / information to harmoniously sustain its ‘Vital Force’, namely: light, vibrations and sounds, tastes and miasmas, etc. are translated at the level of the membranous systems of human receptors into electrons (energy) and photons (information). Intuitively, the affirmation of professor F.A. Popp [2003] that ‘light is our food’ and that it is possible for certain persons to effectively use only light (cosmic energy) for survival is now understandable [Jasmuheen, 2003].

1.2.3. All the above-mentioned properties of living systems were demonstrated by using some very special high technologies:

a) Electron microscopy is able to validate empirically some very relevant aspects of our physical structural and functional particularities, concerning the patterns of energetic-informational circuits within the body or the properties of the ‘structured (organic) water’. This last technology, developed by the Japanese Masaru Emoto [2001], has
clearly shown the structuring or non-structuring effects of different types of stimuli – bio-physical and psycho-logical, or homeopathic remedies – upon the ‘memory of the organic water’\textsuperscript{14}. It is enough to follow two relevant photos in order to understand some very important aspects correlated to homeopathy:

— water represents about 70\% of our organism; consequently, its (non)structured configuration is determinative for human body states of health or illness;

— positive states of consciousness determine a general structured state of organic / ‘linked’ water of the human body, which will favor any process of healing;

— therapeutic properties of a remedy depend on the structure of the water-solution used for diluting the remedy.

\textit{The images of the water-crystals determined by the words / thoughts: ‘Thank you’; b) ‘You make me seek. I will kill you’ [Emoto, 2001:]}

It is very important to understand now that, ‘the energy or vibrations of the environment will change the molecular shape of water. In this sense, water not only has the ability to visually reflect the environment, but also molecularly to reflect the environment’ [\textit{Sharp}, 2003: 2]. The possibility of structuring organic water by mental states of consciousness implies that it is very important to have a good attitude (optimistic, positive) about a particular (homeopathic) treatment. Positive mental thinking will better structure the whole biological water of the body, which will prepare it to assimilate the good

\textsuperscript{14} This technology supposes the following steps: a) the structuring of water by the influence of certain stimuli; b) the freezing of a water drop in a special cold-chamber; c) the use of electron microscopy to photograph the resulting ice-crystals.
information/energy of a certain (homeopathic) remedy. The hypothesis formulated by Hahneman that the remediative substance imprints its ‘memory’, ‘energy signature’ or ‘life force’ onto the lactose or alcohol (water) solvent, that is released when taken by a patient, could be now sustained with scientific arguments. Trying to formulate a rational answer to the exciting question: ‘How could a homeopathic remedy have any effect when there is nothing in it but water?’ Roger Taylor [2003: 20-21] uses very recent scientific research (belonging to quantum physics) concerning the ‘memory of water’. According to these discoveries, water retains the memory of energies and substances with which it has had contact, so that a mass of water behaves in some ways like a quantum whole.

The work of Jacques Benveniste proves that homeopathic information can be transferred by an electric or and magnetic procedure from a succussioned solution to another one, containing only water. Similarly, Cyril Smith potentised different quantities of water with different electromagnetic frequencies, proving by convergent strategies that the human being is resonating with the induced and memorized frequency.

* * *

From all these experiments, it clearly results that living systems are able not only to receive the memorized information of the water, but to transmit their information to the water as well. The ‘Vital Force’ is responsible for such a performance. In the same vein, due to this interference, it is commonly forbidden that a patient, or some other person, touch a certain remedy. This precaution avoids a possible interference of waves that could modify the original information of the remedy.

- The theory and technology of lasers (photonics), the basis of the first ‘holographic’ effects, represents the mechanism of brain functionality (suggested by Karl Pribram) in the role of the pituitary/pineal complex as a very sensitive organ (the symbolic ‘third eye’) for the influence of the ‘(bio)light field’, etc. As we have already argued [Stănciulescu, 2003b: 151-157], this is the cerebral organ most sensitive to (bio)electromagnetic field stimulation, and able to receive and to transform such stimuli into adequate subconscious commands. This process can explain many ‘parapsychical’ phenomena, beginning with
revelation and telepathy and finishing with miraculous vindication.

The mechanism of holography has already been recognized as present in homeopathic practices. For example, as Anton Jayasuriya asserts that ‘the relationship between the homeopathic remedy and its vehicle (the substantial support of water, alcohol or protein, etc.) with the human organism supposes some holographic laser mechanisms’ [1997: 100], able to transmit patterns directly to the implied substantial support.

In fact, according to our knowledge, the decisive direct / technological experiment, which proves that our memory is also present in the auric field of the body, still has not been realized. But, other indirect (empirical) proofs could stand for such an experiment. It is known, for example, that the abyssal memory of a dying person actualizes in few seconds the details of the whole lifespan. In certain stress conditions we instantaneously find good solutions / answers to a life and death problem (an extremely dangerous situation, for example), from otherwise ignored cognitive patterns etc.

In the same manner, and supported by the Fourier spectrum of the human aura, our body probably maintains the major pattern of our health state, which the body seems to ‘forget’ when an illness becomes active. That is why, by introducing a homeopathic remedy into the deep memory of the organism, we introduce in fact a ‘holographic bit of information’, the ‘informational matrix’ containing the program of the organism’s right functionality.

High level (bio)photronics and optical technology, based on lasers and holographic technology, offers both:

(a) An exemplary analogous model for understanding the high coherence level of the living systems’ bioluminescent emission [Popp a.o., 1992], for clarifying the holographic functioning of the brain [Pribram, 1971], of the verbal language genesis, etc.

(b) The adequate instrumentation to create technical models for computational / digital analyses (by means of special computer software) of biological field data, recorded by video-camera, UV and IR phototechnologies etc.), and to make visible the different bio-psycho-logical states of the human being etc.; such analyses could highlight the invisible effects of a homeopathic therapy, for example, after its administration [Slawinski, 2003].

In this frame, we could mention two types of stimulating technologies, such as:

— the medical laser radiation, the polarized light of the Zepter-technology, chromo-therapy, sound-therapy (cymatics developed by Dr. Peter Guy Manners) or the electro-crystalline therapy of Harry Oldfield, etc., using some artificial emission of light (waves) to amplify the
energetic + informational activity of the human organism;
— the new therapeutic Rife Technology, based on pulsed plasma energy transfer, realized by Jimmie L. Holman, able to cure very severe diseases, such as cancer is;
— the orgonic / radionic technologies realized by Wilhelm Reich, Thomas Tesla, Robert Pavlita, Karl Hans Welz a.o., that are able to preserve and release the natural radiation of the ‘cosmic field’ in some technological accumulators.

All these technologies, used as sources of artificial or natural EI, can influence the state of the ‘life field’, that is, of the human aura, by resonance, because, as we have already observed, the (human) bioluminescence has all the properties of the ‘cosmic EI field’. Consequently, they empirically demonstrate the interference established between the bioluminescent field of the body/organ/cell tissue and the induced stimuli of the ‘complex light’.

Synthetically speaking, we could consider that all the above-mentioned theories and their possible connections with homeopathy represent the intuitive support that is necessary for homeopathy to postulate the existence of the “vital force”. At the same time, on the other hand, therapeutic practices sustain “physically” (and empirically) the old “metaphysical” intuitions of humankind.

*  *

In conclusion, we could assert that, on the one hand, all the above mentioned objective research constitutes very strong experimental arguments favorable to biophotonics / “biological lasers” theory’s major hypotheses: the presence of bioluminescence as an amplified and stimulated emission of radiation, the role of liquid crystal in the optical activity of living systems, the structural and functional characteristics of some hierarchical systems of "biological lasers", etc. On the other hand, the above-mentioned arguments justify the idea that the light – in all its “created hypostases” (generated by the integrative “Uncreated Light” of the Divinity) – plays an essential role in the bio-psycho-spiritual life of the human being.
Chapter 2
THE HOMEOPATHIC MECHANISMS: EXPLANATORY CONNECTIONS OF BIOPHOTONICS

From the perspective of biophotonics, the science of the “living light” (bioluminescence) which all the biological systems emit, the chapter presents two original theories concerning the human body functionality and structure: the (Bio)photonic Theory of Energy-Information and the “Biological Lasers” Theory. Already experimentally verified, these emergent theories are able to explain rationally the nature and the action of the “vital force” and implicitly of the homeopathic mechanisms, both assumed as an endogenous or an exogenous one. Consequently, by the clarifying contributions of biophotonics, homeopathy could get a decisive support for becoming entirely scientific.

If Hahnemann’s contribution to the foundation of HOMEOPATHY has celebrated, not very long time ago, its 200 years, the science of the “living light” – which BIOPHOTONICS is – just accomplished its 30 years. This science of the (bio)luminescent (energy-information) fields – still unconventional, but plenary opened towards future – was founded by a group of German bio-physicists, coordinated by Professor Dr. Fritz-Albert Popp. By using a very special technology (a photo-multiplier and a photo-counter), the German researchers have clearly demonstrated that living systems are emitting biophotons (photons with modified physical properties: speed, frequency, etc.) and implicitly that these emissions have some similar properties as technical lasers. In this respect, from the triple viewpoint of biology, technology and biotechnology, we could assert that biophotonics is connected to [cf. Stânciulescu, 2003b: 257]:

— the generation, stocking and transmission of bio-photons at the level of living systems;
— the effects of using photonic (lasers) technology in biology and medicine (homeopathy implicitly);
— the processes of light amplified and stimulated emission of radiation of living systems, analogically compared with technical laser systems for explaining the effects of exterior natural / artificial energy-information fields upon the structure and functionality of biological systems.¹⁵

¹⁵ As a science predominantly associated with the biological activity of the body, “bio-photonics” – as the implicit science of “vital force” – could be the basic step for elaborating a future “psycho-photonics” (of “psi waves” of life) and of a transcendent “noesi-photonics” (of the “super-consciousness” levels).
The present study\textsuperscript{16} presents only some of the major postulates of biophotonics’ theories, by correlating them with some more of less known aspects of the homeopathic mechanisms. In this way, the therapists (homeopaths) could found out the virtues of a new emergent science, able to offer an integrative explanatory frame to the very special medical practice, belonging both to the past and future times, which homeopathy is.

In other terms, the very old holistic principle of the ancient Greeks (which was learnt, as Platon recognizes in his dialog Charmides, from Zalmoxis’ thraco-getians physicians) – to cure first the “soul” (the energetic-informational body, the human “vital force” respectively) and after that only the physical body – will be recuperated in the frame of the quantum / energo-informational / synergic / integrated medicine, which implicitly homeopathy is.

2.1. THE MAJOR POSTULATES OF BIOPHOTONICS

The first integrative explanatory theory concerning this already known bioluminescent emission, namely the “coherence theory” (CT), supposes that the fully coherent fields of biophotons emitted in two different situations (with identical spectral distributions), could be “responsible for intra- and intercellular communication and regulation of biological functions such as biochemical activities, cell growth and differentiation” [Popp, a.o., 2001: 98-99]. It is exactly this coherence that characterizes the homeopathic “life force” too. Consequently, according to CT, we could postulate that a certain homeopathic potency carries the same functional and structural regulation property at the level of a living system, by transmitting it coherently and cvasi-instantaneously at the level of the whole organism, or, contrary, by focusing it (by a special resonance / tropism) at the level of a specific receptor (organ, for example) only.

Based on these general hypotheses, which we have extensively analyzed in our book SIGNS OF LIGHT [Stânciulescu, 2003], some emergent scientific theories concerning the nature and the effects of (bio)electromagnetic fields have been proposed by two other emergent theories: the (bio)photon theory of energy-information (PTEI) and the “biological lasers” theory (BPL).

\textsuperscript{16} The first part of the article was already published in: HOMEOPATHIC LINKS [Stânciulescu, 2004: 248-256].
2.1.1. The “(Bio)Photonic Theory of Energy-Information”

This theory (BTEI) [Constantinescu, Stânciulescu, 1993; Stânciulescu, Constantinescu, 1995] explains how it is possible to influence the corpuscle / body states endogenously acting on the afferent energetic-information field (auric body), by mechanisms of holographic resonance. The regulatory role mentioned above becomes entirely understandable by means of the interference of the remedy’s emission of waves and the “auric field” of the receptor’s biological system.

Synthetically, as presented in the recent book already mentioned [Stânciulescu, 2010: 297-299], I should note that – by means of physical-mathematical instruments and in connection with homeopathic principles and mechanisms – BTEI postulates:

1. The equality of the wave phases and of the substantial vibrator’s receptor / receiver, therefore their resonance / coherence is a necessary and sufficient condition for guiding the substantial vibrator by the coherent wave on an electric (geodesic) and mutual line;
2. The (elementary) energy quanta $E = \hbar \omega$, intuitively associated to the electromagnetic wave’s electric component, and the information quantum $I = ik\omega$, associated to the magnetic component, may be considered as generating (through resonance) the electromagnetic field’s quanta (bio-photons), having the speed of light;
3. The super-luminous speed $v \geq c$; specific to the information quanta can be correlated to virtual photons (tachyonic type) which leads to a hypothesis of a Universe built on frequency ranked levels.

This universal model of the “holographic resonant universe”, based on the physical phenomena of modulation / interference and coherent interaction, of a “pars pro toto” reproductive memory\(^\text{17}\), is also manifested between any two structural components upon which the existence of the human being builds its activity:

\(^{10}\) A hologram is characterized by two attributes: a) it is a virtual coherent complex of wave, generated only by the interference of two lasers, which are reproducing in this way all the details / forms of a certain object; b) it supposes an informational connection between the parts and the wholeness, each part / element reproducing the attributes of the whole system. Such an understanding was possible only by using the biophotonics’ postulates, involving the presence of the “natural lasers”, physical or biological ones.
1. **The Fourier code**, through which the “auric biofield” (“matrix of light” / “vital force”) – a fundamental wave and many subordinated harmonics namely – may be mathematically described, as a complex of invisible *bio-electromagnetic holograms*, able to conserve quasi-active the “abyssal memory” of any (human) system.

This energe-informational “organizing pattern”, as an “individual consciousness” etc., has a central role in determining by resonance the individual’s bio-psyhical health or illness, still being ignored by the academic science, even though it is possible to detect visually through Kirlian technology.

2. **The informational codes** (the holograms’ content) generated by the “substantial / energetic vibrators” of the biological structures are explained by (b)TPEI through the role played by the organism liquids (blood, lymph, linked water) and by the organic “liquid crystals” everywhere present in human body (cells, organs, interstitial tissues etc.) as an active support of the “biological memory”, able to receive messages from “auric biofield” memory of the body and to assume them as commands (resonant holograms) for an adequate (re)organization of the *substantial biological structures*. It is exactly the therapeutic mechanism of the “VITAL FORCE” of homeopathy.

3. **The double quality of light** – corpuscular and wave undulating, electric and magnetic – can be described through the contributions of relativistic and quantum physics, by associating it predominantly with an energetic and informational quantity. The duality of corpuscle and wave – similar to that of the “body” and "soul" (connected by the “Vital Force”), responsible for the healthy state of human being – can be visualized now by means of different (bio) photonic technologies as seen in: spectroscopy, electro(no)graph–cameras for electron diffraction, etc.\(^\text{18}\).

\[\text{\textbullet} \quad \text{\textbullet} \quad \text{\textbullet}\]

Using such technologies, it is possible to put in evidence the complex matrix of colored light / waves and the forms of the strimers / rays which are vibrating around the body of a certain substantial corpuscle.

\(^{18}\) Many of the presented photos in this paper have already published in other circumstances. But, because they are enough rare, first, because they are able to sustain the many new ideas of the paper, second, I decided to use them once again, quite profitable for the original approach of the present study.
Electrographic images of the physical systems. Biophotonic plots of different types of corpuscle-wave describing the physical systems: a) atmosphere powder; b) graphite plate; c) water droplet [Guja, 2001].

The electrographies of two punctual biological systems: a, b) frontal and lateral images of an electro-dermal active point [see Dumitrescu, Constantin, 1977: 118];

The electrography of few more complex biosystems: a) plant’s leaf (geranium); b) insect (dragonfly); c) human hand; d) human skin [Guja, 2001].
All these situations correspond to different types of energy-information "traps". Just look at the images above to understand at once how the modern technology validates – with different point out strategies – that, on one hand, any object in the world emits a certain amount of energy-information (aura) in the surroundings, which allows – in this way — the manifestation of unconventional “magical” interactions, our ancestors used to talk about. On the other hand, having this quality – by virtue of the quantum coupling forces [Constantinescu, Stânciulescu, 1993] – each substantial particle / system becomes a simple or complex information / matrix wave trap.

This is the intuitive pathway on which – beginning from the primitive MANA – later was developed the more refined version of the ancient Chinese, Indians, Egyptians, etc. who postulated the existence of the life force qi / chi, prana, bha etc., capable to put into correspondence the human body with the cosmic energy itself, the vital force / energy with a strong therapeutic value, predominantly evaluated by the homeopathic medicine [Stânciulescu, 2006b].

*  *  *

Proof that homeopathy efficiently uses the presence of information micro-traps, that the remedy represents, is featured in the pictures below.

**Alternative methods of representing homeopathic remedies:**

Generally speaking, the above mentioned processes are able to generate and sustain what the specialists are calling the “holographic universe” [Talbot, 2006], supposing the mechanism of the “Matrix of Light”, the “Living Matrix”, etc. [Stânciulescu, 2007]. Such a model is supposing the presence of a Universal Force, resonating after the same unifying principle, in order to determine the Essential Unity of human, macro- and microcosmic scale of the universe, the same structure-form and functionality-genesis, etc. Taking in consideration that, “what is up is down too”, as Hermes Trismegist already said.

Particularly speaking, this is the same type of coding mechanism able to:

a) Conserve the “field memory” of any type of system (chemo-physical, biological, psycho-mental) characterizing the states of the personal particle / substantial body; for example, the 7 levels of human body, well known from old times by the initiated peoples, are conserving holographically the information generated by the metabolic activity and bio-psychical states of the afferent 7 major complex of organs and endocrine glands;

b) Register and reproduce holographically the information of a certain system with which a certain particle was in a stronger contact, playing the role of a magnetic band, of a CD or as restorative “disket system”, etc.

In this way, it becomes possible to explain how a substantial support of any type of remedy, a drop of lactose for instance, is able to receive the whole complex of information (holography) of a certain materia medica, only by its simple introduction inside the water where it was diluted and supposed to succussion, taking in consideration the memory properties which water has.

Relevant arguments for sustaining such a mechanism were formulated by Dr. Christopher K. Johannes, who developed the hypothesis that: “Interaction between the non-energetic information process and the energetic fields is proposed to be an essential feature of homeopathic potentization and therapeutic action” [2006] 19. This hypothesis – able to clarify the nature and genesis of the “Light Matrix”,

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12 I am very grateful to my friend Christopher K. Johannes, who – after reading my papers on homeopathy published in HOMEOPATHY 4 EVERYONE – introduced me into the academic community of the international AKAMAI UNIVERSITY, a very generous spiritual and scientific frame, where I had the chance to meet a lot of special peoples and to sustain my course on: “Therapy by light. Biophotonic fundamentals of complementary medicine”.

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holographically comprising all the world’s systems – can at the same time implicitly clarify the functional principles of homeopathy.

Particularly, we could conclude that even the homeopathic remedies are working in this way, by transmitting holographically to the human body systems the optimizing information-wave of the curative source (homeopathic remedies) to the body resonators (blood, water, membranous liquid crystal structures etc.), directly – in the case of “endogenous homeopathy” – or indirectly, in the case of “exogenous homeopathy”, which the present study tries to explain.

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Mutatis mutandis, connecting this idea with homeopathy, we could assert that each homeopathic remedy supposes a dual structure:

1) The information specific to the original materia medica (frequencies, amplitudes, intensities or morphogenetic form etc.) generated by different type of its dilutions, conserved and transmitted through the mediation of the memory of water;

2) The physical support of the lactose, for example, a neutral / simple one from a chemo-physical point of view, but able to take and to sustain the information received from the diluted original source.

Paying attention to these aspects, the general mechanism of holographic resonance is figured in the above presented schema.

*  

The general mechanisms of the “holographic resonance”: the homeopathic healing by exogenous transfer of information
According to this mechanism, the waves of the emitting source (a remedy, for example), namely the "informational hologram" of the emitter, specifically interacts with the waves of the receptor (cell, organ etc.), by modulating its own vibratory state and by remodeling / remembering / normalizing the receptor’s functionality and form (of the membranous liquid crystal structure).

- Consequently, by using the BTEI into the field of homeopathy, it is possible to rationally understand:
  a) The transfer of the “undulatory information” (holographically preserved in the biofield, through Fourier type spectra) on the substantial vibratiles of a certain (bio)physical support (membranous liquid crystal, for example), respecting – through a mechanism of “holographic resonance”, of homeomorphic reproduction of the remedy information – the properties of the induced field;
  b) How the bio-field (as an “informational matrix”, as homeopathic remedies could be predominantly considered) represents the cause of the possible (re)disposition / reordering energetically of the body substratum structures. In this context, we need to remember that the information is predominantly conserved in field, and energy in substance. So it is not the energy of the remedy able to move / determining movements at the level of human organism, but the body’s own energy activated by the information of the remedy.

There is a series of aspects related to the “magic” of complementary therapies that becomes very clear now by mechanism of BTEI, namely: the mechanism of informational transfer by generating forms (to inform = to pun in form), the regeneration of the tissues / organs under the effect of one’s own mental configurations; the information transfer from one human subject to another (starting from telepathy to distal therapy) [Stânciulescu, 2010, 2011b]; the phenomena of bio-energizing, and of stimulation by means of “magic” objects; etc. Even some types of homeopathic remedies are working in this way, by transmitting to the human body systems (organs, for example) the curative information-waves from an exterior source to the body’s systems 20, determining an *exogenous homeopathic mechanism* namely.

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13 We could find here the idea of a transpersonal homeopathy, formulated by Harry van der Zee (2004), able to transfer the necessary information of a certain remedy from the exterior of the human body. It is exactly this idea which lead me to the hypothesis of exogenous homeopathy, which will essentially explaining the Biophotonic Resonator principle of acting. A similar idea is present in the FRACTAL HOMEOPATHY developed by Dr. Mohamed Haddad, who selected 5 plants, having very high frequency, which were dynamized in vide and informated with yin-yang polarity [http://www.amessi.org/-Dr-Mohamed-HADDAD-Biophysicien].
The genesis of the “archetypal form of light”: (a) the “virtual El ovoid” (EM “lines of force”) present between the two poles of a magnet and its interaction with: (b) water’s molecules; (b) iron powder; (d) organic matter (cellular cytoplasm)

In synthesis, it is possible to say that the above mentioned mechanism of resonance is connected to the paradigm of a holographic reality / universe, as many other researchers have already postulated. But all these theories are facing a substantive defect: that of not being tried and / or able to explain the “hardware” aspects of the holographic phenomenon, the existence, in the true sense of the word, of a physical-technical and / or biological system capable of performing a technical function to generate laser type radiation, which is the only one capable of generating the holographic phenomena.

It is precisely such necessity which is answered – in a complementary manner – by the biophotonic Theory of the “Biological Lasers”.
2.1.2. The “biological lasers” theory

This integrative and emergent explanatory construction — “Biological Lasers” Theory (BLT) [cf. Stănciulescu, Manu, 1995-2001] — clarifies the determinative (genetic) relationships between the human “corpuscle” (physical body) and its associated “wave” (bioluminescent / auric body), manifested in the invisible electromagnetic (EM) spectrum. The major topic of this theory concerns light interference with living matter, presented from the perspective of biophotonics, being founded on two basic hypotheses:\(^{21}\):

- **due to its double quality, both energetic and informational, light (the EM field) plays a crucial role in the structural and functional organization of the living matter;**
- **the mechanism that can explain this involvement is the light amplification by stimulated emission of (bio)radiation (namely a “biological laser” type process).**

From the perspective of biophotonics, two structural-functional systems are responsible for the *optical activity of the living organism* that generates bioluminescence as a “biological laser” phenomenon. These two systems are:

- **the molecular system of a semi-conductor type phosphate – linked water – molecular oxygen**, which realizes the phenomenon of bioluminescence that is the stimulated and amplified emission of light which penetrates biological structures (according to the anti-Stokes rule in non-linear optics);
- **the organic structures with liquid crystal properties** (such as phospholipids are) present in cellular membranes and in cytoplasm too, able to transmit step by step, through birefringence, polarization, selective reflection and rotary magnetic dispersion, the properties of the (bio)laser-type emission: coherence, monochromaticity, directionality and intensity of light.

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\(^{21}\) These major hypotheses and some others derivated were already experimentally validated, during our research stage (prof. dr. Traian D. Stănciulescu and dr. Daniela M. Manu) at Neuss (Germany), where we have been invited by Professor Dr. Fritz-Albert Popp for participating at the Summer School of International Institute of Biophysics and implicitly for working in the laboratories of the institute. The partial results of our research were presented in [Stănciulescu, 2003; 2005; Manu, 2005].
The omnipresence of these systems at the structural level of living bodies – human, but also animal and vegetal – permitted us an ample argumentation of the major hypothesis of BLT [Stănciulescu, Manu, 1995], namely:

- on the one hand, the correlated actions of the molecular semiconductor "biological-laser" and of the organic structures with liquid crystal properties allow to argue that the molecules, membranes, cell nuclei, cells, organs and the whole organism are functioning like some "biological laser" systems, both linked and included, by generating a complex of correlated biochemical, electrical, magnetic and photonic (BEMPh) phenomena;
- on the one hand, it is possible to argue that all these systems present evident structural analogies to the technical laser optic resonator, active substance, optical pumping source of light, cooling system, electromagnetic director field, etc. On the other hand, the functionality of these biological complexes generates a bioluminescent phenomenon, having all the already mentioned properties of a "natural laser" emission.

A very schematic presentation of the six type of "biological lasers" specific to the human body, is absolutely necessary in the present frame too, for suggesting the exceptional explanatory force of biophotonics, in general, for its possible application in the field of homeopathic therapy, in particular22.

(1) The semiconductor molecular “biological laser” system. According to the “biological laser” theory (BLT), this system generates an *ultra-weak emission of bioluminescence* (fluorescence or phosphorescence) at the level of the molecular complex *phosphate – linked water – molecular oxygen*23 (*PWO*), taking into consideration our demonstration (involving the mechanisms of quantum physics and of non-linear optics) that:

- the luminous radiation emission of the living systems is not a spontaneous emission process (as phosphorescence is considered to be), but a process of the amplified and stimulated luminous radiation, i.e., a “biological laser” emission type just as the technical laser emission is;

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22 In the limited frame of the present article, we could only assert some of the hypotheses ample justified in the second volume [Stănciulescu, Manu, 2001: 74-264] of our “Light’s Metamorphoses” trilogy.

23 The figures reproduced from the above mentioned book [Stănciulescu, Manu, 2001] concerning the structure of BLs were drawn by dr. Daniela M. Manu.
• a “π” type meta-stable electron of the phosphorus atom within in the phosphate group (as a biological non-linear medium) is responsible for generating and maintaining the process of light (photons) absorption and amplified emission of biophotonic radiation24.

![Schematic representation of L→PWO molecular complex: functional (a) and structural (b)](image)

The schematic / intuitive representation of L→PWO molecular complex: functional (a) and structural (b)

The BTL model is concerning the absorption / emission process of stimulated and amplified light radiation at the level of the molecular semiconductor system, namely: the role of the metastable “π” electron of phosphate in laser emission process (according to the nonlinear optics). The complex phosphate – linked water – molecular oxygen is essentially involved in the unitary genesis of all the living systems (plants, animals, humans), by representing the active substance of all the types of “biological lasers”, able to mediate the metamorphosis of the “natural / artificial light” into “living light” (mana, prana, ki), respectively into the “vital force” which homeopathy implicitly uses. Or, in a certain way, to generate this bio-luminescence (aura) means for human being “to be alive”, on the one hand, and to be healthy, if the “active substance” is in a good state of functionality, on the other hand25.

24 The quantum mechanism characterizing the role of PWO system – as an active substance for different type or “biological lasers” is too complex for being presented here. It was extensively developed in our book BIOPHOTONIC FUNDAMENTALS [Ştânciulescu, Manu, 2002], still waiting for an English translation.

25 Consequently, as F.A. Popp a.o. demonstrated (1992), the bioluminescence phenomenon appears to be a “delayed luminescence”, wherein the greater the density, the force of emission and the frequency of the incident light, the longer the duration. In a certain way, each homeopathic remedy could be considered as being a quantum energy-information (EI) trap, a source of “delayed luminescence”, able to interact with human body’s aura emission.
In synthesis, PWO system realizes the phenomenon of bioluminescence that is the stimulated and amplified emission of light which penetrates biological structures, being deviated to UV (according to the anti-Stokes rule in non-linear optics). This molecular system, whose functionality supposes some quantum phenomena extensively presented in the above mentioned papers, is very important for representing:

a) The defining attribute of life, namely the capacity of the living organism to transform / metamorphose the physical light into “living light”, having “biolaser” properties;

b) The unifying complex of all the biological systems (vegetal, animal, human), on the one hand, unifying the human being and the cosmic world, structurally and functionally both\textsuperscript{26}, on the other hand;

c) The active substance necessary for the functionality of all types of “biological lasers”, manifested at the level of the complex biological systems.

In the field of homeopathy, it is possible to assert hypothetically that different frequencies of the (bio)light-information emitted by the remedies, will be assumed by the PWO complex and transformed into the “living light” / biophotonic emission of biophotons, able to normalize the human health state.

\begin{itemize}
\item[(2)] The membranous “biological laser” system. The organic structures with liquid crystal properties, such as phospholipids, generally present in cell’s membranes and in cytoplasm too, which are able to transmit step by step (from cell to cell, for example), through an ignored optical function of the biological system (birefringence, polarization, selective reflection and rotary magnetic dispersion), the properties of the (bio)laser-type emission: coherence, monochromaticity, directionality and intensity of light. In this way, it is possible to explain how the light / (bio)photons fluxes – emitted by natural or artificial lighting sources, starting from sun, are homeopathic remedies – penetrating inside the cellular nucleus and implicitly DNA, influencing it and being delivered when necessary.
\end{itemize}

\textsuperscript{15} From the structural point of view this complex comprises the four cosmogonic forces, namely: the land – phosphorus, the bound water, the molecular oxygen, the air, light-fire. From the functional point of view the biofield generated by living systems, known under many names, beginning with prana, mana, ki, etc., or the vital energy / force will interact in the universe to generate the “VITAL FORCE” of the Cosmos. Perhaps the “5th Force” [Apopei, 2003], the 5th element: the ETHER itself.....
This type of “biological laser” is structured or constructed of semiconductor “molecular lasers” in combination with thermic-tropic type liquid crystals. It can be found in all cellular membranes as well as in organelles such as chloroplasts and mitochondria. This system has all the liquid crystal features, such as: optic reflection and refraction, birefringence and rotatory magnetic dispersion, diamagnetic memory properties, piezoelectricity, etc.

As a consequence of the piezoelectric effect, for example, the ordered liquid crystals in cellular membranes can transform any energetic-informational stimulus – photonic, caloric, mechanic, sonorous, tactile, pressure, olfactory, etc. – in electrons and biophotons fluxes. Such a feature is very important for explaining two phenomena:

• the possibility of unitary analysis of a great number of types of information / energies by the brain by means of bringing it to a common denominator, namely biophotonic emission (bioluminescence) and electric currency; on the one hand, this is a indirect channel which permits to the brain to analyze the information of a certain remedy and to decide the adequate reaction / command (the delivery of certain stimulatory or inhibitory hormones, such as serotonine or melatonine are, for example);

• the substantial support of the memory (at the level of cellular membrane, especially) that assume the fixation of information and various types of energy upon the biochemical structures of the liquid crystals oriented / fixed on the membranous support in a specific way; on the other hand, at this level acts the homeopathic remedy too, by influencing the configuration of the membranous liquid crystals of a certain cell / tissue / organ, respectively by “remembering” their normal (healthy) organization through the pattern of the (bio)electromagnetic information / frequency of the remedy.

The classical “mosaic model” of cellular membrane [Singer, 1972] (a) and the BLT model of membranous liquid crystal structure, explanatory for:
b) the optical properties (light’s refraction inside the cellular body); c) the memory phenomena: the orientation of the liquid crystals in the membranous field (surface) due to the properties of the incident stimuli (remedy’s vibration, for example), accorded to the oscillation mode of the (monochromatic) light.

On the membranous level, the biochemical, electric, magnetic and biophotonic (BEMPh) effects initiated by the presence of a luminous stimulus are responsible for the following categories of processes, not enough known by standard medical sciences: the energo-informational genesis of the helicoidal and dextrogyrate DNA structure, the photo-lysis of cellular membranes, the generation of the organic polymers network, the formation of reserves of molecular compounds (energy / information traps), the apparition of the membranous black-holes assuring the cells’ nutrition, the generation of the electric potential of repose and of action and the “solenoidal” characteristics of the cell, the photonic (auric) effects connected to cells: thermic, plasmatic, holographic, etc.

All these type of processes could be benefic influenced / stimulated through the information carried by a homeopathic stimuli, information able to optimize the functionality of the liquid crystals (membranous and cytoplasmatic): their transparency against light respectively. The same effect of a “biological / natural laser” (emission of coherent light) is generated by the homeopathic remedy, due to:

→ the organic (liquid) crystals present at the level of certain remedy (in the case of small potencies, usually), able to influence / stimulate the optical functions of the membranous “biological laser” systems (the optimal refraction and reflection of the cellular membranes, for example);

→ the vibratory properties of the remedies, able to stimulate the delivery of a flux of electrons and (bio)photons at the level of the human organism EI traps.

The membranous / cytoplasm liquid crystals of the nuclei / cells have structural and functional properties, necessary for accomplishing some essential properties of the human metabolism, such as:

● The piezoelectric effect, able to generate electrons (energy) and implicitly photons (information), when the liquid crystal is subjected to different pressure effects, starting from the strong mechanical ones to the very gentle ones generated by the biophotons / fluxes resonance;

27 If this property is essentially affected by opacity (determined by a higher 44°C temperature, for example), the organism dies, being not able to generate and transmt bioluminescence inside the body.
The memory effect, generated by the fact that the informational properties of the stimuli intercepted in the liquid crystals are stored / saved through:

a) The informational effects (the form effects of the substrate, that kind put in evidence by Masaru Emoto) on the cells’ surface membrane, on one hand, perceiving different categories of intensity, orientation, direction stimuli etc., on the liquid crystals in blood, plasma, the bound water in the body, on the other hand;

b) The holographic effects (retrieval effects of the whole), which influence the form of the organic membrane liquid crystals, on one hand, and the structure of the water, natural or organic, involved in homeopathy, on the other hand.

The sensitive of the water at psycho-emotional states [Emoto, 2001]: a) water drop frozen, structured through the state of meditation and prayer: a) unstructured image of the water from the water of the lake Fujiwara, Tokyo, b) Image of the same water, structured, after a collective prayer was enchanted by a group of priests.

In the same eloquent manner behaves the water – the physical or, implicitly the water inside the human body – in states of informational recovery, prophylactic or therapeutic optimization. This category of research which denotes that water is sensitive to both physical and biopsychological fields should be strengthened by the explanations formulated from the perspective of biophotonics, namely by those specific to the exogenous homeopathy through:

— the interaction of the waves with the physical-chemical / substantial energetic properties of the water molecules capable of “memorizing”, which the experts have already put in evidence studying the properties of the water, in general, as Arani, Bono, del Giudice and others did [1995] – or by customizing them to the homeopathic treatments, such as Jaques Benveniste [1999];
— the structuring / information mechanisms (as well as those already pointed out by Masaru Emoto) capable of organizing the water clusters in coherent, harmonic structures, susceptible to be transferred through the resonance of the water, plasma, blood inside the human body, respectively to the liquid crystals present everywhere in the membranes and cytoplasm of the cells.

Such interactions, frequency (energetic) modulations and in amplitude (informational), for instance, which can be explained in terms of nonlinear optics- can be detected through the specific changes which are induced by the stimuli of a BR at the level of the water subjected to be treated.

Use of a homeopathic stimulus (a Biophotonic Resonator BR6 type\textsuperscript{28}, with red and yellow filter) for the induction of energy changes at the water level inside a bottle, evidenced with special photographic lenses and processing of images by means of a suitable computational program: a) processed image of a bottle filled with water and of the related field, b) the same image after 30 minutes of stimulation; c) frequency spectra of the normal water, d) frequency spectra resulted after treatment.

\textsuperscript{28} This type of homeopathic devise will be extensively described in the second part of our book, accorded to main principle of Exogenous Homeopathy, namely: the biophotonic stimulation of human system, from its outside.
As results of the experiment, we can observe:
— a poignant intensity of the blue-green specter, namely the diminishing of the violet red specter (b);
— an alteration of the frequency specter, with dominants in the green-red specter at first, in the blue-green one afterwards (d), which means a more equilibrated water structure, which achieves functions of improved *vishuda-anahata* chakras activity.

This experiment suggests the possibility of optimizing adequate structure of the various types of liquids with the help of exogenous homeopathy stimuli, such as Biophotonic Resonators. According BLT, due to their optical properties, the liquid crystal structures are transforming the human body into a system transparent against (bio)light, a huge “macro-crystal” able to transfer the bioluminescence from cell to cell, as a VITAL FORCE, permanently increased… This can function as a measure of physical health since when this transparency is affected by different malfunctional causes, human health will be affected.

* The omnipresence of the two systems above mentioned at the structural level of living bodies (human, but also animal and vegetal) – the molecular complex phosphate, bound water, molecular oxygen and the liquid crystal structures – permitted us to formulate the major hypothesis of BLT [Stânciulescu, Manu, 1995], namely:
  ● The correlated actions of the molecular semiconductor "biological-laser" and of the organic structures with liquid crystal properties permits the argument that the molecules, membranes, cell nuclei, cells, organs and the whole organism are functioning like some “biological laser” systems, both linked and included; all these systems present evident structural analogies to the technical laser optic resonator, active substance, optical pumping source of light, cooling system, electromagnetic director field, etc.;
  ● The functionality of the six types of “biolasers” specific to the human body, previously described in our mentioned books, was further connected with all the principles and laws of homeopathy, suggesting the exceptional explanatory force of biophotonics, in general, its application in the field of exogenous homeopathic mechanism, in particular [Stânciulescu, 2006];
  ● The energetic and informational accumulation permitted by the presence of light / bioluminescence inside the body and the energy-o-informational discharges which happen in light’s absence, respectively, define two essential cycles which maintain vital processes in a dynamic equilibrium: “daily cycle” (of light) and “nightly cycle” (of darkness);
The hierarchical and interacted functionality of these biological mechanisms – a complex of Biochemical, Electric and Magnetic (BEMPh) phenomena namely – is generating a synergic bioluminescent / biophotonic auric emission, having all the mentioned properties of a natural “biolaser” emission and generating at each specific level of the organism some thermic, plasmatic and, especially, holographic effects.

In synthesis, by recapitulating, we should say that the structural elements already described — the PWO system and the liquid crystal one – are present at vegetal, animal and human systems too, on the one hand, that they a characterizing all the types of more complex types of “biological lasers” (nuclear, cellular, organic, organismic), which summary we will present further.

**(3) The nuclear “biological laser” system.** This system – structurally formed by some other types of liquid crystals (such as are the liothrope crystals RNA, DNA, TPA, etc., found in nucleus-plasma, mitochondrion and organelles) – is responsible for some essential phenomena, namely:
— the incidental light self-focusing and self-filamentation in the nucleus, which can lead to the change of a large fascicle into a bigger powered narrow one, a mechanism analogous to that used in laser technique; this is one of the mechanism which led some researchers (Popp, Gu, Li) to consider DNA as a “bio-laser”;
— the storage of a large number of biophotons in the nuclear DNA and mitochondrion medium, which can get stuck between DNA's catenae (as the most profound light-information trap) for an indefinite period of time;
— the initiation of the specific electromagnetic effects inside organelles as division of genetic material in the nucleus, in mitochondria and the cell itself and mitosis starting with RNA in nucleolus of the nucleus (intro-nuclear), by generating the cellular EI traps; etc.

16 Just this sensitivity explains among others that the psycho-mental diseases, of predominantly informational type are very sensitive at the both endogenous and exogenous homeopathic treatment.
17 Just through this last property, the possibility to offer explanations about the existence of a biological hardware (substantial-energetic), capable to generate and sustain holographic phenomena at a level of an informational specific field, represents one of the outstanding contributions of the biophotonics, by the two theories already mentioned.
Essential properties of the nuclear (cellular) “bio-laser” system:
a) the nuclear (cellular) division, according the BLT’s modeling: a certain intensity of the contrary / opposite (bio)electro-magnetic forces (realized only at a certain level of the linked cellular “bio-lasers” system) is necessary for determining the division of the nuclear (cellular) mass; this mechanism could explain why certain nervous cell does not still divide in the case of the mature human being; b) light’s self-focalization and self-filamentation in monochromatic focuses (the “energetic cone” effect).

It is exactly these “traps” which homeopathic remedies are able to stimulate (by a “holographic resonance” mechanism) in order to release the latent EI resources of the human organism.

(4) The cellular “biological laser” system. This system – formed from a complex of linked and intricated “biological lasers” (molecular, membranous, nuclear) – has some special characteristics:

• Structurally, the cellular system is the first to show its similarity with all the reference points of the technical laser: resonant optic cavity, the active substance, the pumping and photon obturation, buffering and cooling systems and orientation of electromagnetic field. This very clear analogy proves that the bioluminescence is a laser type one. So, it is quite probably that the interference between the human body systems and the waves of a certain homeopathic remedy – previously stimulated / (bio)energized by natural (biological) or by technical laser fluxes of light – could have stronger therapeutic effects. Such a hypotheses could implicitly optimize the homeopathic technology / therapy.
• **Functionally**, the “cellular laser” allows the following BEMPh categories of complementary effects to become manifest:

  → The *biochemical phenomena* are typical of *daytime* (the luminescent stimulus is accumulated and stored in macro-energetic compounds TPA, TPG, etc.) and of *nighttime* (the energetic-informational reserves are delivered for maintaining the bioluminescence and its effects). The homeopathic remedies are generally acting as a “daily / lightly-time” type of mechanism, permitting the introduction inside the human body of an exterior stimuli, with a quasi-instantly reaction: the remedy’s biochemical information, in the case of very low potencies, the photonic information able to initiate biochemical reactions, in the case of the high potencies.

  → The *electrical phenomena* at the cellular level results from the fact that the cell makes an “electromagnetic oscillatory circuit” (solenoid) in the cellular membranes, due to the presence of the action-rest currency; the fact that the cell is working like an emission-reception type of bio-electromagnetic circuit makes it possible for the cell to transmit information by electromagnetic resonance, having the “monochromatic impulse frequency”. According to BLT’s hypotheses concerning the complementarity of the BEMPh mechanisms, the remedy’s photonic information will initiate a specific potential currency at the cellular membrane level, which is transmitted to the brain by this channel too.

  → The *magnetic phenomena* are found both in the shallow level of the cell (the occurrence of the membranous “black-hole”, of the magnetic cellular N-S poles) and its deep level, as cellular division, i.e. the cellular self-reproduction as an effect of the magnetic field interaction, the periodical occurrence of the magnetic impulses of electronic and photonic nature. Moreover, the cell is also a magnetic trap for the “biological laser” plasma generated as a secondary biophotonic effect. The electric effect generated by the remedy’s information in the membranous solenoid is also transferred at the level of the cellular magnetic (bio-plasmatic) field implicitly and, after that, step by step at the level of the whole organism. This magnetic / plasmatic channel could be associated with the “nadis net” already known by the oriental medicine.

  d) The *photonic phenomena* (bioluminescence) are determined by the main source of energy and information, light being a cellular biologic material organizing factor and also the genetic material (in the shape of inorganic and organic living-matter). In accord with non-linear optics, from the photon viewpoint, we can consider the cell as a “biological parametric generator of superior optical frequencies”, i.e. a generator of superior harmonics of the incident radiation (with visible
The natural text is:

frequency deviated towards ultraviolet) as well as having an amplifier role in the amplitude of the luminous radiation energy. Conforming its source and preparation, a homeopathic remedy could transmit only a certain type of vibration / information (representing the "monocromaticy of remedy"), or an assembly of complex frequencies (by determining the "harmonic cromaticity" of the remedy).

**The (photoreceptive) cone-cell conforming BLT:** a) the cell’s structural correspondence with a technical laser’s; b) the transformation of the bioluminescent information from analogous signal in digitally signal, at the level of the cellular resonator and of the axon respectively; due to its biophotonic properties, each nervous cell is functioning like a "optical fiber".
Structurally, the amazing correspondence between a technical laser and a biological one is the following:

- light pumping source → light fluxes penetrating the eye / ocular cells (by wink)
- laser active substance → PWO semiconductor molecular system
- optical resonator → the cellular body (sphere, cylindrical etc.)
- lentils system → membranous liquid crystal systems
- EM field → cellular / membranous electrical potential
- pumping emission → cellular interconnected passages
- cooling system → cellular water, blood, lymph
- fixing system → cellular elastic insertions

Having in mind the perfect structural analogy between the technical laser and a human cell, on the one hand, the biolaser functional properties of the biologic / cellular emission put into evidence (according Popp a.o.), on the other hand, makes the BLT a very credible one.

Functionally speaking, the differences among various "biologic type" systems that form the cell result from the differences of size (macroscopic aspect) and structure of the active substance (phosphates, liquid crystals, nucleic acid, etc.). They also result from the differences regarding the two essential types of energetic amplification realized along the linked "cellular lasers", trough:

- **modulation in frequency**: the deviation of the incident visible light towards the invisible scale of the EM spectrum (UV, X, gamma, etc.); such a modulation is realized by two mechanisms, namely: (a) at the level of the molecular "biological laser" (phosphate – linked water – molecular oxygen), according to the anti-Stokes rule (from non-linear optics), the incident light will increase its frequency; (b) at the level of the membranous liquid crystals, by each refraction the incident light waves will double its frequency;

- **modulation in amplitude**: the light’s (bioluminescence) focalization in monochromatic focuses by the "energetic cone" effect, allowed by cell’s property to be a "laser resonator" lined with liquid crystals (as coherent reflecting mirrors); consequently, the very high frequency of the incident radiation (natural light, for example) will be transformed inside the linked "cellular lasers" into a low frequency (fluxes / impulses) of light.
According TLB, each cell of the organism functions with light as a main source of energy and information. Either they receive it directly or indirectly through other cells' bioluminescence, respectively from different type of other “EI traps”, such as each homeopathic remedy is.

The different BEMPh characteristics manifested at the cellular system level – the first one perfectly similar with a technical laser – could also explain the mechanisms of two homeopathic possible strategies:

a) to use the unicast strategy, prescribing in the classical way “one remedy at a time, usually in high potency”; such a polychrest remedy, which activates the fundamental wave (frequency) of the ill person, “has many widespread uses, covering wide variety of mental, emotional and physical symptomatology” [Yasgur, 2004: 271; 191];

b) to use a complex of complementary remedies, in a longer period of time, able to act one after the other. So, after remedy a some symptoms are left that fit remedy by which is then given. In a complex remedy, several remedies are combined that are considered to be useful for the same indication. Complex remedies are not classical and only require the medical diagnosis, hardly a homeopathic one.

(5) The organ “biologic laser” systems. These systems are characterized by specific features derived out of their structure and functionality. Certain general features, specific to all the “organ laser” systems, can be noticed in accordance with the BLT hypothesis. From the structural viewpoint, the organ “biologic lasers” are super-systems, an intricate biologic system, made of subordinate systems: molecular, membranous, nuclear and cellular “biological lasers”. From the functional point of view, these systems ensure the main functions of the organism. Each “organ laser” – such as brain is, for example – initiates specific BEMPh phenomena, namely:

a) The biochemical effects must be synchronized and correlated to: the mediation of the human body exchanges of substances, the external medium or to the neighbouring organs through the “linked biological organ lasers” on the nervous chain of digestive, respiratory, cardio-vascular, urinary and genital systems, which play well-determined physiological roles within the organism. By its possibility to determine a “holographic resonance” at the organism level, the homeopathic remedy has a direct functional effect of stimulation, and only indirectly a structural effect. This happens because the remedies are not carrying predominantly energetic-substantial content, as a lot of medical remedies do, but they are carrying especially field-information. It is exactly this information which the organ “biologic lasers” are receiving, processing and holographically registering.
b) The **electric effects** shown on the level of the “organ lasers” are generally known in the shape of the action potentials. The frequency of the photonic impulses determines the electric impulses of biorhythms specific to each organ as it generates them. These impulses generate heartbeats, brain electrical activity rhythms, etc. According to BLT, the frequency of the electrical impulses of the organs is determined by the optical activity of the nervous system. This activity – which begins with the optic nerves and regulates the frequency and intensity of impulses induced in the cerebral trunk and the spinal medulla – could be influenced by the specific radiant information of a certain remedy. Such an undulatory information (characterized by frequency, amplitude, etc. of the homeopathic remedy too) – spread inside the human body by the channel of the “biological water”, of the “nadis net” or of the nervous system – is able to regulate the organs functionality (by synchronizing the electrical impulse transmission at the organs level, by reestablishing the right electric polarity of each organ, etc.).

c) The **magnetic effects** specific to the biological activity of the organs are to be correlated to the “organ memory” that is the result of a succession of optical phases and a synchronized optic activity in all cells' membranes of the same generation cells, as a sum in space (holographic effect) and time of these cells' memories.

According to BLT, this memory is registered both at the level of the cellular organic liquid crystals, the bioluminescent field and the solenoidal electromagnetic field of the cells which form the reference organ. Thus, each organ constitutes its own memory in the shape of an optic hologram. It is exactly such a specific hologram which a specific remedy transmit as an optic messages (the harmonic frequency of waves) to the organs, by “remembering” them their normal (healthy) structure or / and functionality.

d) The **photonic effects** – generated by bioluminescence in organs – are the consequence of the functional synchronism between the cells belonging to the same embryo-genetic generation. At the level of these cells, embryo-genetically placed in the same luminous front, the local buffer systems synchronize and damp the luminous electromagnetic oscillations and all BEMPPh phenomena, generating holographic, thermal and plasmatic effects. These all aspects could explain the coherence / resonance / EI relationships embryo-genetically established between different organs / zones of the organism. Such a phenomenon makes possible the therapeutic procedures of homeopathy, acupuncture, reflex-therapy, etc.: the strong resonance / coherence established between: the remedy frequency, on the one hand, a certain “EI trap” or / and a malfunctional organ, on the other hand.
The organ “biological laser” system: a) the eye: the main holographic system (the incident luminous information is spread at different deep levels of the cerebral mass, by explaining the correlation between localization and diffusion theory of the memory; the holographic functioning of the brain, which Karl Pribram has already postulated [1971], without having – at that time – the sine-qua-non BLT’s arguments (the presence of the “biolaser light” and of the “biological lasers” hierarchical systems

The “psi wave” representation: the biolaser effect of bioluminescent waves modulation in frequency and amplitude, explainable by BLT

This combination of this double mechanism of modulation in frequency and amplitude – which technology can not yet generate – is also responsible for the “light metamorphosis” (the genesis of the “living light” respectively), being able to explain the specific characteristics of the cerebral (“psi”) wave, having: a higher energetic support (a high
frequency: $10^{15}$ Hz or higher) as signifier, able to sustain and transmit (inside or outside the human body) the rich informational content (signified) of the low cerebral waves frequency (0.5-30 cycles / second, as the EEK puts into evidence) [Stănciulescu, 2004: 113-116]. The same mechanism is responsible for the metamorphosis and the coherent assumption of the remedies emission of light (information) into the “living light” too, transmitted to the brain and / or to the organs.

(6) The organismic “biologic laser” system. This system is a result of all the mechanisms and processes characterizing the subordinated systems’ structure and functionality ranging from the molecular ones to those of the principal organs. We note the following hypothesis of BLT that tracks the BEMPh phenomena taking place in the organism as a whole:

a) The biochemical phenomena include the existence of some biosynthesis that is, forming some strategic resources (traps) of biochemical activators on the level of various organs (the liver, the spleen) or hormone and enzyme secretor glands. As we have already mentioned, these organic EI traps could be also stimulated by different remedies established by homeopath, corresponding (by resonance) to different organs of the body.

b) The electric phenomena noticed in the human organism involve the existence of the large electric potentials between the poles of the organism (the head and feet), the existence of a growing repose potential level in the receptor extremity towards the effector extremity, the existence of a difference in potential between left-hand and right-hand sides of the human body, etc. The remedies having a certain polarity (due to their predominant color / frequency are susceptible to change, if necessary, the polarity of the whole organism.

c) The magnetic phenomena specific to the human organism aim at doubling the pair organs; optic memory (holographic memory) of the entire organism (as a magnetic dipole with N-S polarity, feet-head respectively, etc. The role of the unique remedy established by certain homeopaths is to remember the properties of the fundamental wave of the organism’s aura, corresponding to each individual personality.

d) The photonic phenomena specific to the human body aim at the “terminal” feature of the bioluminescent radiation process dependent on the finite number of monochromatic biophotons and emitted at the epidermis level (in the shape of bright effluxes (streamers) shown by electrographic techniques.
This process explains to us the generation and maintenance of the bioluminescence phenomenon (often disputed) which generates the human aura and its functional role (which BLT can explain) in accordance with derived effects such as: a) the **holographic effect** in the shape of the colored spectrum (in ultraviolet) of the “chakras”; b) the **thermic effects** synthesis appearing first in body heat; c) the **plasmatic effects** highlighted by “biological laser” plasma effluxes at the level of the fingers, the head, eyes, etc. All these effects are correlated with the homeopathic concept of the “vital force”.

**Schematic representation of the “light’s road”, according to BLT:**

a) the structural resonant relationship embryo-genetically established between the different organs belonging to the same primordial foil: ectoderm, mesoderm, endoderm; this holographic correspondence among different parts of the organism, explaining the “resonant tropism” of the different (homeopathic, phitotherapeutic) remedies, or of different energetic practices such as acupuncture, reflex-therapy, etc.: b) the “daily” (↓) and “nightly” (↑) circuit of light inside the human body, out into evidence by oriental conception of major energetic channels (I = Shushuma; II = Pingala; III = Ida), unifying the seven chakras.

The correlation of all these bio-electromagnetic phenomena / effects in the human body makes the human being behave like a sophisticated bio-sensor that resonates / inter-phases (faces) with external fields, with the field of the homeopathic remedies implicitly, by influencing them and receiving their influence.
Having in mind to the above mentioned model, explaining the functional coherence of human organism, we could conclude that:

- The structural-functional particularities of the six types of biological-lasers existing in the complex living body permit us to demonstrate the correlated effects of four BEMPh types of phenomena. These phenomena are characteristic of all biological processes of a living body. As we will show in another context, depending on its degree of dilution, a homeopathic potency could generate all these types of effects. Of course, the strangest empirical observation was that – in the case of very highly diluted remedies – the therapeutic effect is very strong and sometimes (especially in the case of functional diseases) manifests very rapidly. An invisible biophotonic effect (of the “living force”) must be hypothesized as determinative in such situations. But, as BLT proves, the biophotonic stimuli will have as a consequence the appearance of a biochemical, electric and magnetic effect.

- By the energetic accumulation permitted in the presence of light and the energetic discharges which take place in the absence of light, it is possible to define two cycles that maintain vital processes in a dynamic equilibrium: a daily (illumination) cycle and a nightly (darkness) cycle. Such a double cycle corresponds exactly to the already mentioned experimental observation of quantum optics that biological systems are characterized by [Popp a.o, 2001]:
  - a “biophoton emission”, stimulated by external light exposure;
  - a “delayed luminescence”, which is the long-term afterglow of living systems after external light illumination\(^{30}\).

\begin{itemize}
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  \item *
  \item *
\end{itemize}

As a conclusion, we could postulate that the presence of a certain remedy inside the human organism is generating a very complex assembly of BEMPh reactions. The redundancy of these processes results from the fact that one and the same remedy’s information is transmitted to the brain or / and directly to the affected organs by different interactive BEMPh channels, by influencing the health state of the whole human organism.

\begin{itemize}
  \item[30] This last effect makes it possible to keep the remedy’s effect of (bio)luminescence for extended periods of time.
2.2. BIOPHOTONICALLY, ON THE “PRINCIPLE OF LIFE”

Taking into account all the biophotonic’s above mentioned consideration, we can assert that the concept of “vital force” – interdisciplinary analyzed in the first part of the present study [Stânciulescu, 2004] – is essential for connecting the “physics” and “metaphysics”, science and religion, allopathic and homeopathic practices.

The “principle of life”, the most important homeopathic law, is doubling – from a structural point of view – the functional “law of similarity”. It sustains the existence of a “universal energy”, a mysterious fluid differently named in human history determining the appearance and maintenance of life itself. On the one hand, the TFEI and BLT hypotheses make rationally understandable the genesis of this both universal and individual EI (bio)field. On the other hand, the biophotonic conception concerning the spiritual / affective / emotional causes of illnesses is based on the existence of this EI field, which permits a clearer explanation of the physical illness by the generative mechanisms of two types of invisible EI causes:

- **external objective causes**, determined by the objective fields (radiant) influences:
  - physical (natural) effects of cosmic, solar, lunar harmful radiation, Earth radiation (Hartman or Curry “nets”), etc.;
  - biological radiation, such as negative influences of different persons (by “black magic” actions, by “energetic vampirism” or “evil eye”, etc.)\(^{31}\);
  - technical radiation generated by different electromagnetic sources and machines, by RTV nets, mobile phone net and computers screen, or by the architectural “microwaves of form”, etc.

- **internal causes**, concerning the subjective situation of human “soul and spirit” energetic-informational malfunctions.

Some homeopathic considerations about each of these causes are further presented.

(1) In a predominantly intuitive description, Peter Chappell considers that our body is stimulated by the vibrating energy of our “soul” (emotional /affective human states, generating different actions)

\(^{31}\) As we have already argued [Stânciulescu, 2003a: ], such “magical” / “paraphysical / para-psychical” practices—scientifically justified by the theory of EI fields—have been used for certain “white or black” purposes by all human societies, including the “modern” ones.
and by the “vitality” floating in certain patterns of the physical body [1994: 90]. It is very useful to assert that the effects of psychological states are determinative for our states of health or illness, by influencing the “life energy” dynamics at the affective level (of heart, first), of the mind level (of the activity of the brain, second) and, finally, at the level of the whole body’s bioluminescent emission. An illness can appear when a conflict between a subjective emotional or / and intellectual desire and the objective reality (possibility) is manifesting itself. In this case, the malfunction is determined by energetic causes, pointed out first at the level of the auric field and after that at the level of the body.

A recent special mission of Peter Chappel in Ethiopia, for finding the AIDS’s remedy [van der Zee, Hiwat, LINKS 4/2004: 265], established some therapeutic principles that enable to transfer through a mathematical Fourier Transform an electro-magnetic signal (information on the totality of the disease AIDS) to re-establish a patient's “vital force”\(^\text{32}\). The information is transmitted to the human body by a homeopathic complex of alcohol and water (assumed by the human body, according to mechanisms explained by PTEI and BLT).

Synthetically speaking, according to PTEI and BLT, we could say that the relation between a homeopathic remedy and an ill person (presenting an abnormal vibration of the auric field) will have complex BEMPh effects at the level of the human body:

- **biochemical**, by generating the emission of neurotransmitters, etc.;
- **electric and magnetic**, by tensioning – at the level of cellular membranes – the electric potential of action-repose and implicitly the parameter of the associated magnetic field;
- **(bio)photonic**, by influencing (by means of holographic resonance) the cellular, tissue, and organs bio-field states, by modifying the structure of organic / linked water, and implicitly the state of the whole organism.

A certain type of energy-information, corresponding to a certain “vital vibration”, determines each type of blockage. This is why only the homeopathic remedy having this type of vibration / frequency will be able to stimulate the health process, by generating special adequate reactions\(^\text{33}\).

\(^{32}\) It is very interesting that Fourier Transform was implicitly used by PTEI for describing the parameters of the human biofield [Constantinescu, Stânciulescu, 1993].

\(^{33}\) The mechanisms of these reactions were detailed into our very recent book: *Integral homeopathy. Biophotonics arguments* [Stânciulescu, Botez, Anastasiu : 2005].
The relationship established between the bio-electromagnetic vibrations of the living organism (as a dynamic field, in a permanent oscillation) and the quasi-stationary field of the “(bio)physical remedy (which must be dynamized)” is perfectly described by George Vithoulkas. He notes: “Because all the substances have their own electromagnetic field, the task of the homeopath is to find the substance having the same ‘vibratory rhythm’ as the patient rhythm is, in the frame of his / her illness. … If this happens, a phenomenon of ‘resonance’, well known to physicists and engineers, will be instituted. As a consequence, the patient’s electro-magnetic field will be intensified, exactly at the necessary frequency for producing healing” [2002: 96]\(^34\).

Once again, the inter-determinism between corpuscle and wave and between physical body and soul / spirit emissions of light is quite obvious: the bio-fields determine the bodily state and this in turn generates a new state of the bioluminescent field. Or, as Hahnemann himself has written: “The organism is the material instrument of life, but it cannot be conceived without the animation of the vital force. In its turn, the vital force cannot be conceived without the material organism. Consequently, there exists an unity of this duality...” [cf. Jayasuriya, 1997: 18].

* * *

As Jan Scholten has mentioned, it is very important to accept – using Hahnemann’s terms – that disease is “a derangement of the vital force, the dynamic or spiritual force which animates man” [2001: 15]. Even such a definition is rather vague; it does make clear, however, that the roots of the disease are at the energetic or psychic (informational) level. Starting from such a conviction, homeopathic therapy has long proposed the curative “principle of demodulation” by energetic and informational waves of specific remedies: similaria similibur curent.

The possibility of demonstrating, by natural (clairvoyance) or by technical procedures (photo-count, electronography, etc.), the organism’s “vital force” and its bioluminescent (auric) field and its interference with the remedies respectively, could essentially help the therapist (homeopath):

\(^{34}\) It is clear that some bio-electromagnetic dynamic / field phenomena are responsible for the main E-I homeopathic mechanisms. But, what is still not known well enough is how these mechanisms function and how they are generated. For this topic, BLT’s explanatory contributions are really necessary.
• to choose and apply the right remedies, taking into consideration that the malfunctions appear first at the auric level\(^3^5\);
• to observe “step by step” the effects of the curative therapy and adequately correct it, if this is necessary.

On this topic, biophotonics technology and medicine (homeopathy) could be specifically adapted to the exigencies of human health through interdisciplinary cooperation. In order to suggest only some of these possibilities of cooperation, we could propose in the present context:

— using the structured water as a liquid support for different types of remedies, by means of different influences (including the field of a healthy person or of the person who must be cured, generating a type of self-vaccination);
— the verification of the organic / tissular water structures with magnetic-resonance and electronic microscopy technologies, in order to accord it with the properties of the remedies;
— verifying the energetic charge and bioluminescence of the plants and substances used for different remedies;
— testing the bioluminescent emission of different types of potencies and correlating their frequency with the frequency of different types of affections;
— using laser technology to amplify the informational properties (such as frequency, coherency, etc.) of remedies;
— “charging” the same protein support of the remedy with waves having different frequencies (information), by using different types of monochromatic electromagnetic radiation;
— verifying the energetic-informational “resonance” between human beings, in order to avoid possible incompatibilities; etc.

* * *

In conclusion, we could synthetically remember that the existence of the “vital force” is totally explainable from the biophotonics point of view, taking into consideration that\(^3^6\):

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\(^3^5\) As Hahnemann observed, the vital force is the first that is affected by an illness state (due to a certain energetic / informational unbalance).

\(^3^6\) Some of these assertions will be specifically correlated with the homeopathic mechanisms in the next articles.
— the “universal energy” / “life energy” could represent the synergic bio-field effect of all the living systems in the universe;
— the organism’s “vital force” is represented by the bioluminescent field (bio-field) generated by the cosmic light at the level of the included and linked “biological lasers”;
— the relationship between the “life energy” and the “vital force” is similar to the relationship between part and wholeness, the first stimulating the second, by different modalities of interference, which PTEI and BLT describe;
— the “vital force” is, depending on the organism’s transparency to light, responsible for the health or illness state of the organism;
— the “vital force” assures the coherence of all the organism’s functions, representing the undulatory vehicle for transmitting different types of information / stimuli (remedies implicitly) received by the human organism;
— the “vital force” is that EI “human structure” which can survive for awhile after human bodily death.

If these assertions are scientifically provable, it means that one of the most “sensible” principles of homeopathy\(^{37}\) could become the stronger one. The objective existence of a certain “vital force” belonging to humanity, a specific “collective unconsciousness”, a unifying “electromagnetic wave” (Schumann’s wave), an integrative “socio-field” determined by a coherent “socio-laser”, could be rationally argued by using the scientific contributions of biophotonics (PTEI and BLT). On this topic, to harmonize humans’ body, soul and spirit complexes, on the one hand, and to optimize their relationship with the planet Earth, on the other hand, by using the power of love – as the most special “remedy” – could represent the target reality of the most generous medical science of the future: the “transpersonal medicine (homeopathy)”, which Harry van der Zee has already postulated.

* * *

"We do not yet possess the technology or the necessary methodology to unlock homeopathy’s secrets... The answers must await future generations of scientists to uncover" [http://www.skeptics.ca/], the skeptics would say, reading the assertions of the present study. Fortunately, the contributions of the New Knowledge, harmoniously correlated by the “Science of Light” that biophotonics stands for, are proving that the time for such answers has already come.

\(^{37}\) The opponents of Hahnemann considered that the “vital force” was the most critical point of his theory.
Part 2

TWO CENTURIES OF EXPECTANCY
from endogenous to exogenous homeopathy

• exogenous homeopathy. an amazing therapeutic alternative
• valuable attributes of biofotonic resonators: from theory to practice
• types of energeo-informational effects: biotechnological and therapeutic proves
Chapter 3
EXOGENOUS HOMEOPATHY,
AN AMAZING THERAPEUTIC ALTERNATIVE

The content of this chapter may be unconventional and innovative at the same time, in relation to those already completed and acknowledged in the history of homeopathy. This is because it proposes a strategy to homeopathically optimize human health, using a mechanism external to the human body. But, to extend the therapeutic horizon of homeopathy to the exterior of human organism would seem irrational, because it is difficult to believe that – still not having a scientific explanation of its endogenous mysteries of healing, of its invisible and non-substantial action – homeopathy would succeed to do it for an exogenous / out of body healing mechanism.

This chapter will try to answer to the challenge of removing the limits placed on homeopathy by developing three aspects:

- To present coherently, from the explanatory perspective of biophotonics, a new emergent alternative of homeopathy, namely: Exogenous Homeopathy;
- To describe the main performances of the Biophotonic Resonators, an amazing invention, practically proving the theoretical hypotheses;
- To establish an efficient connection between Exogenous Homeopathy & Psycho-Mental Therapy.

The practical synergy of these interdisciplinary type issues could represent a reference contribution to the emancipation of homeopathy as a healing discipline justified / proven both scientifically and technologically.\(^\text{38}\)

\(^{38}\) For this opportunity I am very grateful to Alan Schmukler, who challenged me to develop a study previously published in: Homeopathy and Mental Health Care (editors: Christopher K. Johannes & Harry van der Zee), Homeolinks Publisher, 2010. “No problem”, I said few months ago, IN January 20011: “I will write a paper on «Biophotonic Resonators» and Psychic Health Homeopathy», thinking that I already have clear in mind the theory and practical data. But, starting the work, I realized that to be in my thinking is not at all the same as being in my readers’ understanding. So, trying to be as clear possible and working as in trance, for about a month, I had the final surprise to hold in my hands the draft of a whole book. (This one…). But, before being published as a book, as soon as possible, I am happy to publish its main ideas in HOMEOPATHY 4 EVERYONE, first; as a homage to the wonderful people contributing towards making HOMEOPATHY a real “Queen of the Future Medicine”… A MEDICINE 4 EVERYBODY.
3.1. EXOGENEOUS HOMEOPATHY,  
A SYNERGETIC ALTERNATIVE

I watched extensively, in a series of reference works, the explanatory principles of Biophotonics, as they emerged from the researches of specialists from Russia, Germany, Japan and Australia, Poland and USA, etc., on the one hand, and the contributions of the specialists from the National Institute of Inventics Iasi, Romania, developed under the coordination of the undersigned, on the other hand.

Having in mind that in all these works appear rigorous scientific references, precise references to laboratory studies in the field of biophotonics and homeopathy, etc., I decided that in this paper – by deliberately minimizing the multitude of many possible scientific references – to formulate only those considerations which are necessary to understand the subject under discussion: the functioning mechanisms of homeopathy, in general, and of a possible exogenous homeopathy, in particular.

From all problems and their scientific explanations which homeopathy is still facing, recorded by Paolo Bellavite and Andrea Signorini in a valuable synthesis paper\(^3\), I will mention the last one only, namely:

“There is some preliminary evidence demonstrating a homeopathic effect not only of solutions but also of closed ampoules containing solutions and placed in contact with the system to be regulated (human or animal)” [2002: 5-6].

This is particularly important, as it represents a preliminary evidence of the fact that what we called “Exogenous Homeopathy” (ExHo) [Stănciulescu, 2006] was already recognized as a possible alternative for endogenous homeopathy. As it results from the paper of the above cited authors, a series of aspects such as the clarification of the memorizing property of water, the role of the electromagnetic frequencies, of normal and low frequency, on water and the electric


\(^3\) Among these problems, the authors note the memorizing properties of water, by „superradiance” (frequencies applied to the molecular dipole) or “hollow hydration shells”, its effects on some disorders such as allergies, skin electrical conductivity restoring, acupuncture points, stimulation or inhibition of cells by applying low frequency electromagnetic fields, etc.
conductibility of the human skin, the exo-homeopathic effects on human health etc., have already been explained from the perspective of one or more sciences involved.

* * *

What we bring now, as an additional reference in completion to these previous contributions, is the perspective of biophotonics, both integrative and unusual. To “harmonize our language”, for instance to present from the very beginning the intentions of this study, it is necessary to define the unusual key concepts of the study, as follows:

- **BIOPHOTONIC HOMEOPATHY (BH)** is defining the theoretical / explanatory and practical / applicative perspective of biophotonics, connected to general principles and mechanisms of homeopathy, able to generate their unconventional, holistic and coherent understanding.

- **EXOGENOUS HOMEOPATHY** \(^{40}\) (**ExHo**) is a predominantly informational therapy, closely correlated with the classical, endogenous homeopathy, which stimulates from outside the process of releasing the resources stored in E-I (energy-information) “traps” of the human body, through a “holographic resonance” mechanism determined by the ultralow biophotonic properties – bioluminescence, frequency, intensity, amplitude, etc. – of the bioelectromagnetic emissions generated by a series of *materia medica*, selected, preserved and used in various forms of aggregation (micro- and macrostructural), in order to initiate general or specific effects in the recipient organism.

- **HOMEOPATHIC SYNERGY** \(^{41}\) (**HS**) is defined by all the information-energy properties of some subliminal stimuli, homeopathic type, with which, through different informational strategies (electromagnetic resonance, sound, olfactive, tactile, etc.), the functional attributes of the active substance and of the organic liquid can be amplified, thereby optimizing the health state of the human receptor.

\(^{40}\) EXOGENOUS (med.) formed, developed from outside, which is due to causes outside the body.

\(^{41}\) SYNERGY s.f. Synergy is the capacity of the elements and/or subsystems of an interconnected and interoperable WHOLE to produce more together than separately. SYNERGY – is simultaneous action, pointed in the same direction, of several organs or more agents. . [Gen. -iei / < fr. synergy, cf. gr. syn – with, *ergon* – action.]
• **BIOPHOTONIC RESONATOR (BR)** is a functional equivalent of the polichrest remedy from endogenous homeopathy, manufactured in different technological forms, in various degrees of complexity, capable of generating optimal synergetic effects specific to exogenous homeopathy. It is the equivalent of a source that emits a broad spectrum of frequencies of ultraweak (bio)luminescence, which results from the synergy of the active substance used, from the diversity of the colors and shapes in 2D and 3D, from the accessories used, and which subliminally stimulates the health of the human body.

It can be said that — *mutatis mutandis* — generating and transmitting information and subliminal information and energies, the HUMAN him/herself is operating as a synergetic and ultracomplex “Biophotonic Resonator”, interacting with any similar structure. Accepting this, we will understand why a **BR** is a “Connecting Matrix”, respectively, because:

— As an exogenous homeopathic remedy issuer, **BR** constitutes / acts as a vibratile matrix / complex or waves capable of potentially storing the information needed to recover some lost or diminished functions of the organism; a kind of «back-up disk-system», containing some essential «Bytes of light…» for restarting the health program of human organism.

— As a **BR**, the Human and his subsystems represent an interface, actively connected to the exogenous stimuli, consistently grouped into a “living matrix” capable of intercepting the homeopathic information absorbed from outside of the human body, and equilibrating them.

*“Living light” from (living) light*, here is the essential principle of life, by means of which the homeopathy operates and can be defined.

* * *

Understanding **BIOPHOTONICS** as the science that studies the emission, storage and release of the Biophotonic Streams / Fluxes, namely the interaction between living systems through these streams / fluxes, a series of laboratory researches – initiated at the beginning of the 20th century by Alexander Gurwich in Russia and later completed by other researchers, including the relatively recent researches of Professor Fritz Albert Popp from the International Institute of Biophysics, Neuss, Germany – have shown that:
Any biological system (vegetal, animal, human) emits an \textit{“ultraweak bioluminescence”}, in the visible or ultraviolet spectrum, a figure of several tens to hundreds of (bio)photons per quadratcentimeter / second (as measured using a photocounter conceived by Professor Popp and his colleagues). The intensity of this emission is about $10^{18}$ times lower than regular daylight, that makes it practically impossible to be perceived with the normal eye or to evaluate it by means of the normal optical measuring instruments.

It could be proven that DNA of living cells stores and releases biophotons without having a clear explanation of how these biophotons reach the nucleus of the cell and store themselves between the DNA chains.

The emission of biophotons generated by the biological systems has similar properties to those of laser light, being coherent, monochromatic, polarized, directed etc., and manifests itself in the EM spectrum, at a frequency superior to the visible spectrum. (Ultraviolet, as observed by A. Gurwich, while referring to the mitogenetical radiation). This is an empirical observation that could not be totally explained by the researchers.

It was assumed that the coherent action of the emissions of biophotons within a complex system, such as the human body, is responsible for a number of processes such as the communication mechanism between biological systems, the regulation of biological functions, cell growth and differentiation, connections to so-called \textit{“delayed luminescence”}, and spectral emissions in supermolecular processes in living tissues, etc., affecting the state of human health.

* * * 

All these objective laboratory observations, extremely precious for the medical practice and not only, have imposed various scientific attempts of their explanation, beginning from the principle of mitogenetic radiation and morphogenetic fields issued by Gurwich, to the Coherence Theory issued by F.A. Popp [1989]. The difficulty to explain the above mentioned phenomena resulted from the fact that:
— Some of the above mentioned phenomena have been investigated in a relatively isolated manner by the specialists, being restricted for cells or group of cells, for instance, and rarely as belonging to a coherent macro-system, for instance of an entire human body.

— The relatively restricted specialization of the actual scientific research made difficult the correlation of the specific phenomena / events coming from different areas of interest, while maintaining an often exaggerated skepticism regarding the promotion of less conventional theories or practices, which made many researchers keep them at a distance.

In these circumstances, surpassing the handicap of the monodisciplinary scientific formation and one of limited dogmatism, I formulated and argued with the complex means of the biophotonics’ inter- and transdisciplinarity – beginning from the theoretical (logical scientific and mathematical-physical) and experimental to the laboratory measurements using different strategies – two complementary theories, synthetically presented in a previous chapter:

— the (bio)photonic theory of energy-information (bPTEI);
— the „biological lasers” theory (BLT).

As we have already realized, the conjunction of these two theories is essential to:

● justify the idea that the living organisms interact through the coherent biophotonic / bioluminescent fields and that these emissions generated from the biological systems have the properties of the laser emission;

● understand the functional mechanisms of the homeopathy, in general, the way it is appreciated by the specialists themselves, of the exogenous homeopathy, in particular.

7 For example, separation and measurement of the properties of a single item, detached from a biological system, lets’ say a leaf of a tree, can point out issues that are the result of the whole system and not only of the item, which will make impossible the formulation of a correct explanatory hypotheses. Specifically, the division of a cell can be explained only by the existence of an intensity, namely, the bioelectromagnetic intensity of the related field, in his turn being also an amplified result of a chain made of cells, organs of a synergy of effects, with other words.

8 On the pathway of the scientific dogmatism that often recalls the experiences of Galileo Galilei or those of Hahneman, a series of events marked the destiny of some reference researchers of the current times. It is known that professor F.A. Popp himself was viewed with criticism by the representatives of the “academic” science for the courage to have tried to sustain the functional principles of the homeopathy with biophotonic arguments, for example.
In this last sense, a synthetic presentation of homeopathy in general is to be achieved from the biophotonics perspective in the following\textsuperscript{44}, with necessary additions to a more nuanced understanding: that of the functional mechanisms of the exogenous homeopathy.

This experiment suggests the possibility of optimizing adequate structure of the various types of liquids with the help of BR, exogenous homeopathy namely. According BLT, due to their optical properties, the liquid crystal structures are transforming the human body into a system transparent against (bio)light, a huge “macro-crystal” able to transfer the bioluminescence from cell to cell, as a VITAL FORCE, permanently increased... This can function as a measure of physical health since when this transparency is affected by different mal-functional causes, human health will be affected.

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The omnipresence of the two systems above mentioned at the structural level of living bodies (human, but also animal and vegetal) – the molecular complex phosphate, bound water, molecular oxygen and the liquid crystal structures – permitted us to formulate the major hypothesis of BLT [Stănciulescu, Manu, 1995], namely:

- The correlated actions of the molecular semiconductor "biological-laser" and of the organic structures with liquid crystal properties permits the argument that the molecules, membranes, cell nuclei, cells, organs and the whole organism are functioning like some “biological laser” systems, both linked and included; all these systems present evident structural analogies to the technical laser optic resonator, active substance, optical pumping source of light, cooling system, electromagnetic director field, etc.;

- The functionality of the six types of “biolasers” specific to the human body, previously described in our mentioned books, was further connected with all the principles and laws of homeopathy, suggesting the exceptional explanatory force of biophotonics, in general, its application in the field of exogenous homeopathic mechanism, in particular [Stănciulescu, 2006];

\textsuperscript{9} Having in view that the attempt to justify this synthesis requires knowledge of some previous works, already published (in Romanian language inclusively), I am fully aware of the risk of a certain difficulty in understanding; this, especially from a reader, who is not familiar with the scientific language, especially with that one – insufficient available – of the biophotonics. Precisely, for the diminution of a such predictable situation, I chose deliberately the presentation to be as simple as possible, involving only the minimum of the theoretical or experimental scientific supporting arguments. In these circumstances – for any weakness of understanding or for any stiffness of the language – I offer an apology to the potential readers of this study.
• The energetic and informational accumulation permitted by the presence of light / bioluminescence inside the body and the energy-o-informational discharges which happen in light’s absence, respectively, define two essential cycles which maintain vital processes in a dynamic equilibrium: “daily cycle” (of light) and “nightly cycle” (of darkness);

• The hierarchical and interacted functionality of these biological mechanisms – a complex of Biochemical, Electric and Magnetic (BEMPh) phenomena namely – is generating a synergic bioluminescent / biophotonic auric emission, having all the mentioned properties of a natural “biolaser” emission and generating at each specific level of the organism some thermic, plasmatic and, especially, holographic effects.45

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In this context it is important to see that more and more of the above issues have begun to be recognized in the last years,46 validating also, from the perspective of other exceptional specialists, what we have already built, beginning with 1993, in an integrative perspective.

16 Just this sensitivity explains among others that the psycho-mental diseases, of predominantly informational type are very sensitive at the both endogenous and exogenous homeopathic treatment.

17 Just through this last property, the possibility to offer explanations about the existence of a biological hardware (substantial-energetic), capable to generate and sustain holographic phenomena at a level of an informational specific field, represents one of the outstanding contributions of the biophotonics, by the two theories already mentioned.

18 If at the beginning of 1990s it was still premature to talk about the “holographic resonance” and "biological lasers", it seems that now the time of recognition of such analysis opens spectacularly Reference works such as those of James Oschman [2000] or Mae-Wan Ho [2008] start to recognize and to recover the innovative ideas such as the presence of the biophotons emissions, the optic function of the membranous liquid crystals, the role of the electro-magnetic (bio) field to explain insufficiently known phenomena such as cellular division, etc. By adding to these valuable synthesis works the integrative perspective of the biophotonics, of BPTEI and BLT respectively, becomes perfectly possible the construction of an integrative information – energy medicine, as recent theoretical attempts have already started to prefigure [Simard, 2010]. Extremely important is that a such alternative is not only theoretically sustained but also technologically / applied by construction / implementation of strategies / spectacular bioresonance, diagnose and treatment devices, based on the role of the information in triggering the human body’s energy resources. Among these, on a crucial position I would place KoRe INERGETIX, a “Biophotonic Resonator” of maximum complexity, eminently conceived and designed by Eng, Dr. Kiran Schmidt; and, of course, some other bioresonance devices, already used in our researches, such as: OBERON- METATRON, SCIO-INDIGO, REFLEXOGRAPH BIOPULSAR, AURA VIDEO SYSTEM, etc.
In synthesis, we see that through the connection of the two theories mentioned above – BPTEI and BLT – in which one of them regards the biophotonic phenomena specific to the human body from outside and the other refers to those inside the body, we implicitly and explicitly have correlated (explanatory, by means of the biophotonics) the two horizons of the homeopathy: its endogenous and exogenous size. An approach which seems that has waited more than two centuries, in order to be truly theoretically recognized and practically assumed.

3.2. TOWARDS AN INTEGRATIVE HOMEOPATHY: FUNDAMENTALS OF THE HEALING

The action to bring together the two horizons of biophotonics and implicitly of homeopathy – through a synergy, which explicitly will be furtherly named as **BIOPHOTONICS INTEGRATIVE THEORY (BIT)** imposes the completion of a project, already initiated several years ago [Stânciulescu, 2003a]. Such a project, having a huge theoretical and applicative potentiality – in the field of homeopathy, as specialists recognize in principle, will be subordinated to a deeper theoretical understanding of human nature in general, and especially of the practical harmonization of the health state.

For this more or less intuitive presentation of what is the human being from the structural and functional point of view, in what follows is absolutely necessary, firstly a holistic recognition respectively, and secondly a scientific recovery. It must be mentioned that in one or another form all these intuitions / insights were the basis for the modern homeopathy, which Hahnemann brilliantly elaborated, without having at his disposal the empirical evidence which we present as follows.

3.2.1. The Body & Soul complex: a “Living Light” matrix

BLT offers the possibility of elaborating an explanatory essential pattern to understand the functioning process of any therapy type in general, and (exogenous) homeopathy in particular. The essential postulates of this model are based on the premise that the human being is defined as a body & soul-spirit duality, similarly to the connection between corpuscle and wave. I say “semio-logic”, by sustaining, with the aid of some intuitive and / or technological samples, the fact that the
body/corpuscle on the one hand and the field / soul-spirit on the other are characterized through a special semiology of the health and disease states in which homeopathy is involved:

- On the exogenous therapy path, when effects at informational level of the human complex are followed, respectively for generating prophylactic effects or for successfully interfering in certain psycho-emotional dysfunctions that do not originate in disorders of organic nature;
- On the endogenous therapy path, when an involved dysfunction is already installed in the body, of whose effects must be followed in the opposite direction of their appearance, i.e. by passing from symptom towards cause, from the exterior to the interior.

In order to configure this knowledge that is both initiatory and scientific, a synthetic recovery is imposed in the following. In this orientation, the significance of some key words – such as life and death, health and disease – must be defined within the correlated vision of biophotonics and homeopathy, with the purpose of uniting meanings. Thus, from the biophotonic perspective we shall understand that:

- **LIFE** is the capacity of a biological system, negentropically open towards all the undulatory systems of the environment, to generate and metabolize bioluminescence or “living light,” through "bio-laser" type mechanisms of stimulated absorption emission of natural light, completely different from the undulatory emission of any other non-living source.
- **HEALTH** is the state of optimal balance between structure and function that assures the generating and metabolizing / dynamics of “living light” in the organism through holographic resonance mechanisms, by the coherent transmission of bioluminescence based on a system of linked and intricate “biological lasers”. The health state is manifested both on the physical and mental-spiritual levels.
- **DISEASE** represents a certain decay of structures that assures the metabolism of “living light”, an abnormal modification of “THE MATRIX OF LIGHT” by forgetting / losing / modifying the correct functioning frequencies and by the degeneration of their afferent shapes, resulting in the body’s incapacity of being receptive and transparent to endo- and exogenous light, to piezoelectric transformation of energies taken over from the environment as biological energy, etc.
• **DEATH** means the cessation of the generating and processing functions of luminescence, through the dual dissipation of corpuscle-wave (the energetic substratum of the body) and information-field (aura / soul).

The synthesis of all these meanings is admirably expressed by Hahneman, who specifies in the 10th paragraph of the *Organon* (6th edition)\(^47\) that:

> “The material organism, without the vital force, is capable of no sensation, no function, no self-preservation\(^*\), it derives all sensation and performs all the functions of life solely by means of the immaterial being (the vital principle) which animates the material organism in health and in disease”.

\(^*\) It is dead, and only subject to the power of the external physical world; it decays, and is again resolved into its chemical constituents.

Starting with these general considerations, in the following we shall begin by giving some color to the structure of the human being, seen in its entity as a duality: energo-substantial (body) and radiant-informational (soul / spirit). Such a vision is absolutely necessary for crediting a *holistic medicine*, a **therapy (medicine) by light**\(^48\) which approaches the body only in its correlation to the soul; a medicine known by the Orient as well as by the Occident for millennia and upon which classic and modern (including exogenous) Homeopathy integrally has based its assumptions.

The intuitive knowledge of Oriental medicine discloses not only metaphorically that man is “**a being (made) of light**”\(^13\). First of all such an idea derives from the empiric, extra-sensorial (clairvoyance or sensation) perception of the initiates, respectively from the mystical

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\(^48\) “**Therapy by / through light**”, a category to which homeopathy also belongs, represents the BEMP\(_\text{Ph}\) type correlated practices ensemble of health state recovery, by renewing the structural and / or functional aspects that affect the human bio-psychic system.

\(^3\) The concept of “light” is used in this context in a generic way – that of an electromagnetic spectrum – without just referring to a visible radiation spectrum. It is a substitute for the broad collection of „complex light“, which encompasses all the possible connotations, beginning from The Uncreated Light to the potential light/field created on the first day”, more different from the corpuscular skylight, created on „the 4th day“ and completely different from the biophotonic, dual „living light” generated by the human coupling of the body with the soul-spirit.
experiences / feelings that have highlighted the individual human “aura” (human “ovoid of light”) significantly present around the head of some “saints” as well as around their bodies (let us remember “the Transfiguration” of Jesus Christ, when his entire body appeared in a “glorified form” to his disciples). Second, to the previous there has been added much experimental research of the living body, whose emission of light has become more and more highlighted and assumed.

Paradoxically, this is one of the few situations in which a subtle reality has been known first at an invisible/extra-sensorial level of the ethereal body, and then at a visible level of the substantial body. This has occurred because the technological means of knowing the human body has evolved more slowly than intuitive knowledge. The history of Homeopathy – for which we are just beginning to have solid technological proof – stands as a witness in this direction.

Let us follow, in terms of holistic / biophotonic medicine – in the sequence from soul to body, as healing should seem to be made – some of the available justifications made in this way.

*   *
*   *

The Indian and / or Christian belief of the seven “bodies of light” (etheric, astral, mental, spiritual, causal, atmic, budic) or of “the seven lives” from within the fairytale hero’s chest supposes that each level of light/frequency complex specific to the human hologram corresponds in a predominant way:

- Some activities specific to the human being: biophysics, physics (emotional, volitional) or mental (cognitive);
- One of the seven energo-informational vortexes, known in the Indian belief as the seven energetic centers (chakras), associated in their turn with important organs and endocrine glands of the human body;
- One of the seven colors from “the white light” spectrum ROYGBIV: red-orange-yellow-green-blue-indigo-violet, and one of the seven fundamental musical notes.

Each of these levels – empirically observed, through super-sensorial/subjective knowledge – corresponds in a certain way to an information and/or energy trap, maintaining a certain state of the human body. Thus, as “distanced” it is from the body, the energetic nature of the trap is replaced step by step with the informational nature. Each of these levels are thought to be homeopathically influenced according to the frequency level supposed by the active substance and, when needed, to the dilution degree.


All of these intuitive models – upon which a theory of holistic medicine has established its assertions – describe the geometry of invisible manifestations of the human system, in the category comprising the soul (emotional-affective) and mental-spiritual (cognitive-volitional) phenomena.

From this perspective it is difficult to state that the soul and spirit are “outside” the body sine-qua-non tied and depending on it, especially without having a structural definition of the two concepts, without a definition of the states that accompany them etc. Such a meaning will be sustainable only when we shall completely justify that a certain detachment of the soul-spirit of an informational-energetic field complex – bearing inclusive semantic meanings – is achievable without the human body, such as in long-distance informational transfer, etc. [Stânciulescu, 2010].

* * *

In the current stage of our research it may be stated that the soul – the ensemble of emotional-affective states of the human being – can become objective through a “semiology of light”, which can be read in specific expressions – colors, intensities, shapes – of the human aura.
The “LIGHT MATRIX” of the soul: a) images of different affective-emotional states (photos with AURA VIDEO STATION [cf. Manolea, 2002: 129]; b) the bio-psycho-field of a healthy person, during a meditation state (photo with RESONANT FIELD IMAGING) [www.item-bioenergy.com]

A last sequence that should be justified is represented by the existence of “THE SPIRIT”, which in the current frame we shall be associating with the mental-intellectual component of human activity. The fact that the human brain’s activity is essentially dependent on electromagnetic stimuli, respectively on the bioluminescent emissions that the brain generates and activates (memorizes) as cerebral holograms has been amply stated in another context [Stânciulescu, 2003b].

*  *

Accorded to and justified by the use of the instruments of Biophotonics, the two essential modalities through which light penetrates the human body are:

a) following the path of sensorial perception, at visual analyzer level, in percentage of about 80-90 %;

b) following the path of super-sensorial reception, at the pineal-pituitary complex level, supersensitive to light/electromagnetic fields, which is popularly known as “the third eye”.
Representations of „the third eye” [Guja, 1993, fig. 1a,b]: a) an electronographic image of the pineal-pituitary complex; b) Ajna Chakra and Sahasrara Chakra: symbolic representations; c) the intuitive representation of "the forehead chakra".

The fact that we are "governed" by light is becoming, for the contemporary scientist, more than a metaphor. In this direction, the physician Jacob Lieberman [1991] states – based on experimental research – that light containing the ultraviolet area of the spectrum is vital for the balance of bio-psycho-logical functions, whereas light that goes through our eyes is not only used for assuring our sight sense but also for activating the biological "clock" by means of the epiphyses and hypothalamus.

A special case of bioluminescence – already mentioned – occurs when the human subject is at a maximum activity/hyper-intellectual state. The photos below characterize such a special state. As a consequence, it was possible to register the aura of the human subject involved in an intense intellectual activity – sustaining a lecture at a prestigious symposium – on a normal photographic film.

Presumptive image of the human aura, appeared in a maximum psycho-logical implication conditions of the subject
“Hidden” behind “the column of light” – a possible resonating type of autonomous bio-plasma – we can observe the image of an "auric ovoid", a presumptive white colored bio-plasmatic condensation afferent to the intense mental mobilization [foto: Artemiza Ivanciuc].

An adaptation of the photo – using a special program from NASA, made by Dr. Mărioara Godeanu – allowed highlighting some distinct energetic levels, validating both the Oriental thesis of hierarchized / super-systematized energetic levels and the fact that the logical-mental state (the spirit) is also objectified through shapes of light. That these emissions (describable in colors, shapes, intensities) actually change – regarding the modified affective states of the human subject – represents proof that allows the following statement: SOUL & SPIRIT can be objectified and thus can be involved in balancing the body’s health state, even though a dysfunction may already appear at this level.

A practical consequence for correlating the psycho-affective disease problem is represented by the fact that the dysfunctions of the auric field are first distinguished by the cerebral and cardiac systems, which are extremely sensitive to the changes of the aura’s bio-psycho-electromagnetic field⁴⁹:

— by means of the pineal-pituitary complex, which is also extremely sensitive to “the auric light”;
— by means of the (electro)magnetic cardiac field, which influences the aura modifications [McCraty, 2010].

Contributing to a certain reconfiguration of the auric field, exogenous homeopathy will thus be extremely efficient in recovery of the psycho-emotional health state, before it installs upon the neuronal or cardiac support, and from here, through the implied correlations, affecting the whole system of the human body.

To this effect its prophylactic value is a generally ignored homeopathic dimension – especially exogenous.

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The fact that in ancient intuitions disease first appeared as a field / soul reality, then continuing to install on the corporal system, can be in its turn checked by modern bioresonant technology, from the electrographic technique to the biophotonic one.
**Electrographic images of a person:** a) at the ill person you can notice a strong right/left asymmetry both at the hands as well as the soles; b) the healthy person is defined by the bioluminescent streamer symmetry [Guja, 1993].

By interpreting these images it results that through the peculiarities of the bioluminescence, electrographic technology admits a clear difference between the aura of an ill biological system and a healthy one, beginning from cell level to the level of organic systems.

Having such coherent representations in which supersensitive intuition and modern technology combine, it is reasonable to conclude that – from a corporal point of view – man is “a being of light” that is projected from the interior to the exterior beyond its visible limits.

Through such a quality man assures a more refined support for the hierarchies of his soul and spirit by the instrumentality of what homeopathy calls – after Hahnemann [paragraph 9] – VITAL FORCE:

“In the healthy condition of man, the spiritual VITAL FORCE (autocracy), the dynamics that animates the material body (organism), rules with unbounded sway, and retains all the parts of the organism in admirable, harmonious, vital operation, as regards both sensations and functions, so that our indwelling, reason-gifted mind can freely employ this living, healthy instrument for the higher purpose of our existence”. http://www.homeopathyhome.com/reference/organon/organon.html
In biophotonic terms, Vital Force can be easily identified with the bioluminescent emission, with the energy that animates the body through the coherence of manifestation and its interaction based on holographic resonance. Bioluminescence is the base that allows the psycho- or noesi-luminescent field to manifest itself.

### 3.2.2. The cellular and organic traps of EI: an essential resource of homeopathic therapy

Developed in different circumstances [Stănciulescu, 2003; 2010], the cellular trap model explains the genesis of deep energo-informational resources of the body on the one hand, and on the other, the possibility of releasing them through therapeutic (implying homeopathic) stimulation. It is generally known that:

- In order to sustain a normal metabolism the human body uses only a relatively reduced part of the energo-informational resources available to it (within 5-20%), the rest being stored at different depth levels of the human body;
- The existence of these huge strategic stocks is justified by only one “reason”: the possibility of the human body surviving after the crisis generally represented by any over-soliciting, and especially disease.

What do these resources consist of? How were they formed? How can they be maintained and especially how can they be released? This is a series of questions that have not yet received a complete answer. The biophotonic perspective through formulating a series of explanations, more or less hypothetical, may clarify some of these ignored sequences in the relation between cause and effect generally in medicine, and particularly in (Exogenous) Homeopathy.

Correlated to this phenomenon, another essential aspect must be highlighted even though it is generally ignored by specialists, more precisely:

- Rigorously calculated, the real amount of energy expended by the human body in daily metabolism is much greater than the few thousands of kilocalories consumed through daily intake of food;
- Thus, a natural question arises: From where and through which channel does the human body assure its energetic resources without quickly consuming its strategic stocks?
To such correlated questions that have not yet been given a satisfying answer from a scientific point of view, BLT provides an explanatory theory related to the presence of organic liquid crystals everywhere in the human body. This presence can explain one of the ignored resource-generative mechanisms of Energy-Information type, based on the piezoelectricity effect that is determined by exogenous sources, as follows:

— Any type of exterior stimulus to the body, that is strong enough – beginning from the sonorous vibration of thunder or the strong light of lightening to the wind breeze, music or to the sensitive touching of clothes – generates a piezoelectric pressure over the membranous and cytoplasmic crystals which release electrons and default (bio)photons, electric current and light;

— The ultra-weak pressure of some (bio)photon generating sources, from the biophotonic resonator category will determine an indirect piezoelectricity effect, described by the previously mentioned holographic resonance mechanism: the field of the receptor will receive information from the issuer, which – if transmitted with a certain constancy, frequency, intensity and amplitude – could be received by the membranous liquid crystals thus triggering the piezoelectricity phenomenon.

The endogenous mechanisms that follow this process, according to the explanatory principles of BLT, are thoroughly described in the following.

● **The cellular level.** After the incidence process of (bio)luminescent radiation induced inside the human body, on the cellular level (first and foremost in the nervous system, but not only here) and on the level of tissues and organs (the organ complexes), there appear the profound reserves of energy and information in the organism. Thus, the living organism appears as a hierarchical system with “energy-information (EI) traps” having different levels of complexity, namely:

a) **The cellular reserves of energy** are made, first of all, on the level of “mitochondrial traps” (by means of electrons and protons stock deposited as a consequence of macro-energetic processes, respectively of ATP and steroid synthesis). The information reserves are accomplished predominantly on the level of the mitochondrial and nuclear “DNA traps” – into the field on DNA catena, namely, as a Cazimir side-effect – within which a large quantity of bio-photons is deposited, as research guided by F.A. Popp et al. have demonstrated [1989]. The circulation of energy-information (E-I) of this kind is made:
On the nervous system level, through which we transmit mostly electrical impulses (as a membrane potential of action and repose, predominantly energetic) on the one hand and on the other hand by means of whose interior (through a system of “optical fibers” within the cellular chain) biophotonic information is transmitted;

On the “nadis” network level, as the Orientals call the subtle network through which vital information is received and transmitted through the entire body, the network theoretically postulated by the bio-structural model conceived by Eugen Macovschi [1969] and validated empirically by electron microscopy; the two major E-I “nadis channels” (complementary “paths” of the bioluminescence fluxes, one ascending and the other descending), disposed along the backbone, correspond to the “path of light” previously mentioned, as having a daily and nightly cycle.

\[\text{Representations of biofields and bioenergetic paths: a) Chinese illustration indicating the energetic paths of the body’s anterior side; b) Hindi integrative layout with bioenergetic indications of electrodermal surface and interconnecting biofield distribution between the inner and the outer parts of the body: a structural and functional connection between exo- and endogenous homeopathy [http://www.topshiatsumassage.com]}\]

\[\text{At the level of organs, the energy traps are predominantly represented by nutritive resources, those of treacle polymer type or of the macroergical type. The informational resources are predominantly deposited on the level of the seven shiny fields of the vortexes/chakras and they are interrelated with as many organic complexes as the organism itself has. Thus, the energetic-informational circuit is conceived:}\]
— On the level of the major meridians (energetic circuits), already mentioned in Oriental traditional medicine (e.g., acupuncture) and highlighted by electro-dermal measures), correlating the physiological functions of all the major organs;
— On the level of the complex informational circuits, defined by bio-field fluxes which cover the nerves, the “nadis” micro-circuits and the meridians.
According to BLT, all these micro- and macro- E-I traps are embryo-genetically interrelated meaning that:

- Every “informational trap” (bio-photonic / radiant) placed on the cellular or organic level has as a necessary correspondent in the energetic support of an “energy trap” (electronic-protonic or biochemical); everywhere in the body we will find “pair-traps” diffused in this way, characterized by the relationship between a substantial substratum or/and energetic (shape), belonging to a specific informational complex (contents). The number of these traps is variable, depending on the maturity state of the body, on its state of health etc.
- Every well-placed trap-complex on the cellular or organic level is in a resonant/informational coherence (through identical frequencies) relationship with other E-I traps, disposed in other areas of the body.

A schematic representation of the holographic-embryonic levels of the human body: the holographic correlation between the hand and sole area with the main organs and endocrine glands, which explains the mechanism of Acupressure, Reflexology and Acupuncture thus also implying Homeopathy [http://sujoktherapy.blogspot.com/archive.html].
The connection / coherence of the EI traps that are present all over the body, is accomplished by means of the very process of embryo-ogenesis, taking into account that they:

- belong to the same original embryological foil (endoderm, mesoderm, ectoderm);
- are subordinated / correlated to a major organic complex;
- their onnection is maintained by means of the E-I channels (meridian system, nervous system, "nadis" system) built during the process of embryo-ogenesis, under the structural effects of bioluminescence.

This structural-functional description of the human body suggests that the energy-information-bioluminescence through which life itself is defined, travels through the energetic channels of the body, the nadis network, and also extends outside of the body through invisible “channels of light”. As such, the “biological lasers” model may, through the mechanism of generating bioluminescent emissions transmitted by the help of linked bio-lasers, be suggestive for possibly understanding the propagation channels of endogenous and exogenous homeopathy.

This is how we can explain the way in which – in the light of the organism’s holographic light structure – every zone in the organism (tissue, organ etc.) always has, as an E-I reserve, one or more deposits hidden in some other location within the organism. These deposits are in a coherence / resonance relationship (by means of identical frequencies) with other pair-deposits, embryologically or metabolically defined in the process of the organism’s morphogenesis. This E-I redundancy mechanism explains all the energetic and informational substitution phenomena specific to the human organism (the malfunction of an organ / zone is partially supplanted/supplicated by another one’s activity), the protection and regenerative mechanisms of the organism, etc., stimulated by adequate frequencies such as those of homeopathic remedies, etc.

*Understanding this holographic organization of the whole which is represented by the human body makes it possible to explain the way in which therapies such as acupressure, reflexology, acupuncture etc. work; therapies to which homeopathy is strongly related. It is enough to mention for example that acupuncture needles having the information of homeopathic remedies (by simply introducing them into the homeopathic dilution) strongly amplifies the therapeutic effects. This happens because in such a situation the energetic effects generated by acupuncture are adequately doubled by the informational, homeopathically generated effects.
Understanding the releasing mechanisms – of E-I resources, embryogenetically stocked in areas that maintain the same frequency even after the body’s aging – represents the key to any balancing / optimizing process of the human body and thus implicitly of homeopathic procedures. Once inside the human body, a remedy stimulates by resonance / super-radiance the release of all the similar E-I traps present in the organism: directly, due to a “resonant tropism”, or indirectly, by the brain’s coherent commands addressed to the affected organs.

The major E-I circuits of human body: 1a) anatomic schema of the nervous system, suggesting the two circuits of light: “daily” / input / descendent (working ExHo too) and “nightly” / output / ascendant (working only EnHo); 1b) the three Indian major E-I circuits (I = Shushuma; II = Pingala; III = Ida); 2a) Hindu schema indicating both the internal and external bioluminescent circuits (EnHo i ExHo); 2b) Chinese schema of the E-I acupuncture meridians

In this frame, each homeopathic remedy, exogenous or endogenous, is representing a type of computational “diskette-system” able to remember the right functional and structural patterns – frequency (field-energy) and amplitude (information-form) – of a certain biological structure (cells, organs) when that structure loses its “functional memory”, becoming ill. In this way, in the context much external stimuli, the body is selecting only those it “likes” best, namely those stimuli having a curative effect upon the body’s health.
3.3. THE „BIOPHOTONIC RESONATOR”,
A SYNERGETIC MATRIX\textsuperscript{50}

Starting from the already presented biophotonic bases, the need of an analysis of the Exogenous Homeopathy (ExHo) structural attributes – assuming, implicitly, their comparison with those of the endogenous homeopathy – becomes necessary and possible. In this regard we describe in what follows the specific parts of any type of system / ExHo remedy of a biophotonic resonator respectively, by tracking:

— the nature of the active substances that can act as a \textit{materia medica}, their form of aggregation, the substantial support which homogenizes them, where appropriate, methods of conservation and dispersion

— \textit{additional stimulating parts} of the exo-homeopath system, aiming color, volume form waves and plane waves, various stimulating accessories.

As already stated, since the field effects are receipted firstly in brain and heart, we can say without being wrong, that the psycho-mental illnesses – such as asthenia and apathy, or stress and psychical nervousness etc., with implicit consequences on the heart activity – are the first that will react to the ExHo stimuli.

3.3.1. The energo-informational stimulation of biological systems, an emergent application of Exogenous Homeopathy

In the context of verification and validation – with the help of science and top (bio)technology – the beneficial effects of some ancient therapeutic practices and their recuperation for the benefit of modern people, becomes not only possible, but also necessary.

In this way, procedures for stimulating the human health state are already known – through the previously defined mechanism of \textit{Exogenous Homeopathy} (ExHo) [Stănciulescu: 2011a] – with the help of the traditional “medicine bag” hanging at the neck of Ötzi, the oldest man preserved in the ice of Alpes mountains, or used by the American

\textsuperscript{50} This is the general title of the six articles successively appeared in HPTHY 4 EVERYONE [http://hpathy.com/homeopathy-papers/“biophotonic-resonator”...], January till June 2011 issues. Consequently, some (sub)chapters of the present book could be find too in the page of the Journal. Again, all my gratitude for the chance of this first public presentation.
Indians as a system able to keep the memory of their body health, the amulets with stones and symbols of the old Celtic people, magically stimulating the human body energy, the “curing belt” of the Zamolxian medicine, containing “witchcraft plants” able to transmit their protective vibrations around the human being, etc. All these are adapted today – by using the privileges of modern (nano)technology – into “therapeutic pills” of extreme protection against viruses, “phytotherapeutic devices” for recharging the energetic equilibration of the human body, in technologic instruments for protection against the harmful emissions of electromagnetic radiation, etc.

Being a result of such a technologic recovery, the BIOPHOTONIC RESONATOR (“BR”) is a device which stimulates and harmonizes the human health state, essentially based on:

— the interdisciplinary results of biophotonics, developed by a group of researchers at the National Inventics Institute of Iasi (Romania), and practically finalized through many invention patents, among them: the Biophotonic Resonator for the energo-informational stimulation of the biological systems [1];
— the principles of therapy through bioresonance (belonging to quantum / vibration / informational medicine and implicit to Exogenous Homeopathy).

The BR is a trademark distributed and registered ™ – among other specific realizations of the inventors – by the brand already known as:
In conclusion, we can say that the operating principle of the «BR» has been known since the beginning of time, and can not be claimed by any of the authors of the inventions mentioned above. However, the scientific substantiation of its structural-functional principles (from the perspective of the Biophotonics and ExHo implicitly) and its technological manufacturing in accordance with these principles can be seen as an innovative reference contribution.

It is exactly this innovative contribution that made the connection of BR and many other biophotonic products – such as homeopathic health – stimulating clothing, utility products, architecture etc. – to be very well appreciated in the inventics salons and exhibitions.

Types of interconnected applications of ExHo: the „Biophotonic Resonator” and the „Biophotonic Clothing” complex, inventions recently (re)presented by Traian D. Stănciulescu at «EURO-INVENT EXHIBITION», International “SALON OF INVENTICS” and first INVENT-INVEST «SIR 20», 2010 (Iasi, Romania), where the inventions received the gold medals.

3.3.2. Theoretical and experimental premises: virtues and limits possible to be optimized

In order to justify this point of view, it is necessary to continue to present – as it is performed at the description of any invention – a series of dysfunctions / weaknesses of the already preexisting systems, which the Biophotonic Resonator has managed to overcome.
As we have already suggested, all the practices of old and the new (bio)resonator systems have as implicit:

- The optimization of the „vital force” of the human body and of the immune system respectively, by amplification / release for proper behavior purposes, of the energy-information resources owned by the receiving system.
- The body’s protection against the natural or artificial radiating sources, disruptive to human health (from the effects of the telluric waves up to those of the electromagnetic transmitters and radioactivity, from the harmful vibration of the viruses up to the biophotonic emissions of the human being).

Through these common virtues, all the bioresonator types mentioned have been implicitly formed as ExHo type products, without someone being able to explain the phenomenon from the perspective of an integrating science, as Biophotonics is.

As a consequence, through an interdisciplinary study of the structure and operation of these systems and mechanisms, it was possible for me to discover that the pre-existing systems present some objective theoretical and / or practical disadvantages namely:

- Their manufacturing and use is not based on a relevant scientific theory able to explain the vibrational unit (of resonance) of all living systems (plants, animals, humans), the interaction of the biological systems with other similar types of systems (of biological origin, as the „Biophotonic Resonator” is, for instance), to distinctly highlight the resonance mechanisms – of energy and information – through which the latent resources of the receiver system are stimulated, etc., – and, in this way, to control both the construction and the use of the proposed invention.

- The preexisting stimulators have not been designed in a synergetic vision, namely:
  a) On the one hand, such product type operates by stimulating a limited number of parts / a limited number of stimulating items (usually for their manufacturing, the composition of the active substance, natural or artificial, was taken into consideration especially, ignoring other structural features which could synergistically intensify / amplify the effects, such as form-shapes, colours, volumes, etc.).
b) On the other hand, the bioelectromagnetic effects generated could not be seen in the complementarity of their properties, namely, as being equally capable:

— to „positively” activate / stimulate certain energo-informational properties (EI) of the receptor system (for example, to stimulate / amplify the frequencies of the human body inhibited already by disease;

— to „negatively” act (through elimination / inhibition / reduction on the dysfunctional waveform aspects which are influencing the (EI) health state of the human.

• The previous bioresonating systems were not designed to act both at the holistic level of the biofield determined by the whole biological system (at the auric level of the human body as a whole, for example), and at the specific level only of a certain subsystem of this (at the level of some organs of the human body, for instance). This made their use unable to correlate the bio-resonance effects with the specific mechanisms of the therapeutic remedies already known and effectively used (such as those of homeopathy, for example), and therefore, unable to explain and control the manifestation, sometimes paradoxical of the optimizing EI mechanisms (for example, stimulation and not elimination of the symptoms of the disease, taking in view that these symptoms are the sign that the human body triggered the self healing process).

• Due to some ignored conditions / methodological and technological possibilities, the qualities of the existing biostimulating systems have not highlighted and objectively measured the interactions between the components of the active substance and the human receptor (but only subjective measurements, radiesthesic type, for example) due to the unavailability of such measuring devices, which makes the existing resonators effective only in certain situations (when between the resonators’ substance and the human receptor is a genetic correlation), but with no effect in other situations (for example, where the EI level of the person subject to the optimization is higher than that of the bioresonator).

• Insufficient concern was given to the achievement of simple and effective strategies regarding the location / maintenance / replacement of the devices on the receiving system (the human body), the existing solutions being uncomfortable (adhesive plaster, for example);

• Not all the possible states of aggregation of the active substance are exploited (solid, liquid, gas, plasma), but only one of them (the solid one, usually).
• The synergetic possibilities for maintenance / activation and stimulation of the active substance EI properties are not taken into account and there is insufficient protection against degradation factors (such as water, heat, etc.) beginning with the proper encapsulation of the active substance to storage of resonators in a adequately protected box.

• The correlation between the objectivity of the bioresonator EI effects is not exploited; correlation determined by the vibrational properties of the active substance, and the subjectivity of choosing other options (based on the „aesthetic criterium of pleasure”, for example), which will further contribute (by the „placebo” type effect) to the beneficial effects).

• A part of therapeutic optimizing products based on signal transmitters / resonance waves do not use natural sources of signals, but only artificial resonators of physical / mineral and / or electronic type, the interference between the waves of these resonators and those of the biological body being less effective, which makes the expected effects of the proper behavior to be diminished from the very beginning;

• The technology used in the manufacture of the equipment for diagnosis and treatment based on bio-resonance is very expensive, and does not allow wide access to its use. Some natural type bioresonators are still sold on the market at high prices resulting from the recommendation to use a large number of devices (even up to 12, in cancer case) in order to be placed in different areas of the body and fixed by an enough incommode system (us).

* In synthesis, it can be said that all these type of bioresonators systems have been designed mainly as a means of implicit regulation (the EI mechanism left un-explained, like that of homeopathy) of different dysfunctions by stimulating the autogenerative capacity of the receptor system, but:

— were not viewed, in the same time, as a mean of preserving the “connection / adjustment power” of human being to the natural and / or artificial environment, this way ignoring the possibility of using the bio-resonance effect to optimize the relationship between man and (the objects from) the environment.

— were not conceived & designed to contribute in the same time to the optimization of bio-psycho-social relations between people, through energy-information mechanisms of resonance of inter and / transpersonal nature.

Finally, I appreciate that the characteristics of the «BR» patent which will be briefly presented in the next paragraphs, represent an innovative solution able to overpass all the above mentioned constraining or unsatisfactory aspects.
3.4. STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF A BIOPHOTONIC RESONATOR

As a relevant example from all the practical manufacturing possibilities of a BR, in our patent was chosen the relatively simple variant that is presented as follows.

3.4.1. Structural particularities

From a structural point of view, the «BR» device in the proposed patent consists of:

The main structural elements of a Biophotonic Resonator complex, accorded the brevet

- An active substance A, consisting of a composite of organic powder, produced by mixing a variable number of 6 up to 54 ingredients of plant or protein origin, extracted from medicinal plants (flowers, leaves, roots, etc.), from other organic substances of vegetal origin (bark, roots, industrial or food plants, etc.) or animal nature – proteins (such as animal hair, pollen, keratin or shell powder, etc.) –, biological substances characterized (in their natural state) by the general attributes of the laser active substance: the ability to absorb and emit stimulated light, frequency modulation, directionality / polarity etc.
**A support container B**, made of a transparent plastic material (which is permissive to light), having a quasi-rectangular shape, slightly rounded at the edges (a form closer to that one of an organic cell), the container being provided with an empty resonating cavity and in its interior will be encapsulated the active substance with a cover white lid, specifically / biophotonically treated with (bio)laser or with polarized light, that perfectly sticks by using a special solution necessary for inner surface protection against the absorption of moisture. The plastic resonator box is provided with a hole for wearing it as a pendant.

**A leather or textile fiber strap C**, having variable length, is designed to hang the resonator on the neck and to be worn as a pendant, placed as needed on the top or bottom of the body, on the chest or even on the back of the human subject.

**A set D of eight colored stickers D**, having the same dimensions with the resonators’ cover lid (seven of the stickers having the colors of the rainbow spectrum and one of white color), with filtering role / energo-informational transformation of the incident light in the resonator and of the bioluminescence emitted by its’ active substance, by exploiting according to necessities the therapeutic effect of colors and the “wave forms”, each sticker having applied a geometric design (of “mandala” type) with the function to energo-informational focalization of the resonators’ emission toward one of the seven endocrine organic centers (chakras) of the human body.

In case it is needed, the device can be covered on both sides with the same type of color stickers and stimulating design, or stickers having two colors and different mandalas, orienting the frequencies of the biophotonic emission toward the frequency of one of the seven energy-information centers of the human body, on the one hand, or being covered with the white sticker and the adequate mandala, which directs the emission of the bioresonator to the biofield of the human body as a whole, on the other hand.

**Photos of the three main types of BR’s** (from left to right): a) stimulating, inhibiting, equilibrating; b) photos of the two faces of a general «BR1», equipped with white and violet colored mandalas, stimulating the whole auric field of the body and the cerebral (spiritual-emotional) one.
The healing / optimizing properties of the active substances used for realizing a certain type of «BR» are determined by some homeopathic aspects, involving the specific type of bioluminescence emitted by the active substance of the remedy, by its degree of dilution namely.

* 

As the biophotonic justifies, we already saw that similar to the classical homeopathy, ExHo bases on the informational-vibratile properties of some homeopathic remedies – belonging to materia medica – on the ultra-low emissions generated by a biological or physical system respectively, outside of the human body-liable to be received and processed by the (supra)sensors of the human body.

a) In general as active substance can be used any biological (vegetal / animal) or physical (mineral) substance capable to influence, by specific frequencies the different categories of human receptors, at their different systemic levels, beginning wit the DNA till to their aura layers. Here two issues must be considered, namely:

— the active substance should have the property to interact with all type of frequencies / wave length of the genome / human type involved, evaluated from the perspective of their energy- information properties, with specific measurement technologies; thereby to a remedy is assured the quality of being operational / to influence any type of human body;

— that the intensity of the biophotonic emissions of the issuer, of the active substance chosen, to be enough intense and constant in time (to maintain its influence a time sufficiently long), so that the receiving system of the body to be able to take the information transmitted and to process it.

Depending on the substance / active substance chosen as having therapeutic value, a BR systems could be generated by involving:

● Only one function / curative direction, by using a single active substance (or a combination of active substances, exo-homeopathically oriented to one and the same effect), being known as a cure for a single disease, for instance, this system is operating based on the principle of the unitary homeopathy, that constantly uses a single category of homeopathic remedies, even if they are subsequently successively changed, related to the evolution in the healing process; this alternative can be used in EH for the chronic diseases especially, considering the need of permanently wearing of a stimuli capable to inhibit the manifestation of an already chronicized disease;
A combination of diverse active substances, similar to the system of polichrest remedies, capable to solve a wider range of healthy problems, through the ability to transmit a wider spectrum of frequencies to the body, in other words, a more complex hologram versus to the situation of the unitary remedies.

To prove that these properties exist, on the one hand, that they interact with the human body, on the other hand, was the main concern of the researchers in this field taking into consideration that:

— the presence of the ultra-low emissions, in the electromagnetic (bio)field range can be hard to be evidenced and measured, which means that- despite the theory that sustains the dualism corpuscle-wave – for many followers of the conventional science, the existence of such fields to be put in doubt;

— the interaction between the human body and the systems / remedies / homeopathic resonators is difficult to be evidenced and measured with the conventional measuring & calibration equipment.

In order to surpass such difficulties, the studies I have done in the field of biophotonics in the context of previous researches [Ştănciulescu, 2005], have shown experimentally that:

● each psychical or biological substance – including those under the form of nano-powder – is able to emit an energy-information (bio)field, more or less complex, depending on the structure of the related substances, fact implicitly used to manufacture a BR.

● the interaction between the human body and a substrate carrier of specific energy-information generates specific effects on the human receptor, through an E-I exchange of information, in which one of the systems influences the other one, and vice versa.

Images of a biophotonic resonator type RB 1, with a number of 12 active substances: a) finished product, encapsulated in plastic case; b) electrography of the RB in the plastic case; c) electrography of the active substance, powder.
From the wave-resonator properties point of view, the ExHo remedy does not differ fundamentally from *materia medica*. The way in which influences the human healthy state differs by:

— the initiation of the therapeutic action in the case of the exogenous homeopathy is firstly made outside the human body, unlike the endogenous homeopathy which becomes active only when the remedy is introduced / dissolved inside the body. But, as already mentioned, the external stimulus becomes internal, being intercepted by the subsystems of the biological body through holographic resonance mechanism. In other words, the two strategies have different starting points, but they met themselves “in the middle” of the therapeutic process, in order to conduct the same type of therapeutic mechanisms.

— the modality of storing, transmitting and receiving the information is also different from the structural point of view, but not from the functional point of view, taking into consideration the following three aspects:

- **The system / substrate of conserving the exogenous information.** Through the system of using the active (mycro)source, ExHo does not give up on the presence of the substantial substrate / *materia medica*, by maintaining its information in a random substantial – wave form, respectively:

  — powder of biological substances in very small particles, up to the nano-scale, kept in a natural state in different types of containers / resonating cavities, dissolved / diluted or not, able to preserve the quality of a biophotons emitting source; the option for an active substance exclusive biological is preferable in the production of Biophotonic Resonators, having in view that the interaction of two biological systems – talking about the biophotonic emissions with similar properties – is much stronger than that one of the physical systems, or that one of an interaction between a physical system with a biological one;

  — keeping the active substances in different aggregation states, solid, liquid, gaseous or plasmatic, prepared in this way in order to keep the liquid crystal cell in a functional state;

  — dissolving / dilution / dispersion of the active substance under the form of emulsions, gels, solutions in water or diluted in alcohol, which keeps its biophotonic properties, of a certain degree of dilution, thus such a RB – keeping the homeopathic dilution in a vial, for example – becomes similar with a classic homeopathic remedy, but acting exogenously;
— the insertion of active substances in different structures / material, biological supports – such as leather or vegetal, textiles treated with cyclodextrin, able to encapsulate medicinal powders, therapeutic plant extracts etc. – capable to preserve and amplify the bio-physical, vibratile properties of the recipient body, through their own structure;
— the dispersion of the active substance in the radiant systems, having large surfaces, such as walls painted with homeopathic remedies, diluted in various liquids.

3.4.2. Functional properties

As regards the functional aspects of the BRs, connected to their structural aspects already mentioned, additional statements are to be made from the very beginning::

3.4.2.1. Additional statements

1. Having in mind the structural analogy between the active substance of the ExHo, we formulated the hypothesis that the remedies of the endogenous homeopathy could work in a ExHo way too. The actual study of our still developing research has already received the practical argument that such a hypothesis is experimentally justified. I am expressing, in this context, my gratitude to Alan V. Schmukler for his very suggestive and profitable message sent some time ago, as a confirmation of the above mentioned hypothesis. In this way, he wrote:

“...My own homeopath often asks patients put the remedy under their pillow or carry it with them, as she believes the effect is manifested even that way. Bringing the correct remedy near a person's head is said to produce a brief dilatation of the pupil. These are distant effects, although small distances”.

And, Alan continued his message with a series of very pertinent questions concerning the structure and functionality of the «BR's»:

“...Are your Biophotonic Resonators designed to project or telegraph the frequency of the substance inside of them? Do they have the general effect of increasing someone's life force or raising their frequency? Are they chosen for a particular person or health problem? I would love to see one”.

Having in mind the general information already presented till now about BR’s, we could precise the all the above formulated questions have a unique answer, namely: YES.
2. The vegetable and protein ingredients used to make the composite of the bio-resonators’ active substance are characterized by a maximum purity from the ecological point of view (are taken from unpolluted areas, ecologically pure, and from fully healthy biological sources). The areas and the sources of origin for the active substances, the conditions of their collection, preparation and conservation, represent one of the “trade secrets” of the patent, having in view that the same plants, for example, but coming from different areas, have different EI characteristics (frequencies and lengths wave, amplitudes, intensities etc.). Or, for the ExHo effects of the «BR», the knowledge of these characteristics is essential to achieve the desired ExHo effect.

3. The setting / determination of the active substances, chosen to achieve several different types of «BR», was established by means of two types of complementary measurements, namely: informational-radiant type ones (using different unconventional bioresonance devices or systems) and substantial-energetic ones (involving energetic / biochemical type of analyses).

4. According to the nature of the elements used for (the formula of the mixtures represents another very important “trade secret” of the patent), it is possible to put in evidence many types of bioresonant active substance, able to stimulate, to inhibit or to maintain the equilibrium of the receptive biological system.

**Electrographies** (realized by Dr. Cornelia Guja) of different types of «BR»’s active substances (vegetal + protein powders, framed in a plastic box. As many different types of active substances, as many stimulating «BR»’s resulted, with different curing effects accorded different types of illnesses, namely: stimulating / energizing / conserving effects.
5. **Determination and choice of the biologic referential involves a special measuring biotechnology** – the “genetic bioresonance” device, namely – in order to establish the compatibility rate of the bioactive vegetal and protein substance with the energetic-informational types of DNA, which makes every type of «BR» become functional in every possible human way and not only to some particular categories of users. The utilization of this genetic analysis technology for the emission generated by the DNA matrix of each component of the active substance in order to choose those active elements which go over the maximum value specific for the human being (having 5 major values on a scale between 5,2-6,2 m) [Brasoveanu, 1998]. Thus, the functionality of the «BR» was ensured for each type of human subject that could use them, avoiding the risk – generally ignored – of functioning well only for certain categories of human subjects.

6. In addition, each substance used here was tested from the biochemical point of view by the experts from the PLANTAVOREL (Piatra Neamț, Romania) Involved in the pharmaceutical industry highlighting that [Ionescu, 2007]:

— *None of the substances used in the «BR» composition is harmful from the biochemical point of view*, the nano-powders obtained from different vegetal or protein sources having properties of homeopath remedy.

— *The presence of some biological reference points out a double function*:
  a) **the biophotonic function** of optical stimulation of the processes of bioluminescence / holographic resonance from the «BR» level, on the one hand;
  b) **the biochemical function** of generating some biochemical (and implicitly biophotonic) effects, with beneficial (phytoterapeutic) consequences for the human health, on the other hand.

■ **Biophotonic properties.** Summarizing the information given by the specialists in phytotherapy, we can point out *the aspects connected to the optic function*, a function generally ignored, as follows:

→ **THE CAROTENOID PIGMENTS** (having an antioxidant biochemical action) represent the totality of vegetal carotenoids which have *the capacity to absorb some luminous radiations*, which favors the production of biophotons at the level of the active substance of the «BR». The activation of this function contributes to the maintenance of youth in the cells and tissues.
THE CHROMIC PIGMENTS (having an important role in the biochemical reactions of oxide-reduction) are substances that contain in their molecule a nucleus having chromophore properties, which permits their reversible passage (through reduction) from the state of colored pigments to the state of colorless pigments and the other way round. This property favors the processes of absorption and stimulated emission of the light / of the electromagnetic waves which penetrate the colored filters of the “BR», by selective transfer to the body of the information / frequency of these waves.

THE FLAVONOID PIGMENTS (with a biochemical action of antioxidants or vitamins) are yellow crystalline substances, soluble in water and alcohol, known as flavones, which have maxim values of absorption between 335-350 nm, respectively flavonols which have the absorption spectra between 360-380 nm. In accordance with the mentioned spectra, these pigments have the capacity of absorbing the ultraviolet radiations, protecting thus the cellular cytoplasm from the harmful effects of this radiation.

THE GLYCOSIDES (made by two components – one that is glucide and another one that is not glucide, called aglycone) have therapeutic homeopath properties in small doses, like in the case of the active substance of the “BR», but in big doses (it is not the case with the «BR»), they can become toxic. The glycosides are crystalline, solid substances, colored or colorless (depending on the type of the aglycone) that display an optic activity. By doing so and being present in the active substance of the resonator, they mediate / amplify the already mentioned biophotonic phenomena.

Biochemical properties. A series of other components which make up the mass of the active substance of the «BR», do not have specific biophotonic properties, but are generators of bio-electromagnetism like any other biologic substance that keeps a part of its qualities activated in the presence of the light / bioluminescence of the human body. In these substances – with preponderant biochemical function – the specialists from PLANTAVOREL emphasized:

THE PORPHYRINIC PIGMENTS (chlorophyllian ones in the first place) have on the body – both internally and externally – an anti-infectious, disinfecting, deodorant action, being recommended in phytotherapy for their purifying, anti-anemic, tonic effect.

THE POLYSACCHARIDES (among which is insulin), widely spread in the vegetal and animal kingdom, contribute to the improvement of the calcium absorption, to the regulation of the metabolism of the lipids and to the reduction of the risk of atherosclerosis.
THE ETHEREAL OILS are liquid, volatile substances, with an aromatic perfumed scent. They are volatile in water, soluble in organic solvents or fats, and have the role of a spice, antiseptic, antispasmodic, stomachic, etc.

THE LIGNINS are macromolecular substances which accompany cellulosics in different organs and tissues of the plants, being spread in the vegetal kingdom, occupying the second place after cellulosics, in the mass of the vegetal systems, fortifying the structure of and sustaining the biologic system.

THE VEGETAL (UN)-HYDROLISED TANNINS are substances known for their multiple therapeutic applications, due to their astringent qualities, used therapeutically as anti-diarrheic, anti-fungal substances, as antidote against ulcer, colitis or intoxications with alkaloids.

The official results received from the «LAREX» laboratory proves that, from a biochemical perspective, all the active substance used in the most complex «BR» are not at all harmful.

The presentation of the bio-chemical properties of these substances – available to specialists only (maybe, in this presentation homeopaths will find some profitable suggestions, for improving their Materia Medica) – is very important from two points of view, namely:
to reveal the fact that – in one form or another – all have therapeutic properties; their biophotonic emissions stimulate the therapeutic information, generating homeopathic type effects (ExHo);

- the synergy of the substances used, determined by their mixture within any «BR» is deprived of any harm, as it was witnessed by the standard laboratory tests LAREX applied to the active parts of the most complex resonator (the one with 54 active ingredients).

* In conclusion, we can consider that the biophotonic and biochemical properties with therapeutic effects of the active substance are implicitly generators of beneficial / vibratile / bioresonating manifestations through:
  — the functional correspondence between the wave and the corpuscle, having as effect the generation by the active substance of the “BR» of a biofield with undulating properties depending on the biochemical properties of the substantial substratum;
  — the interaction of the BEMPh (biochemical, electric, magnetic, photonic) processes in the human body, any biochemical process unleashing a biophotonic process in the body and the other way round.

3.4.2.2. On the synergy of EI stimulating functions

The synergy of therapeutic mechanisms of a certain «BR» – of the (bio) electro-magnetic/ biophotonic type – is determined by a complex of synergetic effects resulting from: the active substance involved, the 2 and 3 D forms implied, the colors and the accessories involved.

(1) The resonant effects of active substance (active principles) are resulting from the synergy of the following specific effects:

- The effect of “Exogenous Homeopathy”: the vibration of the active substance (made up of a certain mixture of vegetal and protein nanopowders, differing according to the recipe used) is able to stimulate from the outside of the human body the latent energy-informational (EI) resources of the human body throughout the already presented mechanism of “holographic resonance” [Stănciulescu, 2011a,b], generated by the ultra-weak biophotonic emissions of the active substance. The objective presence of these emissions (“the aura”) can be emphasized through spectral, electrographic, biophotonic analysis, etc.
• **The effect of resonance / coherence**, established between the human body and the biophotonic emissions of the protein and vegetal indicators, that make up the active substance of the «BR», involves a spectrum of frequencies varying between 6 and 54 distinctive values, a spectrum that depends on the number of ingredients used for the realization of different active substance types.

*Electrographies of the simple active powder, realized without the protective plastic frame above presented, proving the different types of bioluminescent effects: stimulating, inhibitory, equilibrant.*

All the biologic references used in this sense, being vegetal or animal, have a *maximum purity* from an ecologic point of view, coming from unpolluted areas, that is from completely healthy biologic (animal) sources; their vibration “reminds” the organs affected by the disease (disease = a loss of the biologic memory of vibration) the correct frequencies according to which they have to pulsate.

(2) **The bio-stimulating effects of the 2D and 3D “form waves”** generated by:
— the figures (mandala type) printed on the clinging film / stickers placed on the body of the bioresonator, implying the specific focalization of the biophotonic emissions of the active substance;
— the different cavity / form of the resonator where the active substance is stored.
A comparative study of different types of forms: a) curved lines, able to limit (the circle case) or to amplify the waves of forms emission and intensity (the ellipse case); b) different types of black and white drawn mandalas – used for «BRs», proving that the ultra-low emission of light is following the details of shadows-forms [cf Guja, in: Stânciulescu, 2008].

(3) The effect of chromatic resonance (chromo-therapy) which doubles the effect of the form waves, orienting the (bio) photonic fluxes – emitted with different frequencies by the active substance – towards a certain area of the body, towards a certain organic complex, throughout the mainly monochromatic RAINBOW colors + WHITE filters of the clinging films placed (in accordance with necessities) on the «BR» body.

The synergetic effect of colors and “waves of forms” [Poenaru, in: Stânciulescu, 2008]: the associated electrographies are proving very clear informational aspects different for violet, red and green filters and mandalas, able to differently influence the biofield of human DNA, cells, organs.
All the above mentioned phenomena are supposing a double biophotonic / optic effect of the bioresonating complex, namely:

— the permanent penetration of external (bio)electromagnetic resonance, IR, UV, respectively of the bioluminescence of the human body, in the transparent cavity of the resonator, activating / amplifying thus the three types of active interior substance: hypoactive, equilibrating, hyperactive;
— the (re)transmission of the bioelectromagnetic emission amplified and stimulated, generated by the traces of the powder already activated as biolaser / “biologic laser” by the aura of the human body.

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According to these effects, the stimulating principle of the “BR” activates the mechanism of holographic resonance / interference established with the human body and involving the stages already presented into a previous frame, namely:

— the waves / information are transfered from the “BR” level towards the specific waves of the human resonator (the cellular aura of the organs and of the organism as a whole);
— the interaction between the waves emitted by the “BR” and those generated by the receiving biologic system, through the “holographic resonance” mechanism;
— the transfer of information / frequencies at the level of the receiving biofield (cell, organ, organism), modified by the constant presence / behavior of the «BR» towards the liquids crystals of the membranes (the finest substantial biosensor known until now);
— as a consequence of this resonance mechanism, there is a modification in the structural-morphologic state of the liquid crystals of the cell membranes, of the different organs etc. and, implicitly the structural-functional modification of the systems affected by the illness.

As a consequence of all these effects and principles specific to its functionality, the beneficial consequence of the “BR” utilization will be seen in time as it follows:

• it will be possible to highlight them immediately (with the help of biophotonic devices) at the level of the bio-field (of human aura) as potential information / frequencies / colors, already present in the bio-field of the human subject;
• they will generate at the level of the human receptor – after a relatively short period of wearing them – sensible effects of functional optimization;
after a longer period of wearing (its limit varying according to the bio-psycho-logic state of the individual, to the conditions of utilization, etc.), optimizing structural modifications will be noticed at the level of the structure of the physical body also.

In the terms of holistic medicine, long ago known by our ancestors, it is possible to assert that, throughout the therapeutic mechanism produced by the biophotonic resonator, “the soul” is the first to cure and only afterwards “the body”.

3.4.3. Types of Biophotonic Resonators: energo-informational effects

The nature and the properties of the selected organic ingredients that make up the active substance composite of the resonator differentiates between the manufacture of the three categories of bioresonators (supposing about 7 formula of «BR’s»), starting from «BR1» till «BR7», with different particular effects [3]), namely:

— bioresonators with mainly informational effect, acting in the aura field, usually including a limited number of ingredients, strongly resonant (due to the increased intensity / level of the active substance), which are able to enhance the properties of the aura biofield and to implicitly reflect the stimulation of the immune system;

— bioresonators with harmonizing energo-informational effect, able to normalize both disorders occurring in biofield (hypo-or hyper-function type) and in the organic substrate in various organs through the stimulation of the “third eye” (of the pineal-pituitary-hypothalamic complex) respectively;

— bioresonators with mainly energetic effect, having a larger number of organic ingredients, with a broad spectrum of resonance, able to normalize a series of hyper- or hypo-functions of the human body by the direct action – due to the colored filters applied on the «BR» faces – over the areas / organs involved.

It should be noted that all optimizing effects of the bioresonators are first detected at the functional level, being immediately manifested into the biofield structure, modifying the frequency and intensity of the auric field, on the one hand, yet the morphological and physiological effects were barely noticeable after a longer period of constant use, as an effects of the “holographic resonance” mechanism, on the other hand.
The highlight – with the help of the AURA STATION SYSTEM device – of the effects of holographic resonance of a bioresonator “BR”1 type: 1) the normal EI situation of a human subject: a) the value of the informational spectrum (the color of the aura: blue-violet); b) the intensity of the energetic field (70%); 2) the situation of the subject after wearing a bioresonator RB1, with 12 active ingredients; c) the increase of the intensity of the aura to 100% [Stănciulescu, 2008].

Such a relevant type of measurement proves that: in few minutes only, a general stimulating «BR1» type was able to increase the values of all the auric parameters (chakras), potentially having a double effect: a) to directly stimulate the immunity system of the human being; b) to indirectly / implicitly optimize the functionality of the body’s structural and functional components.

- Every type of «BR» is conceived / designed in a synergetic vision, taking into account the following:
— the correlated action of all structural components of the «BR»: a) the active substance, b) container / the resonator used for its storage, c) color filters / frequency modulators, d) “wave form” generating symbols which are energetically and / or informationally acting on the human receptor, at his / her biofield level, at the level of the EI centers of the human body (corresponding to the seven “chakras” of the Oriental medicine);

— additional action of the effects generated by the Biophotonic resonator, i.e. the human body receives by means of bioresonance the information / normal frequencies, of proper behavior, of the active substance, which acts as an operational “floppy disk back-up” system – when the body “forgot” the software, due to the illness – in a double sense, corresponding to allopathic and complementary (homeopathic) medicine both:

1. For cancellation / neutralization / reduction by demodulation of the pathological frequency from the overactive areas of the body; this type of action is specific to the allopathic and energetic medicine too;

2. For stimulation / reactivation / amplification (by coherent interference) of the emissions reduced from the hypoactive areas of the body, respectively to amplify the body immune system, by informationally increasing the defense resources of the organism (according the principle: *similia similibur curantur*); this mechanism is specific to alternative and complementary medicine (endogenous and exogenous homeopathy).

- The BioPhotonic resonator is designed to work in both ways:
  — at holistic level of the entire spectrum of frequencies, generated by the biophysical mental activity of human being (at the level of the “auric hologram”), driven by the white light frequency and the associated mandala form; at this level manifests the function of exceptional importance of «BR», regardless of its type: it causes the increase in frequency of the bioelectromagnetic / auric system of the human subject;
  — at a level specific to a certain type EI center of the human body, of certain organs, resonating on the frequency of a particular color filter and its associated mandala.

It is, therefore, recommended that a human subject with health problems *simultaneously wear two resonators*, reasoning for which has been provided: one using the white mandala, designed for general optimizing/toning of the aura, and one *analytically chosen* (from all the
seven rainbow mandalas available), in accordance with the principles of a proper behavior SYNERGETIC DESIGN (when the nature / the EI affected area is well known) and intuitively chosen, by subjective option (in accordance with “Pleasure Principle”) when the nature of the disease is not very well known.

A measurement of the potential efficiency (with AURA VIDEO SYSTEM) of the RB1 & RB6 combination types, showing: a) the starting values of the subject (male, 42 years, healthy): green-yellow general level of auric field, 90% size, moderate intensity of the chakras; b) the aura modification after wearing BR1 & BR6 resonators: the blue coloured aura (higher frequency), a constantly maintained size, but with a more harmonious distribution of the chakras value (BR1), sensitively risen in the green-blue area.

Consequently, accorded to the presented example, the synergy of wearing both BR’s determines the increasing in frequency of the human body, generally (an essential BR’s effect) and particularly, by generating a more harmonious manifestation of the chakras’ amplitudes (a BR6 effect).

The mechanism involved in this metamorphoses is the general one already described: the normal frequencies spectrum of the bioresonator (holographic pattern) is transmitted by the “holographic resonance” at the human aura level (in the body as a whole and / or
specific to a particular EI center) and will optimize it from the informational point of view firstly (by changing the frequencies and the amplitudes, the wave pattern respectively) and secondly from the energetic–substantial point of view (by changing after that the form of the cells / organs accordingly).

- **The bio-resonance effects generated by a «BR» are correlated with the mechanisms of “therapy by light”** [Stănciulescu, 2003b], among which the mechanism of homeopathy is the closest. The analogy with the “exogenous homeopathic” therapy – transmitted through waves which are emitted from outside the body and not inside (through the informational support of the homeopathic remedy – requires a number of specific issues, such as for example the monitoring of the effect that the resonator has over the healthy state, initial homeopathic effect, manifested by enhancing of the symptom, followed by gradual establishment of the EI harmony state / health.

  Seen on the electronographic device or by spectroscopy, the image of a resonator can be associated with one of a water drop or a homeopathic remedy granule, clearly showing the information component of the active substance, namely the spectrum of different frequencies (matrix / hologram / aura diverse colored) associated.

  It should be noted that one of the most active and reliable supports through which the information of the biological field of the resonator is transmitted to the human body is the “biological water” (blood, plasma fluid, cellular and interstitial water, representing about 70% of the body weight), which is configured according to the information (including the bio-physical one) present in the aura of the body, translated / amplified by the biophotonic resonator, and targeted toward the (organic) water support, as Masaru Emoto's experiments argue [2001].

  

  *The fact that the “active substance” could transfer its EI properties from the solid support on the liquid support (through various types of dilution), gas (through combustion), etc. enables the formulation of a number of applications in which the resonator acquires specific forms of conservation / use.

  

  - **Types of conserving-transmitting the biophotonic information.** Regarding the possibilities of structural conservation / transmission mentioned above, we should formulate some observations, namely:
— versus to the endogenous homeopathy, which transmits the information directly to the substantial-radiant substrate of the body, inside of it, the exogenous homeopathy makes this gradually, firstly, by transmitting radiant information to the external fields of the human body;

— the information generated by the exogenous homeopathy will be immediately, potentially perceived in the biofield (the „Vital Field”), from where it will be subsequently transferred, to the „Vital Force” level of the body; here we can find again – in this mechanism – the strategy already mentioned of the traditional holistic medicine: “First you must heal the soul and than the body”

According to the mechanism known in homeopathy, the recovery time of a biological system, already degraded / damaged by the disease is approximately equal to that one that caused the damage; this is the reason that makes the exo-homeopathic therapy to be slow in time, having in view that the passage from the biofield of the BR on the substrate of the human body requires a consistent / constant presence (days or weeks) until they metabolize.

In the case of the exogenous homeopathy, in both mentioned cases, the specific information that can be structured – is transmitted through „hologetic resonance” to the human body (at the biological water level, and liquid crystals level etc.) which analogically assumes it, preparing the body for the holistic recovery / rehabilitation. In order to prove that the phenomenon of interaction between different types of materials (vegetal or animal, artificial) and the human body is establishing a relation based on objectives, energy-information exchanges, a relative simple but relevant experiment took place, within a research, regarding the biophotonic effects of the clothing on the human health [Stânciulescu, 2008].

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A very relevant experiment conducted by Dr. Cornelia Guja, specialist in electronography, consisted of wearing several types of gloves, for about 10 minutes each, the gloves being manufactured from different materials. The electronographic images have shown clear differences in structure and intensity of the palm aura, depending on the different nature of the materials the gloves were made of.
Different effects of the material on the human aura: a) reference / normal image of the human palm; electrographies generated by wearing gloves made of: b) cotton, c) leather, d) wool; e) plastic, f) image of the palm modified after experiment. We can observed different modified patterns, each of it being functional in a certain bio-psychic state, particularly adequated to the human being health situation. A case very interesting it is represented by the plastic glove effect, very strong. It means that it is opportune to wear such a glove in a crisis of under-energization situation, but not much more, because the danger of super-energization must be carefully take into consideration (cf. Guja: in [Stânciulescu, 2008]).

Considering that the materials worn on the human body influence the structure of the human aura, another suggestive experiment was conducted using the AURA VISION SYSTEM.

Different effects of the material on the increase of frequency and intensity of the human aura, after wearing a cloth made of:
a) synthetic material; b) linen; c) wool (photos taken by Johann Muller-Dragoman with AURA VISION SYSTEM)\textsuperscript{51}.

By submitting the above experiments we argued an essential fact, namely: \textit{the nature of the materials around the human body influence its aura / biophotonic field}. Once accepted this fact, at macro-physical level, we can postulate that – if these influences are realized in the information-energy field of the human body, not the quantity / energy of the active substance is crucial, but the quality / its information, its ability to vibrate / resonate on different frequencies\textsuperscript{52}. However, these frequencies do not modify themselves, no matter the quantity of the active substance used. This may also disappear, physical-chemical, if by some strategy – such as the one of endogenous homeopathy used, – the information / frequencies are maintained. Similar, we say that, according to the nature of the active substances used in the manufacturing of a RB, of any kind it may be, the effects will be seen in the biofield of the recipient, no matter how small the quantity of these substances is.

To conclude this statement, we say that depending on the type / quality of the information used, three therapeutic strategies can be determined, known both in the exogenous and endogenous homeopathy, namely:

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\textbf{the uniqueness technique}, which supposes the use of a single active substance in a single layer (it is applied with some difficulty, being hard to be found as the unique remedy, but with maximum effect when it is discovered by the homeopath); is \textit{materia medica} / the remedy considered to describe the fundamental frequency of the individual, his dominant type, expression of the synergy between body and soul / spirit, usually it is not applied in the exogenous homeopathy because they are working only with one fundamental frequency, which is difficult to stimulate with a unique ultra low frequency: thus this technique is inefficient in ExHo;

\textsuperscript{51} It should be noted that this situation is specific only to the subject tested. According to its bio-psycho-logical particularities, each individual will present a result suitable only for his own conditions: according to the homeopathic uniqueness principle.

\textsuperscript{52} As in the endogenous homeopathy: counts less if the number of homeopathic pills is 5 or 10. Important is the information that these carry and which once radiated / being form of a wave, distributes-spreads itself, almost instantly throughout the system of the body at the accompanying magnetic fields level.
— the pluralistic technique alternates a few unique remedies, up to three (of different types, vegetal, animal, mineral), in order to cover all symptoms of a patient, this technique is also not used in the exogenous homeopathy for the same reasons mentioned above;
— the complexist technique uses the mixture of several homeopathic substances, generating a polichrest remedy, with a frequency spectrum that scrolls the human body; this is the strategy which is used also in the case of the exogenous RB, through synergic combination of several types of stimuli\(^53\), which keep constant the frequency on long term, by permanently wearing them around the body\(^54\).

The effects of each of these techniques – aiming the way to use the active substances – can be amplified through a series of unusual strategies, which express, among others, the originality of the exogenous homeopathy, and which are not used or little used in the classical homeopathy.

### 3.4.4. Complementary therapeutic effects

If biophotonic and therapeutic effects of ExHo result first of all from the nature of the used materia medica, then a series of other energo-informational properties can be added to them.

We’re talking about some generally known therapeutic effects whose synergy has (almost) never been linked to exogenous or endogenous homeopathy, particularly with color, decorative geometric and volumetric shapes, afferent accessory therapy. Therefore this initiative has represented one of the synergic-innovatory breakthroughs of the patenting of Biophotonic Resonators.

\(^{53}\) I can not specify yet the minimum quantitative limits of the substance to get the efficient action of a certain biophotonic resonator. However, from the practical experience resulted that approx 0,5 grams of active substance still can influence the aura of the entire body. Experimentally it was also proved that in ExHo the nature of that radiant effects is sometimes proportional to the quantity used of active substance in the manufacturing of a BR. In other words, the effect is in some manner equivalent with the system of dilutions in the classical endogenous homeopathy where the intensity of the effect depends on the dilution degree of the remedy.

\(^{54}\) To be notified, as a functional reference observation, that a BR is wear only during the day, in the night being kept and stored at approx. 1,5 meters from the body, to avoid the influence from outside, through aura, of the metabolic processes during the night.
Homeopathic color-therapy endorses the property of opaque materials to differently absorb light or to reflect/refract (absorb) it, thus determining a series of biophysical reactions at the human individual level. This is why among the famous, well-recognized and scientifically (medically) accredited therapies, chromo-therapy holds a referential place, effects of the ROYGBIV (Red-Orange-Yellow-Green-Blue-Indigo-Violet) spectrum being extremely well known and having an oscillating wave length between 380-760nm.

Coupled with the properties of the active biological substance, the therapeutic effects of color suppose both the usage of monochromatic tones as well as of a wider variety of combinations whose health-related effects must be adapted to the specific needs of the human individual.

The body perceives the effects of color spots, for example using electromagnetic waves that have certain characteristics (frequency, wave length, amplitude, intensity etc.) and that penetrate the body through the channel of the eyes, through the biofield (the body’s aura), or by focusing a certain color (EM frequencies) over some photosensitive areas of the skin (acupuncture points for example), over some organs that have to be electromagnetically stimulated etc.

As a succession/consequence of one of these three complementary processes, respectively of their synergy, a certain biophotonic resonance is generated in our body and it is able to trigger at the level of different El macro- or micro-traps “holographic resonance” processes of stimulating a certain spectra of harmonic frequencies that have as effect a series of morphological modifications by influencing the “memory” of organic liquid crystals.

Bioresonance (a bioelectromagnetic / biophotonic interference) is then specific to the therapeutic action of colors when by “randomly” choosing a color, the human subject actually acts objectively through a bio-psychic / organic / instinctive impulse of compensation of some energetic dysfunctions; a necessity that the absorption of the chosen color is in condition to satisfy [Stănciulescu, 2003b]55.

BEMPh processes are in their turn activated by color as a particular expression of light. The manner in which colors that are to be implied in modifying the health state is highlighted with the aid of instrumental evaluations, endorsing two types of complementary actions:

55 “The pleasure principle”, correlated to psycho-mental dysfunctions, is going to be presented in a subsequent approach of the present study.
— A punctual action, focused through the influence that an object has on the afferent organ, for example the effect some differently colored gloves have on the hand; effect that is highlighted electronographically;

— A diffuse action, generated at aura level by the interaction with differently colored resonant marks (shirts / t-shirts for example).

Differentiated effects of the colors on human bioluminescence.

Electronography of the hand wearing a colored synthetic glove: a) white; b) brown (cf. Guja: in [Stânciescu, 2008]). The effect the color of clothing has on the aura of the same human subject after wearing: a) a white polyester shirt; b) a blue cotton t-shirt; c) a red cotton and synthetic fiber shirt (images taken with AURA CAM 600 by Almos Tampar Zsolt).

The ExHo action that colors have according to the fundamental: similia similibur curantul has by chance been validated through experimental measurements. Using an OBERON type device to measure the effect upon the hypertensive body, we have discovered that when the intense red color is used its generated effects are of worsening the disease, while a small amount of red invariably determines – according to the values indicated by this device – strange health optimizing effects. By varying the proportion quantity-quality in the case of more complementary colors that are known for their effects on certain categories of dysfunctions, we have noticed that the upper-mentioned effect is a consequence of the fact that:

— Colors used in homeopathic proportions/as “electromagnetic spots” for example, generate hyper-functional disease-inhibiting effects by triggering the paradoxical effect of “the healing crisis”;

— On the contrary, colors used in major proportions stimulate the body’s defense resources, amplifying them in the case of hypo-functional dysfunctions.

According to the necessities and the available Biophotonic Resonator’s type of nature, ExHo can efficiently use both of the previously mentioned strategies.
• **Homeopathic drawing-therapy** (printed symbols / designed) generates in its turn energo-informational effects using the associated “shape waves”. Based on the statement that “everything is wave” (vibration), recent research in the microwave field has already experimentally proven that all shapes – graphic/including bi-dimensional ones – are both accumulators as well as generators of energo-informational waves [www.fr.wikipedia.org/wiki]. A rather clear explanatory theory couldn’t however be associated with these mechanisms, an absence that Biophotonics is in a position to solve.

According to the biophotonic perspective, it can therefore be stated that a series of shapes/models/archetypal motifs – beginning with the spiral and ending with “the golden figures” of classic geometry, describable through fractalic type proceedings – are to be encountered throughout nature, at macro- and microcosmic level, unifying through shape the physical world with the biological world [Schneider, 1994]. As a result of some generating “shape fields” (including bioelectromagnetic ones), these shapes of “the sacred geometry” are characterized by some: firm geometric parameters (the metric relationship between frequency and amplitude, for example), by the **golden section** (phi) present both in the human body DNA shape, in the whole body as well as in the spectra that defines light, etc.

It can be proven that the values of the electromagnetic spectrum (frequency, wave length for example) – disposed on a value axis – describe a spiral of whose proportions exactly / precisely follow the norms of the golden proportion. Synthesizing, from our previous research it results that [Stânciulescu, 2003b]:

— shape waves combined with electromagnetic waves, are responsible for determining the spiral shapes of living systems (such as the shell of a snail). These could be generated by the penetration of light SHAPE waves through / using membranous liquid crystals that disperse them in a magnetic-rotating direction, exactly describing the image of the DNA56 model as well as the snail’s shell, the retina’s cells or sunflower seeds. Dextro- or levorotatory spirals projected on the fabric of the apparel complex have a strong energizing / or inhibiting effect (according to the necessities);

— shape waves are spatially propagated according to the optical laws (manifesting reflection, refraction etc.) such as luminous waves which can be associated with on different “color properties”;

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56 As we have already shown in our books, this remark is extremely important whereas it could explain the helicoidal and dextrogyrate genesis of the DNA [Stânciulescu, Manu, 2002]
— shape waves penetrate physical / inert substance that isn’t able to block them. Implicitly they will penetrate the fabric or any other protective materials, they will activate the active substance and will generate specific bioresonant effects with the human body’s liquid crystals;
— they manifest themselves with different polarity (levorotatory or dextrorotatory), similar to light, manifesting a differentiated action (left/right) over the contact systems (as well as over the human body)\(^57\); as a succession of this polarity that the human body manifests, it is imposed that the levorotatory or dextrorotatory shape of the models as well as the colors be adequately correlated;
— they are susceptible of interfering with other types of waves, from the cosmic (luminous) waves to the biophotonic waves of the human body.

Beside proportion parameters they suppose, these essential shapes – taken from living and non-living nature, and usually used as prints on different materials/objects – act by the instrumentality of two categories of vibrational processes:

— *The predominant informational effects* of “the shape waves” are determined by the shape of stimulating drawings, whose image plays the part of holographic patterns, archetypes that transmit certain information to the human receiver;

— *The predominant energetic effects* of “the shape waves” manifest through the instrument of associated colors that – carrying through their frequencies all the health-generating (sanogenetic) attributes already mentioned – energetically sustain the information of “shape waves”.

As a synthesis, considering the previous aspects, any graphic/decorative motif placed on the apparel, actually plays the role of a holographic resonator, in which the shape is transmitted through bioresonant (holographic) mechanisms at the DNA level, at human cell and organ level, that is constituted in turn after the model of these patterns. As a result of the received stimulus it recognizes/recovers in a resonant-holographic manner at its different levels (from DNA to organs), the human body homeopathically optimizes the health state. It is because of this reason that they have been used – by processing in

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\(^{57}\) We have tried-out with different bioresonance devices that – according to “the screw law” from Physics – the shape of a dextrogyrate spiral is stimulating regarding the body’s state, while a levogyrate spiral is inhibitive.
an original variant the Oriental *mandalas* – in making the Biophotonic Resonators.

The mechanisms through which shapes operate on the human beings health state level– psycho-mental health state level in particular\(^{58}\) – can be directly/empirically validated through relatively recent strategies as:

- **The New Homeopathy**, as named by eng. Erich Körbler, who has conceived/assumed/reevaluated a series of geometric patterns or barcodes (like Chinese hexagram type ones) highlighting the energo-informational effects these have over human health state.

\begin{center}
\includegraphics[width=0.8\textwidth]{symbols.png}
\end{center}


**Experiences with cosmologic archetypes** made by doctor Stelz [2005]: he has drawn, on Körbler’s direction, a series of archetypal symbols directly on the skin of a human subject who had previously been tested with medical apparatus, to realize that after a certain period of time that the same measurement had changed values (body temperature, pulse, arterial tension/hypertension etc.).

\begin{center}
\includegraphics[width=0.8\textwidth]{archetypes.png}
\end{center}

\(^{58}\) Carl Jung was the one who noticed that patients having psycho-mental dysfunctions were optimizing their state by drawing such shapes, dancing by token of their archetype etc. This has been the premises for elaborating the famous theory of “the collective unconscious”. This theory actually has a much more simple explanation, which we have defined as a “pleasure principle/thesis”: the body/psychic optimizes its state when it chooses to see or to operate with shapes, colors etc. The homeopathic balancing of the bio-psychic state is realized through the mechanism of “holographic resonance”. This principle/thesis – which we shall be nuanced in a ulterior sequence of its research – postulates that: “I like it because I have an organic need for it, because it does me good...”.  

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Resonant effects of “shape waves” over the biophysiological state of the human subject [cf. Stelz, 2005]: medical tests have highlighted the modification of some physiological parameters as arterial tension/hypertension, pulse, temperature etc.

By using these relevant means of influencing the human body’s states it results that “shape waves” can be:
— in a relationship of holographic resonance with the body’s health state, which it adequately influences;
— correspond to an active biological system (homeopathic remedy) which is recommended for resolving a certain health problem of the body in a ExHo manner.

Their utilization becomes therefore operational by coupling to the support of any type of biophotonic resonator.

• **Homeopathic cavitation therapy** (involving the volumetric shapes of different geometrical bodies) influences the health state because it can in turn generate / structure a series of energizing-healthy effects. The bio-energetic effects of these volumetric shapes are correlated with the already mentioned mechanisms of “shape waves”.

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The effects that these waves generate over contact systems are partially known. Let us remember, as an example, the classic pyramid effect in which a powerful “shape energy” is focused in a certain point of the pyramid (located at a third of the height, from the top), and which:

— Generates really special *stimulation / energizing* effects of living biological tissues (implicitly over the human body), which allows stimulating the areas of the body that are in a similar focusing point placed on the body;
— Determines a very good *preservation of unloving biological tissues* (by keeping them a certain biological consistency – through “mummification”), effect that could allow a better preservation of the active substance within the BR;
— *Restructures molecules* from certain objects, meaning that a similar effect takes place at liquid crystal level of a random biological system.
Electrographic representations of volumetric shape waves: a) different types of volumes made from colored cardboard; b) cathodic representation of a cone and of a pyramid; c) anodic representation

In a similar way to the pyramid / cone example, it can be said that each volumetric shape is characterized by specific energetic focusing or dispersal properties (properties that must be examined / known regarding each type of volume separately). In all these situations the volumetric shape of a BR values the El synergy of three-dimensional shapes, which implicitly supposes the presence of biophotonic / bioelectromagnetic phenomena, taking into account that:

- The (volumetric) shape effect can be correlated, at emitting system (pyramid, cone etc.), with the structuring within the reference volume of a complicated electromagnetic wave network/system that interferes between the volume “walls”, network/system capable of implicitly maintaining/preserving “the shape wave” information and transmitting it to the human (bio)resonator, with adequate healthy effects (stimulating or inhibitive);

- The fact that the receiving system, the human body, supposes from the beginning the manifestation at its level of some (bio)photonic resonant phenomena, mediated by the presence of light. Talking into account the implication of such (bio)electromagnetic mechanisms, it can be considered that through the exterior volumes with which it permanently reacts, from house to clothing, from furniture to jewelry, the human individual is permanently surrounded by a prefiguring “matrix of light”/complex of “shape waves” differentiated from one volumetric shape to another. The manifestation manner of this matrix is in its turn amplified or diminished by the influence of the environment.

To conclude, the valorization of the healthy effect that (volumetric) shape waves represent – for the exogenous homeopathic effect – a synergic action in which the energy and information of light can be correlated beneficially at the human body level.
• **Homeopathic accessories therapy.** In the end we could add the fact that a wide series of structural accessories and auxiliary strategies can be associated to each type of Biophotonic Resonator, in order to amplify or generate new energo-informational effects at the receiving subject’s level. In this context it is sufficient for us to remember the following apparently insignificant details specific to:

— A *resonating macro-system* (a house interior or a apparel complex for example) to which there can be subjoined china, decorative ceramics, buttons, buckles, bead strands or simply just a fabric with a zigzag model, all these having a BR role;

— A *resonating micro-system* (like the pendant type proposed in the BR patent) such as the hanging string for example, which can be made from leather or a metallic one, having differentiated homeopathic effects;

In a multitude of applicative variants, to the already built synergetic effect there can be added a series of exogenous homeopathic complementary therapeutic procedures as:

— **Reflex-therapy** or **point-pressure / acupuncture**, activated by the pressure that a ring or a pair of earrings generates at the level of specific contact points – on the fingers or on the earlobe – that correspond to certain EI active centers of the body;

— **Crystalotherapy / litotherapy**, realized by placing – in direct contact or around the body – some crystals, precious or semiprecious stones that have been carefully chosen so that they would resonate – through their own vibrations – with the human body own resonators, etc.;

— **Magnetotherapy**, activated by using differently shaped devises – from belts to bracelets – magnetized or with inserted magnets, contributing to the reorientation in the membranous field of organic liquid crystals;

— **Aromotherapy**, by (temporally) placing a beautiful scented natural flower, or a perfume sample that isn’t fully open etc. in connection with a random BR;

— **Sound therapy**, by using different type of subliminal sonorous stimuli, able to generate exogenous mechanical (piezoelectric) effects at the level liquid crystal structures.

As an integrating conclusion of all previously mentioned, it can be said that all the structural marks taken note of in the making of a BR actively manifest, in one way or another, being thus unitary conceived under the sign of coupling biophotonics with homeopathy in its exogenous or / and endogenous alternative. Such a premise allows the nuanced (unconventional) understanding of the mechanisms – that would otherwise be difficult to recognize and explain – that exogenous homeopathy generates.
3.5. HARMONIZED MEANINGS: 
THE “LIFE PRINCIPLE”, A FIGHT OF FREQUENCIES

In conclusion, the homeopathic “LIFE PRINCIPLE” [Stănciulescu, 2004] is present here as the holographic pattern that governs both the appearance of living systems (the DNA’s pattern) and that controls – as a “morphogenetic field” [Sheldrake, 1981] – the similarity of different biological forms. It follows from this general condition that taking the main unique remedy, in a certain homeopathic treatment situation, it is often enough to optimize / restructure the hierarchical systems of the human body.

The interdependent duality between “waves” and “corpuscles” is quite clear: the waves are generated by the “substantial” activity (biochemical) activity of the body, and the waves' activity (bio-photonic) determines the state of the substantial system, by assuring the homeostasis of the “vital body”, the health state of the bio-psycho-logical system. Such a correspondence is well sustained, in an exciting article written by Alexandra N. Delinick:

“The organism’s natural frequency / field is equal to the simillimum in Homeopathy. We give back to it, as a biofeedback mechanism, the same information, so as to achieve this kind of effect... So, the remedy too has a certain natural frequency (electromagnetic wave frequency / field), and this means it has certain qualitative and quantitative information that it gives back to the cell and to the whole organism... It comes in at the quantum level” [1995: 46-47].

It is possible to understand in this way how “order” (being health’s pattern) emerges from “chaos” (illness’ disorganization), stimulated by the hierarchical types of information that the remedy contains. As a synthesis we can state that the previously presented biophotonic mechanisms represent only a part of those that characterize the BEMPh processes implied in maintaining the energo-informational balance of the human body. From the BLT perspective, I have justified that a (bio)photonic mechanism automatically triggers biochemical, electric and magnetic effects, and vice-versa.

* 

In other words, every type of therapy – using specific types of remedies – represents a different kind of stimulation able to deliver somehow the traps of EI, passing from substance-energy to field-information and vice versa by activating specific types of effects. For example, according the BLT description of the BEMPh phenomena:
• The biochemical type therapy is predominantly energetic, implies all the types of drug therapy, allows the chemical substances to, by osmosis, get into the cell where they generate a biochemical saturation effect around the mitochondria. Through the generated pressure the mitochondria release the electrons;

• (Piezo)electric type therapy – electric recovery strategy type or acupressure, acupuncture, massage type etc., implying piezoelectricity – stimulates through the presence of superior electric tensions/intensities at the electric action potential level and membrane pause, allowing the “opening” of the mitochondria/DNA and the release of electrons/photons;

• Magnetic type therapy – which supposes strategies as magnetotherapy, stimulation using diverse accessories etc. – amplifies the properties of the cellular magnetic field as well as the cellular organelles; its effect being membrane current stimulation and thus mitochondria opening;

• (Bio)photonic type therapy – implies a large variety of biophotonic practices – beginning from prayer therapy to exogenous or endogenous homeopathy – supposes as we’ve already seen in a superradiance process, the stimulation of the cell and cellular organelles with a (bio)electromagnetic wave flow that resonates with those of cellular organelles – mitochondria and nucleus – respectively with biophotons that are stored in the mitochondrial or nuclear DNA trap as a consequence of Cazimir type effect.

All the previous mentioned principles can be synthesized in only one sentence brilliantly formulated by Sir Peter Guy Manners, who – in a particular context – said to me: “The state of health and disease of the human body is characterized through a permanent fight of frequencies”.

In other words, any type of remedy that should be introduced into the human body, from an aspirin or a prayer to the homeopathic remedy, will generate invariantly a modification of the frequencies within the body as well as out of it. Through frequencies do the homeopathic remedies operate implicitly – as BYTES OF LIGHT – may they be endogenous or exogenous.

By generating a connection: **MATRIX OF THE “LIVING LIGHT”**, which any Biophotonic Resonator is trying to configure somehow. In “image and likeness”...
Chapter 4
VALUABLE ATTRIBUTES OF BIOPHOTONIC RESONATORS:
FROM THEORY TO PRACTICE

From the description of the structural and functional principles of the BR it is evident that our solution proposed by our BR patent surpasses the weaknesses of some previous achievements. Thus:

4.1. THEORETICAL CONTRIBUTIONS SUPPOSED BY BR

From a theoretical perspective, we have to say that, unlike other technical devices, source and so on, for the optimizing of the human organism, the BIOPHOTONIC RESONATOR was based on the existence of a theoretical frame of great scientific value, namely on:

- The new principles of BIOPHOTONICS, meant to originally explain – for the very first time – the “holographic resonance” principles which make possible the interaction of the biological systems of the world (vegetal, animal, human), and on the other hand [Constantinescu, Stănciulescu, (bio)photonic theory of the energy / information, 1993-1995], namely to clarify the mechanisms able to generate ultra-weak bioluminescent emissions of a “biological laser” nature [Stănciulescu, Manu, Fundaments of biophotonics, 1995-2002].

In this context, it should be briefly remembered that these two theories are complementary, as we remark that:

- the first one explains the type of interaction / distal therapy specific to the exogenous homeopathy;
- the last one clarifies the genesis of the bioluminescence specific to the biological organism, in its quality as “laser light”.

The main mechanism that the «BR» activates is that of the emission of (bio)luminescence specific to all biological systems – plants, animals and human – this being the mechanism through which the “language of living” is possible [Stănciulescu, 2003 b]. Such an interconnection – representing a starting point for «BR»’s explanation and realization – was possible by using the performant technical devices from the laboratory of the International Institute of Biophysics (Neuss, Germany), patented by Professor Fritz-Albert Popp, the “father” of biophotonics.
The “(bio)photons counter” devices from IIB (Neuss): a) during a BIOPHOTONICS SUMMER SCHOOL stage [Stânciulescu, 2003]; b) the graphic of the first experiment realized in August 26, 2003 with the French biologist Amodsen Shotia, proving that the distant interaction between two biological systems (a vegetal system stimulated from a distance of about 15-20 cm by human hands) are sensible increasing their emission of bioluminescence / biophotons; this experiment could be considered a first essential validation of the ExHo.

As I have already mentioned in a previous article of this serial [Stânciulescu, 2011a,b], in accordance with the theory of “biological lasers” (BLT), the mechanism of the “biolaser” emission is determined by the conjunction between:

— the molecular complex semiconductor phosphate, bound water, molecular oxygen, activated by the presence of visible and infrared EM radiation, likely to absorb and emit stimulated the light;

— the cell type liquid crystal structures, which are present in the cell membranes and cytoplasm, which may allow the penetration of light inside the laser resonator (cellular) and pass it step by step, on a system of chained “biological lasers”, by activating an ignored optical function (nonlinear).

All these scientific contributions of BTEI (of exogenous homeopathy respectively, based on (bio)electromagnetic / biophotonic information transmission, firstly from the bioresonator level to the biofield of the human body, and then transmitted to:

— “EI traps “of the cellular system (stocks of electrons in the mitochondria and biophotons reserves between the DNA catenae, for example), resources which – through the over-radiance / over-energizing effect - are released and sent via the meridian systems to the affected areas of the body, contributing thus to the resettlement of the homeostasis state, and thus to optimize the health state;
— the liquid crystal cell of the receptor, which restructures their shape and position in the plane of the cell structure, capable of reconfiguring in this way the degraded form of the cell recovering its original healthy form.

This bio-resonance effect is perhaps the most important aspect of the invention, assuming both energy and information mechanisms, in that the effects of energy (the intensity and magnitude of biophotonic emissions) from the substantial level / cell level of the body is triggered / stimulates by means of the informational effects (harmonic frequencies) manifested firstly in the aura field, where there is initially manifested the health / disease state and then on the substantial substrate, at the physical body, capable of optimization (including morphological recovery).

The fact that these EI emissions are invisible and unobtrusive (unnoticeable by touch), is due to the two issues that Biophotonics has already defined:

a) the ultraweak nature of the bioluminescence emission (ultraweak bioluminescence) [Popp and others, 1989];

b) the frequency modulation of the incident light spectrum in the resonator biological system, moving it on to the UV (invisible) as a result of the effect of anti-Stokes and the successive passage of bio-electromagnetic waves through the liquid crystal membranes [Stânciulescu, Manu, 2002];

c) the existence of some subtle manifestations (informational) of the biological emissions are likely to be explained in terms of the integrating “fifth force” [Apostol (APOPEI), 1998]. That is why we can say that bio-resonance therapy follows the medical precept of our ancestors, implicitly homeopathic, who firstly healed the invisible „soul” and then the visible body. In this sense it is clearly pointed out the fact that only through the information biophotonic effect of the harmonic frequencies which are generated by the active substance of the biophotonic resonator, the energetic effect (implicitly substantial) of the biophotonic resonator is also manifested at the human body level.

● Use of the SYNERGETIC principles to a series of sanogenetic applications, specific to biophotonics – such as “biophotonic clothing” [Poenaru, Stânciulescu, 2006] –, has resulted in a series of patents for the complementary inventions.

— The analytical-scientific research trials to manufacture natural or technical bioresonators, in order to prove and overcome some functional and structural limits.

— The recording of measurements and presentation of a previously non-existent and large data set, based on the mechanisms of
“double blind” trials, namely for the verification of the same prophylactic and therapeutic properties of the «BR», with the help of a set of devices recognized for their valuable testing abilities. The general conclusion reaches the norm of an obvious therapeutic function.

- The application of the correlation between BIOPHOTONICS and SYNERGETICS to the field of complementary therapies, generally, and of homeopathic research in particular through [Stănciulescu, 2006]:
  - the biophotonic explanation of the functional mechanisms of classical homeopathy (endogenous);
  - the ingenious explanation of a new concept – that of “exogenous homeopathy” (ExHo) – referring to the informational influence of health through biophotonic emissions externally generated by the organism and not from its interior, as is the case in the “endogenous homeopathy”;

These fundaments made possible the manufacture and patenting of the first prototypes of Biophotonic Resonators, by the already mentioned synergic research team.

4.2. PRACTICAL CONTRIBUTIONS AND ADVANTAGES

From a practical perspective, among the objectively proven properties of these experiments and measuring procedures, we can conclude that the BIOPHOTONIC RESONATORS display a series of brand new STRUCTURAL and FUNCTIONAL advantages such as:

- 100% biological quality of the active substance used in the BR manufacture (a selected complex of protein and vegetable powders), assured by the following facts:
  - it doesn’t need any other physical ingredient (mineral, metallic, etc.) which could alter the natural attributes of the biophotonic emission, therefore influencing the state of the receiver;
  - it does not contain any technological traces (electric sources, power accumulators and so on) which could become a source for levogyrate torsion; these fields are added to the noxious effects of the EM technology (TF, PC, TV), which becomes amplified through the natural effect of dextrogyrate torsion, generated by any biological system (including the one of the active substance in BR);
  - through the exclusive biologic nature of the used active substances, the BR compatibility with the bioluminescent emission of the human organism is maximized from the beginning, based on the effect of holographic resonance.
• Refined link of the BR bioelectromagnetic emissions to the frequencies of the BEMPh field specific to the human body becomes possible through the means of filters / associated frequency spectra (colored RAINBOW-ROYGBIV stickers). Thus, it generates the possibility of:
  — personalizing a «BR» by adjusting it to some specific problems, of each beneficiary, at a given time;
  — the appropriate modification of the «BR» functionality, through the simple change of the colored filter, along with the gradual change of the health parameters of the subject.
• Through the means of the color filters an effect of “homeopathic cromotherapy” is assured, by the fact that every color filter is equipped with:
  — a mandala able to generate – through specific waveforms – informational effects adjusted to the level of the referential chakra, “reminding” the chakra how it should be correctly functioning;
  — the complementary colors to the dominant one, which generate the effect of “homeopathic color-therapy” already mentioned.
• Through the nature of active substance and through the associated frequency filters, «BRs» are made to generate a double biophotonic effect:
  — general prophylactic, through the overall action on the aura for the amplification of the immune system («BR1» is mostly responsible for this);
  — specific therapeutic, through the focused action (with the help of color filters) on the solving of a specific dysfunction to the level of a certain organ or organic complex (chakra), by using one of the «BR2-7» devices.
• The therapeutic-prophylactic function of a «BR» is doubled by the protective one against a noxious radiation generated by:
  — natural earthly sources (pathogenic areas);
  — technologic sources specific to the communication systems (cell phone, PC, TV, so on.).
  This protection is achieved through the supplementary introduction, in a BR, of some special biologic elements, able to absorb / disperse the noxious radiations. By adding to the «BR5+» a special color filter (blue, violet, indigo) and a geometric figure + a special mandala we contribute to the augmentation of the protection effect of this «BR».
• Making the «BR» as a medallion also allows it to be worn close to the central area of the organism, nearby the chest, on the vertical line of the chakras, which enables:
— a harmonious distribution of the bioelectromagnetic field to the level of the whole biofield of the body, closing therefore the discomfort of other manners of attaching a «BR», such as glue, stickers and so on.

— considering the holographic resonance effect generated by the BR, it is sufficient to wear two complementary resonators (a Br1 and a specific BR) to spontaneously install the information in the auric field, which also makes the need to buy many resonators obsolete.

● The manner of making a «BR» for technologic protection – usually manufactured as a small «IC» (Integrated Circuit) type, equipped with adequate color filters – allows a double protection of the beneficiary on:

(1) the level of the noxious radiations emitted, by simply placing of the «BR 5+» – of a «IC» type – on its canvas (cellphone, PC or TV), by sticking it with the glued support; at this level, the protective effect is a double one, supposing:

a) a certain absorption / transformation of the noxious (components of) radiations / radioactive fluxes at the level of the «IC-BR» active substance, able to realize such a physical effect;

b) a certain dispersion of the noxious radiation, due to the specific forms of the mandalas used: a graphical one – already known by the specialist in the field, supposing the image of some waves – innovatory combined with the specific mandalas of the three mentioned colors.

(2) the level of the beneficiary, by wearing a «BR1» with a function of general protection / stimulation of the immune system or at least of a extra-plate BR1 (an “IC” type of resonator), which can be easily taken into the wallets, pockets and so on.

**Different type BRs for protection against technological and natural radiation, from left to right BRs for**

a) protecting cellular phone and PC, stimulating immunity system, protecting human body against natural / telluric radiations; b) the afferent filters, having two types of dimensions, for generating by their superposition a type of hologram (a Fourier spectrum).
By concluding, using the different types of IC-BRs type, the human organism is complementary protected, by diminishing the harmful effects of radiation at the level of generating or receiving technical source, on the one hand, and by amplifying the self-protective resources of the human organism, on the other hand.

- Based on a “biologic laser” type mechanisms, the «BRs» can be stimulated from time to time by specific procedures with biologic and technological sources, which increase their viability with the condition that the active substance is protected from stimuli such as water / humidity or mechanical destruction.

In consideration of these augmented structural-functional complexities, the price of a BR is more affordable than any other marketed product; one or maximum two «BRs» (a general and a specific one) being enough to solve the complex task of human health improvement. Under these conditions the access to these BR’s can be assured for a large spectrum of the population.

*In addition to all these previously cited advantages of BR, this device displays a series of other practical benefits, arising from:

- The achievement of some different and novel strategies of biophotonic verification and validation of the healthy effect of the “BR» was possible through:
  - the utilization of the Kirlian type technology, in the novel Romanian variant of the electro(no)graph (Dumitrescu–Guja) to highlight the emissions of the aura of the biologic – active systems on the photographic film;
  - the use of a “BIOPHOTON ANALYZER”, able to establish the degree of benefit of the photonic emissions of the active substance, related to the health state of the human being in general, and to that of an individual, in particular;
  - the determination of the compatibility effect between the bioresonator and the human body, with the help of some devices of quantum evaluation of the BIOPULSAR REPLEX/GRAPH, SCIO, PERESVET, IMEDIS, GDV, OBERON and METATRON etc., capable of evaluating the way in which – under the influence of the bioresonator – the electric charge specific for some points of the energetic meridians in the palms or in the feet of the tested subject, the biophotonic emissions, etc., are changed;
- the highlight of the changes that are produced in the biofield of the human subject by the influence of “BR», with the help of a biophotonic integrating technology of the AURA STATION SYSTEM;
• the determination of the changes with the help of a device of optic reflection – in actual time – of the human aura and the computerized processing of the visual information with the help of a powerful software;

• the experiments of highlighting the “BR» effects, by following the strong energo-informational effects of the resonators upon some vegetal biological systems;

• the highlight of the activation effect of the bioresonator, throughout the interactive changes of EI with the human subject, made with the help of biophotonic technology at the International Biophysics Institute in Neuss / Germany;

• the validation of the therapeutic effect of the “BR» on a great number of human subjects, who agreed to wear devices and presented subsequently sensible optimizations of the EI potential (within some affections such as: hepatic, digestive dysfunctions, circulatory and rheumatism problems, dystonia, etc.)

The extensive presentation of all these types of experiments and relevant cases will be realized in the next issue of this study.

4.3. INNOVATIVE BENEFITS OF THE “BIOPHOTONIC RESONATORS”

Synthetically, we could assert that the practical benefits of BR’s are connected to the fact that:

• they generate a non-aggressive holographic effect, which, at the level of the biologic structures of the organism, determines the harmonizing / normalizing of its homeostasis;

• a maximum of two devices are necessary to obtain a real health benefit, which means that the price of the optimization of the health condition is much reduced, being accessible to any potential beneficiary;

• the simplicity of use and functioning of the “BR», comes from the fact that, being conceived as a pendant and worn as one, the Biophotonic Resonator can act directly:
  — at the holistic level of the entire spectrum of frequencies generated by the bio-psychic activity of the man;
  — the specific level of a certain organ, compatible with the frequency of a certain color filter;

• the vegetal and protein ingredients of the active substance are not harmful, having a maximum purity from an ecologic point of view, on the one hand and their presence in extremely small – homeopathic -
quantities does not generate effects from a BEMP (biochemical, electric, magnetic, photonic) point of view, on the other hand;

• given the capacity of individual harmonization of the “BR»s, it is natural that they should contribute indirectly to the harmonization of human interactions, an effect that could come as a source of optimization of the health state of a whole human community.

***

Based on such premises, we can say that – according to those explained above – the biophotonic resonators, in order to optimize the energetic and informational performances of the biological systems (plant, animal, human) can be used in a variety of practical options, including:

• **In the field of vegetal systems**, the bioresonators can be stimulative and used to: increase agricultural production for different types of crops (cereals, vegetables, wine, fruit, etc..) by placing a number of well established biophotonic resonators in a certain state of aggregation (solid or liquid), in a few points / places well-defined, in relation to the specific agricultural crop, the quality of seeds, the agricultural land type and with the culture care strategy, etc.

• **In the animal systems**, the bioresonators are useful: for optimizing the productivity and / or increase the working capacity by wearing individual devices or their location in the growth medium / care of animals (in cages, stalls, etc..).

• **In human health**, the bioresonators can contribute effectively – as we have already seen — to optimize / stimulate the human health state by functional and morphological regulation of the body, due to different disorders / diseases through:
  — direct wearing of the biophotonic resonators having the active substance (solid powder) placed in supports of various forms (spheroidal, cylindrical or pyramid, effectively valuing the effect of a “wave form”), made of various materials -, preferably made from transparent or organic ingredients – worn in different areas on the body, as various decorative / jewelry auxiliary articles etc.. or auxiliary clothing, as products (phyto-energizing belts, vests equipped with bioresonators or as annexes clothing (buttons, buckles, etc..), according to the indications made by the inventors;
  — the transmission and reception of the active substance preserved in a state of aggregation other than the solid form:
    a) liquid, as a food / diet supplement (in example soft drinks, homeopathic tincture etc.);
    b) gaseous through combustion (in the form of flavor sticks, or in
other forms of dispersion) etc.;
c) radiative-plasmatic, distance transmission using bioplasmatic transmitters or radiative biotechnologies;
— the indirect contact of the human subject with the biophotonic resonators, which were presented in different support forms and strategically located (as specified by the inventors) in different places of contact, at the level of the consumer goods: clothes and accessories such as jewelry, belts or leather handbags, etc., bed linens and carpets, appliances and household items, furniture, decorative objects, or incorporated in architectural structures, as building and decorative elements of public or individual buildings etc.
— the use of biophotonic resonators as potential sources of protection against the harmful EI effects, of biological or technological origin (antennas, power EM sources, technical devices such as mobile phones or computers, various harmful sources of radioactivity, etc.), through the complementary effects of absorption and dispersion, in the same time, etc.
— the coupling of the resonators with the food resources of animal or vegetal nature by stimulating and preserving their nutritional properties, respectively their coupling with any type of drinking fluid, from water and various categories of juice up to the alcohol drinks, etc..

With regard to a part of these possible applications, a number of relevant experimental evidence will be presented in a second part of this study. On this occasion, will be presented also a number of therapeutic applications of other EI nature, already used and checked in practice, by using certain categories of «BR's».

* In conclusion, as an extremely important challenge, it should be noted that the use of any chosen biophotonic resonator can effectively double any other medical treatment, allopathic or complementary, energy-substantial, but without replacing it.

In particular, it is essential to understand that a «BR» is considered as an exogenous homeopathic principle that effectively doubles the endogenous principle through two possible strategies:

(1) By playing the role of the organizing matrix for the substances / therapeutic remedies used by a patient according to the classic medical indications: in this situation «BR» will play the role of a magnet and its EI array will organize the substantial system of the “iron filings”, the equivalent of the membrane “liquid crystals”, of the water molecules or various types of vibratiles of the drugs used by the patient. The effect of these substantial complexes / plastics can not be replaced by BR action [In cases of disease involving substantial substrate degradation, the presence of some organic active substances is
absolutely necessary to the affected human body], but it essentially contributes to their correct arrangement / ordering in the various subsystems (organs) levels of the body.

2) By using a «BR» for the information / structuring of a particular liquid such as water (or even of the quasi-solid foods), by means of “holographic resonance” mechanism, which was put practically in evidence by Masaru Emoto. The ingestion of these informed substances – somewhat equivalent to the endogenous homeopathic remedies – would complete the homeopathic treatment through a dual action “external use” & “internal use” type.

Therefore, it may be considered that through the stimulative and noninvasive EI effects generated at the aura level of the entire body, through the effect of increasing frequency, the «BR» significantly favors the healing process, acting in accordance with the principle of holistic medicine already mentioned: first it heals the “soul”, the vital field / auric-informational, and then follows the energy- substantial component of the human body.

It is probable that, in the next future, the number of «BRs» specific prescriptions will increase, being accorded to many other potential utilities, starting with BR’s for certain diseases till BR’s for better conserving the aliments and potable liquids, the for protection against the natural telluric and cosmic radiation or against the technical radioactivity etc.

A very important observation already suggested: doesn’t matter what type de BR we would use, the main effect is one: to increase the frequency of the human aura. This aspect has a double consequence:

— by knowing the new level of frequency, the gifted homeopath will be able to apply further the unique remedy able to keep and stimulate the state of health already optimized;

— such a performance could be essential, if necessary, for accomplishing: a) the expected metamorphosis of the human being [starting in 2012 as claimed], which will be able to interact by resonance with different “hierarchies of light”;

Finally, considering on the one hand the functioning mechanisms and the beneficial health effects which the «BR» unleashes, and the technologic simplicity of production and utilization of the «BR», on the other hand, the BIOPHOTONIC RESONATOR is a means of natural harmonization of the bio-psycho-logic health state, under the circumstances of a more and more natural option of the human being for the integrative energy-informational medicine.

The „Biophotonic Resonator”, indeed, a synergetic matrix...
Chapter 5
TYPES OF ENERGO-INFORMATIONAL EFFECTS: BIOTECHNOLOGICAL AND THERAPEUTIC PROVES

In the previous chapters, I have already presented the structural and functional principles of a Biophotonic Bioresonator (BR), based on the mechanisms of Exogenous Homeopathy (ExHo) which biophotonics has largely explained, both theoretically and practically.

In the present study, a more technical one, I am further developing the presentation of BR, paying attention to:
— a possible classification of BRs types and the principles of selecting and using them;
— some technological experiments of justifying the BR’s objective functionality;
— some specific healthy effects of BR’s, assumed in few relevant cases’
— the originality an ExHo strategy compared to other type of strategies.

5.1. GENERAL AND SPECIFIC TYPES OF BRs: A NECESSARY CLASSIFICATION

As a consequence of the above mentioned research, concerning the nature and the properties of the chosen organic ingredients that make up the composite of the active substance of the BR, few TYPES OF BIOPHOTONIC RESONATORS were already made.

The achievement of these types of recipes for BR, of the mixture combinations of active principles (AP: the ensemble of all plant and animal / protein powders, which play the role of the homeopathic remedies and which we will classify as "simple" and "complex", as we shall see as follows) involved several distinct phases, namely:

A. In a first stage, the unique mixture of biologically active substances (vegetal and animal) specific to a particular type of BR (which we call SIMPLE BR) involved a selection based on the following steps:
— an intuitive preliminary selection, based on the selection of vegetal and protein (animal) powders by taking into account three aspects: the functionality of herbal therapy, experience and feeling of gifted therapists from complementary therapies, and the use of radio-aesthesia measurements,
— a secondary objective and decisive selection, in which each element of the complex of active substances, was subjected to analysis using the analysis apparatus for the compatibility between human DNA and biological substances (vegetable and protein).

It should be mentioned that some of these resonators (BR1) proved to be operational for stimulating plant growth, such as cereals or food plants. In this direction, the possibilities for research and application are very broad.

●: The types of BR from this category involve a general strong action in the bio-field / aura of the human subject; at the immune system and organic-endocrine complex levels they comprise:

[1]. RB 0 (6 AP): with very strong informational action on the bio-field, amplifying especially the psycho-emotional and intellectual components of the human.

[2]. RB 1 (12 AP) with strong informational stimulating action on the bio-field (aura) and thus on the entire body's immune system;

In conclusion, the BRs from this category, are strongly resonating at the whole “auric field” of the organism, by:
— increasing its frequency and optimizing its structure first, consolidating the power of immunity system and intensifying the Energo-Information (EI) activity of the human body system, second;
— keeping the human health in an optimal state, on the one hand, the self-healing power of the organism being sensible increased, on the other hand.

B. In a second stage, several other types of BR have been achieved by combining the biological substances taken from two types of SIMPLE BRs to create COMPLEX BRs, (resonators obtained through the new combinations). This operation involved the careful study of two types of measurements, namely those achieved with:
— the Aura Video Station System and Biopulsar Reflexograph, able to highlight with priority a number of informational effects, manifested in the aura of the human subject and at the level of his chakras;
— with the electronograph system, able to highlight the energy issues, mainly of electric type, generated by the used active substance.

The following types of BRs have been created through this combinational strategy:
[3]. **RB 4 + (27 AP = RB1 / RB2 12 + / 15):** with energy-informational dual action, stimulating the bio-field and organo-endocrine system, for strong hyper-functional situations.

[4]. **RB 5– (41 AP = BR1 / 12 + RB5 / 29):** with energy-informational dual action on the bio-field and organo-endocrine system, for strong hypo-functional situations.

*The both types of BRs mentioned are able to determine a general effect* (at the level of the whole aura system), on the one hand, and a specific effect, focused at the level of a certain organ / organic complex, by the orientation effect of the colored mandala, on the other hand. It should be mentioned that the two stages of work mentioned above had as a primary purpose the optimization of the human health state, which is the priority of our research. In parallel we had in view a series of applications of BR by combining them with a series of commercial products, such as clothing, etc. [Ștănciulescu, 2008].

**THE BIOPHOTONIC RESONATORS** from this category (specific, of type 2) are characterized by the following properties:

- **Hypo-stimulating BRs:**
  [5-6]. **RB 2 (15 PA) & RB 4 (25 PA):** which inhibit the activity of a certain organo-endocrine system, focusing on chronic diseases, for example) and re-oriented to resume the activity of a certain organo-endocrine system, with an incipient dysfunction); particularly speaking, the two types of BRs *are able to reduce a series of strong hyper-functions* of the human body such as: hypertension, endocrine and digestive hyper-functions, obesity, cancerous tumors (through the reduction / cancellation of the cancer cell multiplication process), etc.

- **Stimulating:**
  [7]. **RB5 (29 AP):** for stimulating the activity of a specific hypo-functional organo-endocrine complex such as hypotension, hypoglycemia, hypothyroidism, hypo sexuality, etc.

- **Equilibrative:**
  [8-10]. **RB 3 (19 AP) / RB 6 (48 PA) / RB 7 (54 PA):** equilibrate the hypo- and hyper- oscillating functioning states or simultaneously manifested in the body caused by all kinds of dysfunction such as oscillating tension, cold shivers, and these types of BR are combined with one of the mentioned general resonators (RB1, RB4 + RB5-).
[11]. **RB 3●● (27 AP):** equilibrant for the metabolic system to correctly and completely conduct the metabolic burnings (at the hepato biliary pancreatic system, for example).

In conclusion, the BRs belonging to this category (**Type 2**) – the most numerous one – are able to normalize some energetic disorders of hypo- or hyper-functional type – corresponding to *yin / yang* illnesses, of lack or surplus of energy – by bringing and maintaining all the bio-psycho-logical functions of the human subject within the normal limits, being able to:

— *To normalize the metabolic hypo- or hyper-functions*, by acting both at the informational (aura) field level and at the energetic body systems (organs’ functionality) level, by stimulating and inhibiting it, as necessary. The BR in this category are generating effects *which regulate in some occasional hypo-or hyper-functional states*, which can be used alone or especially in combination with a general types of BR1 and BR4+. The beneficial effect is oriented to the specific state through the colors of the mandalas used in accordance with the organ-endocrine dysfunctional zone.

— Usually the BRs from this **Type 2** category have a larger number of biologic ingredients, an active substance with a large spectrum of resonance namely, but with a diminished energetic intensity (due to a lower mass of active substance inside the BRs body). Because in ExHo – compared to endogenous homeopathy – the intensity of luminescence could be associated with the degree of dilutions of the remedy.

**C. The third stage of the research** corresponded to the implementation phase of other categories of **BR** – namely to those designed to protect against the harmful effects of electromagnetic radiation, technical or natural (of cosmic or telluric nature), like (**Type 3**):

[12]. **RB+** designed for protection against certain harmful effects which are generated by the excessive presence of electromagnetic radiation through the excessive use of mobile telephones / handheld devices, computers, or RV, or even of the home appliances generating strong radiations;

[13]. **RB++** having as purpose the diminishing of the hyper-or hypo-stimulating effects that the knots of the Hartman or Curry network generate on human health, or when the human subject is exposed to their effects for an excessive period of time (as happens when sleeping, or working at office, etc..), or in the situation in which the effects of the
knots / nodes are amplified by the presence of cavities, mineral deposits and underground water courses, etc..

At these existing categories of BRs was added also the type: [14]. RB5●, specifically designed for the protection against natural and artificial radioactivity. The substances chosen for this purpose - now subject to verification measurements, will make available to those interested – to those who directly or indirectly faced the catastrophic events such as the recent ones in Japan (2011) - a homeopathic remedy (exogenous and endogenous too) to protect against various types of irradiating substances or for diminishing the radiation effects already accumulated in the human body.

* * *

The above types of BRs are dedicated to the protection of human body effect against different types of (electromagnetic) radiation: the BRs belonging these categories, having as main function the absorption of harmful radiation, represents a stimulating and protection complex for a particular organ / organic complex or of the body as a whole. In the case of the extensive exposure to electromagnetic radiation or radiation-generating equipment, the RB 5 provides protection against the radioactive sources by generating a (bio)electromagnetic filter / field of anti-radiation protection:

— by canceling or by diminishing the radiations effects (through reflection or / and demodulation of the incident waves) at the level of the mandalas colors and waves of form (generating a Fourier spectrum);
— by the absorption of harmful radiation at the level of different active biological substances, able to do that);
— by stimulating the magnification of the human body immune system, able to better resist at the aggressive effects of some types of radiations.

Many other types of specific BRs could be further added to this list, already existent. It is enough to mention some types of BRs (some of them being already in a certain stage of research), able to:

— cure specific and difficult diseases, such as diabetes, sclerosis in plaques, chronic hepatitis, some specific types of cancer or AIDS, etc.;
— optimize the EI of certain culture of plants, able to increase quantitatively their production and optimizing qualitatively the nutritive effects;
— stimulate the animals production, concerning different types of ingredients, such as meal, milk, eggs, wool, etc.;
— increase the EI properties of any type of alimentary drinks (starting from potable water and juice till the alcoholic liquids), solid aliments (for example to improve the degree of conservation of fresh or already prepared aliments, etc.);
— improve the EI effects of nutritive supplements or different types of natural or even synthetic medication, etc.

For obtaining all these type results, the work of an interdisciplinary scientific team is necessary, for finding the active substances and their specific / synergetic effects, for studying and measuring their effects etc. This is already happening in the laboratory of biophotonics and synergetic already existent at National Inventions Institute and of Biophotonic Synergy Design of Iasi, etc.

But, the challenge for organizing an international research team, maybe a LIVING LIGHT INSTITUTE, able to formulate biophotonic and synergetic solutions for solving many or the actual crisis of humankind – such as ExHo is proposing – still remains open.

* * *

According the structural and functional principles of BRs, already presented in our previous article, in this chapter will be presented the main structural and functional properties of two particular types of resonators, detailed principles of operation and directions for use namely the BR1 / BR4+ / BR5– types, on the one hand, the BR5+ type, on the other hand.

### 5.1.1. Biophotonic resonators br1 / br4+ / br5– having a general type of therapeutic action

BR1 / BR4+ / BR5– are two informational–energetic bio-stimulators, which help to optimize the general condition of the human body by using the unpublished, undiscovered principles of biophotonics (biology + laser theory / technology). The optimizing properties of the Biophotonic Resonator were tested with multiple strategies of (un)conventional assesments and in relation to a large number of users. The patenting of the BR1 / BR4+ / BR5– has ensured both public and peer recognition and awards at various Fairs and Exhibitions of Inventions inside the country and abroad.
The stimulating effects of BR1 / BR4+ / BR5– arise from:

- The active biological complex of BR1 / BR4+ / BR5–, consisting of 12 / 27 types of vegetable and protein ingredients, combined in different proportions, derived from ecological and non-polluted sources, each being chosen through a specific technological measurement, namely: through the determination of the compatibility of the active substances with a series of specific values of human DNA. Each of the biological substances chosen, through energo-information properties, exceeds the upper limit of the values related to the human body, making the stimulating information-energy effects of the BR1 / BR4+ / BR5– beneficial in all expressions of the human genome. In other words, the BR1/BR4+ provides benefit to every possible user. The active substance is encapsulated within the cavity of the transparent support-container of the pendant.

- Color filters, associated to the complex BR1 / BR4+ / BR5–, include:
  - two sets of eight filters as adhesive transparencies (a set featuring seven color filters ROYGBIV rainbow spectrum + one for white respectively), with a size of 42x26 mm, each filter having a complex color printed icon (mandala), corresponding to one of the 7 organic-endocrine complexes (chakras) of the human body, and to their synthesis respectively (in the case of the white filter and its related mandala);
  - upon request, a set of two indigo color stickers provided with a specific symbol for protection against the (harmful) electromagnetic radiation generated by computer screens, TV and handheld devices such as mobile phones.

The choice of color filters and related mandalas will be individually made, depending on the health status of each beneficiary, as follows:

- Using the white filter and related mandala, in the case of BR1, and the indigo filter / mandala in the case of BR4+, place appropriately on one side of the BR to generate stimulative informational effects at the bio-electromagnetic complex level of the body (aura) as a whole, and at the vegetative system level respectively.
- On the other side of the BR1 / BR4+ / BR5–, use one of the following filters:
  - any available / unused (RAINBOW spectrum / ROYGBIV), whose corresponding chakra / organic complex is intended to be strongly stimulated;
— the color VIOLET is particularly recommended, for stimulating the brain command and control functions, namely of the intellectual and spiritual activity, and respectively any other specific color (ROYGBI) of a certain organic endocrine complex having health issues;

- In cases in which it is also desirable to protect the body against radiation emitted by the technical systems, one of the sides of the BR1 / BR4+ / BR5– will be fitted with a special mandala, carrying the double spiral symbol.

For details on choosing the right color filters, it is recommended to consult our booklet: *Chromatic-therapy: biophotonics explanations*, which explains the following correlations of stimulating and equilibrating correspondence:

- RED: sexual organs, bones, circulatory system, legs etc.;
- ORANGE: digestive system, descending colon, spleen, kidneys, urinary system, skin, immune system, etc.;
- YELLOW: diaphragm, duodenum, upper digestive system, liver, pancreas, stomach, gall bladder, small and thick intestines transverse colon, nervous system, adrenals, etc.;
- GREEN: respiratory system, heart, lungs, esophagus, arms, thymus gland, lymph etc.;
- BLUE: neck, mouth, voice, shoulders, hypothalamus and thyroid, hormone system, etc.;
- INDIGO: pineal gland (epiphysis), eyes, nose, ears, tongue, sinuses, cerebellum, pituitary gland, hair, nervous system etc.;
- VIOLET: pituitary gland, endocrine system, head, brain, cerebral cortex, central nervous system, lymphatic system, etc.

The decision to use a particular color to affect a complex health situation can not be done mechanically, following only the above general guidelines, but requires combinations and nuanced options in relation to the specific situation of the human subject, which should be done in consultation with a specialist in chromatic-therapy.

**The stimulative equilibrant effects of the BR1 / BR4+ / BR5–.** Given the existence of several types of resonators, generally stimulating and equilibrating, hypo-or hyper-regulators, in order to choose the most suitable resonator for a particular health state, it is obligatory to consult a specialist therapist and / or read very carefully the information contained in the brochure. In this way it will be understood that:
The active substance, generating the energo-informational effects as a strong emitter of biophotons / bio-electromagnetic waves makes the BR1 / BR4+ / BR5– effective for:

— general stimulation of the immune system and equilibration of the bio-electromagnetic system for whole body (aura), which implicitly determines the optimizing of the operation of every organ;
— special protection for the intensive use of radiation equipment, generating a filter as an anti-radiation (bio) electromagnetic field.

The effect of the active substance of BR1 / BR4+ / BR5–, generated by the specific fluxes of biophotons (emitting an ultra-weak bioluminescence of different frequencies, having biological laser properties - shall refer, first of all, to the human beings "aura" level (BR1), meaning the pineal-pituitary-hypothalamic / "third eye" complex, responsible for controlling the vegetative nervous system and endocrine glands (in the case of BR4+) after that - through a mechanism of "holographic resonance" - will be felt gradually beneficial, to all-organic endocrine systems of the human body. The mechanism operates according to the principle: the recovery of "soul" first and then the "body", then the optimization of the entire body determines the optimal functioning of all parts (organs).

The active effect of color filters. Through the specific frequency spectrum it generates, the 7 + 1 color filters guide quasi-instantaneously the fluxes of biophotons emitted by the active substance of the BR1 / BR4+ / BR5– to:

— the aura complex of the human body as a whole;
— a specific zone of the body that is intended to be stimulated.

The 9th filter, anti-radiation creates – when used – protective effects that:
— emits /creates a field of "wave forms" that is designed to neutralize (by dephasing) the effects of the radiations emitted by the PC, TF, TV;
— amplifies the effects of the dextrogyrate (clockwise) torsion field generated by the biologically active substance of the BR1, a field opposite to the levogyrate (anticlockwise) one, generated by all those technical systems mentioned.

When seeking such protection too, it is highly recommended to apply a resonator of BR5+ type in front of the harmful radiation emitting screens.

Mandalas / symbols for each color filter have a dual function:
— to generate the "form waves" which stimulate a specific chakra;
— to achieve the complementarity with homeopathic effects between the dominant color of the filter and the harmonic colors corresponding mandala.
• **Positive thought beneficially affects the functioning of the BR1 / BR4+ / BR5–.** Encouraging the belief that the BR is truly beneficial, and will help significantly to harmonize the energy-information health state of the body, it creates an expectancy effect which primes the physical body to manifest a positive result. The effects of such a belief (see the brochure) are related to the adequate structuring of water / blood in the body (70%) and stimulating the release of biochemical mediators, hormones, etc. necessary to solve health problems. This “placebo” type response will subjectively double the objective effects of the BR1 / BR4+ / BR5–.

• **Generally, the bio-physiological effects caused by BR1 / BR4+ / BR5– are extremely refined, and may be felt by the carrier in the form of a weak tingling in certain areas of the body, or a slight warming of the body. This will resolve and be replaced by a general feeling of wellbeing. In the first phase, which may last 1 to 3 days, these effects may be manifest as a certain amplification of the dysfunctional problems (according to the "healing crisis" known in the classical homeopathy, equivalent to the amplification of the functioning of the body’s defense mechanisms). If the event of such a healing crisis, which may also manifest at the skin level and be strong and persistent, it is recommended to reduce the period of wearing of the resonator to about half the time, this meaning about 5-6 hours.**

• **The great advantage of BR1 / BR4+ / BR5– in relation to any other stimulating technologies represents its own capacity to be like a "living being", which generates biological effects consistent with those of the human body. Due to personalization of BR1 / BR4+ / BR5–, it is not recommended to be used by other persons, in order to avoid the transfer of possible dysfunctional information.**

**Tips in installation and use.** The mounting of the color filters – on either sides of the BR1 / BR4+ / BR5– is done as follows:

— the color filters are chosen according to the perceived need, and are adhered to the surface of the plastic pendant;
— the adhesive filter will be carefully removed from the filter paper (beginning with a corner) and fixed carefully (by positioning, firstly on a first side edge) exactly on the rectangular surface of the pendant, thus covering the entire visible area of the active substance;
— after the double application, on both sides of the pendant, the two stickers are carefully pressed, in order to remove any fold or air bubbles.
- **BR1 / BR4+ / BR5-** equipped in this way, is to be worn around your neck, hanging from the cord that is provided in the box (it can be replaced by any other suitable manner of attachment: chains, strings of leather or plant products, etc.) so that the pendant reaches the center of the chest. Sometimes, it can also be carried in a pocket too or in other protective place of the clothing.

— Given the homeopathic effects of the active substance (effect of "exogenous homeopathy", of quasi-instantaneous distribution through the "holographic resonance" – of the information at the level of the entire bio-electromagnetic field of the human body), a single **BR1 / BR4+ / BR5-** is sufficient to generate the expected optimizing effects. This can be combined with a maximum of one **BR1 / BR4+ / BR5-** (with 48 / 54 active substances), dedicated to the regulation of hypo-or hyper-dysfunction of the body.

— **BR1 / BR4+ / BR5-** adequately fitted is worn during the day. At night before going to bed, it will be removed and placed a minimum distance of 1.5 m from the body, This will minimize the risk of insomnia, restless sleep, etc. which can otherwise be caused by the BR’s stimulating effect on body and brain activity during sleep.

— During the night it is recommended that the **BR1 / BR4+ / BR5-** be placed next to a bottle of water whose structured / energized content can be consumed with beneficial effects on the following day. In this way the two homeopathic mechanisms exogenous and endogenous are combined: with other words, the external use and internal use.

— It is necessary to avoid any possibility of infiltration of water into the bio-resonator, in order to prevent the degradation of the active substance. For the same reason, the direct contact of BR active substance with the skin will be avoided while wearing it.

— If, after constant friction with the textile support of the clothing (or the skin), the mandala sticker begins to degrade, it may be replaced with another of the same color or, according to necessity, one of another color, after the careful separation (using a blade, for example) of the degraded sticker.

— Exchanging the color filter with another one may also occur when a certain dysfunction has already been resolved and the **BR1** will be properly equipped to control another dysfunction. A new set of stickers can be purchased at any time from the distribution centers.

■ **Warranty and warnings:**

- With proper use and care, the **BR1 / BR4+ / BR5-** has a warranty period to be at least three years. It is recommended that the BR be loaded / discharged on a regular basis (weekly for example).
This is accomplished through exposure to the morning solar light for 1 to 2 hours. Biophotonic resources may also be activated or amplified through bio-stimulation by simply holding the BR in human hands.

- **BR1 / BR4+ / BR5−** is not a medical device itself, but a natural (biological) energeo-information stimulator, whose harmonizing properties do not have the requirement of allopathic agencies for medical evaluation, standardization and validation.

- **BR1 / BR4+ / BR5−** is not harmful from the biochemically (according to the LAREX and laboratory analysis) or biophysically (according to the anti-radiation analysis), even with the very small quantities of active substances which emit fluxes of biophotons (ultra-weak bio-electromagnetic waves) of different frequencies. From here originates its exogenous homeopathic action without contraindications for use.

* * *

In conclusion, **BR1 / BR4+ / BR5−** stimulates the body's overall condition, leading to beneficial effects on the whole body, and can be used in concomitantly with any allopathic therapy, providing beneficial effect, and without negating the positive effect of the prescribed allopathic treatment.

To confirm the compatibility of the **BR1 / BR4+ / BR5−** with one’s energy state, one may wish to consult a specialist or therapist. Several means are available to measure the effect/compatibility of the BR and may include divining procedures or the use of bio-resonance equipment.

### 5.1.2. Biophotonic Resonator BR5+

**for protection against harmful radiation**

The RB5+ is an information-energy biophotonic resonator conceived on the unpublished and precisely undiscovered effects of biophotonics (biology + laser technology), which contributes to protect the body against radiation generated by technological sources such as computers, mobile phones, TV sets). The protective properties of the Biophotonic Resonator were tested with different strategies for measuring and calibration, both conventional and unconventional, while being practically verified by a large number of users. RB5+ is the result of a patent whose practical value has been recognized by awards at various international Fairs and Exhibitions of Inventions.
The stimulating effects of RB5\(^+\) arise from:

- The active biological complex of RB5\(^+\) is consisting of a combination of 29 AP types of vegetable and protein ingredients (the type of biophotonic resonator RB5, having an effect of a powerful stimulator and regulator of the immune system), to which were added other 5 special biological substances, having the property of being absorbent / inhibitors of harmful radiation. All substances mentioned were obtained from perfectly ecological and non-polluted sources, being chosen through special measuring technology, namely by determining their compatibility with a number of specific values of human DNA.

Due to the bio-photonic properties afforded, the energetic value of the active substance of the RB5\(^+\) – measured with our inedited bio-resonance device [Brasoveanu, 1998] – is 7.2 units, compared with the highest value of the human DNA, which is 6.2 linear meters. The fact that all biological substances chosen above – through their energy-information properties – exceed the upper limit related to the human body, makes the stimulating information-energy effects of RB5\(^+\) available to all types of the human genome, or in other words, of benefit in the case of every possible user.

The active substance transformed into a homogeneous powder is tightly placed between the plastic sides of a biological "CIP" (Computer Integrated Processing) of size 24x30 mm, preferentially having circular forms (generators of omni-directional form waves, emitting fluxes of biophotons with (bio) laser type properties. In other words, RB5\(^+\) can be identified with a mini "biological laser", and can be placed on the technical system which radiation must be inhibited: computer, telephone, television.

- The protective effects of RB5\(^+\) are dual and manifested specifically:

  — at the level of the technical system which emits electromagnetic radiation and from which the user must be protected (TV screen, or computer, handheld device respectively) the (bio)field of the active substance of RB5\(^+\) contributes to:

  a) the generation of a dextrogyrate (clockwise) torsion effect specific to all the biological systems, which cancels the levogyrate (anticlockwise) one, characteristic to all the technological systems.

  b) the harmful radiations cancellation (by demodulation) of the technological sources by the anti-radiation substances present in the active substance of the RB5\(^+\).
c) at the human body level, when this is under the direct influence of the RB5+ (in example, about 1.5 – 2 m distance, in the case of a person who is working at the computer, talking on the telephone or watching T, for example); in this situation the emission of bio-electromagnetic waves generated by RB5+ interferes with those of the human body (aura), amplifying them and determining stimulative-equilibrant effects at this level, such an optimization will positively influence in turn the state of the immune system; the situation of stimulation / protection at the human body level is maximum if the person involved wears also a pendant of RB1 type (with one RB5–).

- **The color filters** attached to the RB5+ complex, having themselves a high energo-informational value involve three additional options:
  - a variant of blue filter which stimulates the speech center (vishuddha chakra), which is used while talking on mobile phone.
  - a variant of indigo filter, which stimulates the central vision (the "third eye" or pineal gland, pituitary / Ajna chakra), is used mainly while working on computer.
  - a variant of purple filter, protectively applied over the biological CIP body, which will be used primarily for TV (stimulating both sight and hearing, Sahasrara chakra respectively).

- The dimensions of the filters used vary depending on the nature of the use, as follows:
  - F1: smaller size (42x26 mm) is used to cover / protect the CIP with the active substance;
  - F2: mid-size (of 50x30 mm) is used to secure the CIP on the support of the technical system, where its size does not allow larger free surfaces (especially for mobile phones).

- **Specific forms applied on the filter:**
  - symbol of the double-spiral, of DNA type, white color centered on each color filter, contributes – through the generated "wave forms" - to neutralize the radiations emitted by the technological sources;
  - the specific mandala for each of the three types of filters is designed to direct the stimulative biophotonic fluxes to the zones of the body which are corresponding to the chosen color.

- **The role of the color and form filters is:**
  - to distinguish the three different colors and shapes (double spiral + mandalas) compared with the types of technical devices for which they were designed:
a) *for telephone*: blue filter and the related mandala;  
b) *for computer*: indigo filter and the related mandala;  
c) *for television*: purple filter and the related mandala;  
— to stimulate the organic-endocrine zone (chakra) in relation to the color and related double spiral mandala;  
— to create a protective field between the technical object and the human body through the structuring of the RB5+ emissions of biophotons keeping the protective form of the double-spiral symbol.  

The mounting of the filters is simple, the user has to do the following two steps:  
(1) to apply on the CIP the filter F1 related to the device to be protected; 
(2) to apply on the CIP, which was fitted this way, the F2 filter, in order to stick it in any place on the surface of the technical object to be protected.  

The overlapping of the forms applied on the two filters produces / generates a holographic (harmonic) interference, and an interference of them with the active substance of RB5+, on the other hand, ***

In conclusion, the synergy of the resonance effects already mentioned results in a double protective effect:  
• when applied to the device: *indirectly*, at the human body level, and *directly* at the level of the technological system which emits the technological radiation by using RB5+;  
• *directly* at the human body level, by wearing a BR1 or a BR5.  

■ **Warranty and necessary warnings:**  
• RB5+ is produced so that in the conditions of respecting the rules of physical protection (degrading through shocks or inadequate storing conditions, burning or watering) – the warranty period to be at least three years.  
• RB5+ is not a medical device itself, but a natural (biological) energo-information stimulator, whose harmonizing properties do not require allopathic agencies standardized in medical evaluation and validation, standardized.  
• RB5+ is not harmful from the biochemical point of view (according to the LAREX and laboratory analysis) and biophysical (according to the anti-radiation analysis), including very small quantities of active substances, which emit fluxes of biophotons (ultra-weak bio-electromagnetic waves) of different frequencies. From here originates its action of exogenous homeopathy type without contraindications to use.  

It is recommended during the night the computer, the telephone, the TV set to be positioned at minimum 1,5 m of bed because the attached bio-resonators not to influence the rest of the human subject.
● RB5+ stimulates the body's overall condition, amplifies the immune system's resources, generating beneficial effects in the whole body, such as:

— disappearance of headaches, increase the acuity of vision, sight and hearing;
— optimization of memory and thinking process;
— avoiding the danger of developing tumors that can affect the nervous system (central,), or other neurological diseases (Parkinson's, Alzheimer's);
— optimization of the living environment by reducing at maximum the harmful electromagnetic emission in the living place.

● RB5+ can be used in parallel with any other technical protection devices which, given its biological nature is possible to amplify their beneficial effects.
5.1.3. General observation

As a general observation for the above types of BRs, we reiterate that in determining the real effects on the human receptor, all categories of resulted effects may be knowingly magnified using biophotonic components / accessories with functional effect, respectively:

— the white thin protection foil of the pendant cover / resonating cavity having an additional protective role of the active powder on the one hand, which it is specifically stimulated - in time varying periods - by means of the laser emission with differentiated color filters on the other hand;
— the color mandalas (the set of 7+1 pieces), whose application on the BR body nuances therapeutic effects by their efficient customizing at the level of a given human subject;

■ The simplicity of the modality of utilization and functioning of the bioresonator results from the fact that, being conceived under the form of a pendant or of a plate CIP, the “BR” can generate a double mechanism of resonance:

— at the holistic level of a complex of frequencies generated by the bio-psychic activity of the man (at the level of the “auric hologram”), stimulated through the white frequency and through the form of its afferent mandala;
— at the level specific for a certain EI centre of the human organism, of certain organs, resonating on the frequency of a certain colored filter and of the mandala corresponding to it.

It is thus recommended that a human subject with complex health problems should wear simultaneously two BRs:

— a general, harmonizing one (of the BR2 type), utilizing the white mandala, meant for the general optimization / fortification of the aura;
— a specific one, with hypo- or hyper-regulating effects (of the BR1 or BR2 type), correlated – depending on the nature of the affection – with one or another of the seven types of colored mandalas available.

■ The effect of the active substance in all types of BRs occurs through a mechanism of ‘holographic resonance’ in which specific fluxes of biophotons (a ultra-weak bioluminescence having "biological laser" properties) are received by the organic liquids crystals from the level of the cells, tissues, organ, and by the water / blood / plasma
molecules of the organism or other substantial vibrators, which are then properly structured according to the information received, resulting in the reconfiguring of their own shape. The mechanism of resonance triggered by the frequencies of the active substance of BR, stimulate exactly those parts of the body which include the energy resources (fluxes of electrons stored in the mitochondria) and informational (fluxes of biophotons stored in DNA) that will help to regulate the equilibrium of the body, for the recovery of its health state.

- Even the principles of BR’s functionality are the same, in all the case, the degree of efficiency is differentiated at from a person to other, due to their particular BPL features (the DNA resonance level, for example), the diverse causes and nature of the illnesses, the living context influencing the ExHo mechanisms, etc.

- If the dysfunctions of the subject are of opposite type (hypo-vs. hyper-), wearing an equilibrating resonator (of the BR 6 or BR7 type) is indicated. It is possible that if the simultaneous regulation of two types of dysfunctions is envisaged, the resonator could have on both sides two distinctive mandalas corresponding to the affections aimed at.

- If these affections are not known for sure, the principle of choosing the mandala intuitively can be applied, by choosing the color / shape which the human subject “likes the most”. A phenomenon of “compensatory resonance” is activated through this choice, that is: the organism chooses in fact exactly those stimuli of color and form which correspond in a compensatory way to a certain bio-psychic necessity.

- In accordance with the health state evolution, the rainbow color filters can be replaced every time it is necessary, and thus any combination of color / form necessary for the respective moment is achieved.

In conclusion, considering on the one hand the functioning mechanisms and the healthy effects which the “BR” unleashes, and the technologic simplicity of production and utilization of the “BR”, on the other hand, the BIOPHOTONIC RESONATOR is a means of natural harmonization of the bio-psycho-logic of the state health, under the circumstances of a more and more natural option of the human being for the a integrative / holistic / synergetic medicine.

- **A series of specific prophylactic strategies** must be envisaged for:

  - the protection of the resonators against degrading factors (such as water, excessive heat, etc), starting from the airtight encapsulation of the active substance, the supplementary protection with the clinging-sheet of the mandala, to the keeping of the resonators in a protected adequate box;
— the avoidance of the supra-stimulating effects of the “BR”s during the night; this is done very simply by taking it off; during the sleep, they can be kept in the area of the feet, or they are simply placed at a distance of 1-1,5 meters from the body, in order not to perturb – through exogenous resonance – a series of biophotonic endogenous, normal processes, which the body must generate in the absence of the light.

• The amplification of the therapeutic effects of the “BR” must be done by the procedures of THE INTEGRAL THERAPY [Stănciulescu, 2005] through:

  — The activation of positive thinking in accordance with the health problem that needs to be solved, through positive affirmations of the type: “I am feeling better and better, from all points of view…” (Coué) or simply “I am already healthy. Thank you for that…”. A relevant experiment concerning the power of thinking is presented bellow.

![Image of Aura Chakra Images showing different states](image)


The BPL (bio-psycho-logical) states of a feminine subject (MV, 41 years old), analyzed with VIDEO AURA STATION: (1) Normal state, morning > (2) In positive thinking (mental saying: “YES”, about 3 minutes) > (3) In negative thinking (mental thinking “N O”, about 3 minutes) > (4) Biophotonic resonator & Positive thinking (“YES, you are good to me”, about 3 minutes). It is quite evident the strong / benefic influence of “YES” (plus BR4+) upon the level of frequency, the amplitude of aura and EI level of chakras of the human subject, compared with her situation generated by an inhibiting “NO”.

The effects of this strategy are not an effect of a simple PLACEBO, but of a mental activation of the EI resources of auto-healing / auto-stimulating of the body, considering that:

— the resonant nature of the beneficial thought, manifested under the form of cerebral holograms, determines the liberation of some
stimulating or inhibiting hormones like serotonin and melatonin, the disturbing of the endorphins with tranquilizing effects.;

— the informational / vibratile power of the beneficial thought, respectively of the mental holograms generated by it, determines a double action: a) the liberation (through supra-radiance) of some profound EI, stocked in the human body, in the mitochondria and in the DNA, in the tissues etc.; b) the structure of the “living water” of the organism, by preparing the organism for a maxim reception of the optimizing EI stimuli.

* The utilization of the liquids ingested as source of homeopathic structuring of the 70% of water (blood, lymph, tied water etc.), by invoking some bio-psychic states through affirmations of the type: “Thank you, water. I know that you are good for me…” [Emoto, 2002];

— the mental transmission of the healing commands, viewing the organs and the whole functioning body, respectively by the anticipated preparation of the body in order to receive healing biophotonic stimuli;

—the activation of a “mental tropism”, by leading the biophotonic stimuli cerebrally exactly – through the mechanism of “holographic resonance” – at the level of the liquid crystals from an affected area, to the EI traps of electrons and photons from mitochondria and DNA, to the different reserves of biochemical substances, such as hormones, chemical mediators, antidotes against different types of poisons, etc.

* * *

Many other complementary mental of bio-physical strategies could be added for stimulating the effect of ExHo which the BRs are generating, such as:

• The activation of the principles of sound-therapy, by uttering aloud certain stimulating sonorous complexes (of the A, E, I, O, U or BAM, VAM, LAM, RAM, IAM type, etc.), adequate to a certain organic-endocrine complex, whose vibration is apt to unleash – through a piezoelectricity complex – beneficial resonances at the level of the envisaged organs, the unleashing of the auto-healing resources etc.;
The effects of sound and music at the human body level and the level of water, providing stimulation and structure similar to the properties of the BRs.

- Synergetic effect is achieved in combination with any other strategy of natural stimulation of the EI resources in the organism. For instance, treatments such as acupressure and reflex therapy, cromotherapy, etc., based on the effect of piezoelectricity of the membrane crystals, is apt to unleash electrons and (bio)photons, the energy and information stocked in the body.
- Complementary to all above mentioned strategies for improving the “software” level of ExHo, it is recommended to realize a periodic activation / amplification of the bioluminescent properties of the BRs, by their stimulation with diverse sources of polarized light, laser radiation, exposure for 1-2 hours to the full moon radiation or to the morning solar radiation, or by re-charging the BR’s potential by the bio-psychical stimulation of a gifted therapist, etc.

* * *

By connecting all these complementary strategies, the functionality of BRs could be optimized from a functional and structural point of view both, increasing the therapeutic effect at the level of human beneficiary.
5.2. BIOPHOTONIC RESONATORS
AS EXOGENOUS HOMEOPATHY DEVICES:
SYNERGETIC TYPES OF MEASUREMENTS

The chapter is presenting some of the experiments realized during the last years, proving that the effects of BRs are objective, that they have an incontestable influence on the human health state and that they can be oriented and controlled – in a certain measure – by the intuition of the therapist or / and by the use of bio-resonance technology.

Some specifications should be formulated from the very beginning, for a better understanding of the main intention:
— to prove that the phenomenon exists, by using a qualitative study, and not a quantitative / statistic one;
— to argue that the effects of BR are able to modify / improve effectively the EI state of a biological (human) system.

5.2.1. Biotechnological arguments and therapeutic results
types of methods and devises for measuring the stimulation and protection of the human health state

For proving technologically the existence of an ultraweak bioluminescent emission generated by biological systems and its influence upon the human biofield, through a “holographic resonance” mechanism – specific to ExHo type of therapy – we used some different types of instruments. A kind of “multiple blind” strategy namely: the same phenomenon, many type of measurements, all or them expressing the same meaning, but in different values.

In the frame of the present article, we will present only a few of the realized experiments, for sustaining the conviction of the ExHo functionality and efficiency.

* * *

The experiments that follow are proving that the BRs resonance phenomenon manifests objectively, by determining and ExHo mechanism. The experiments are only presenting their protocol and results, without being very much detailed or interpreted.

Various forms of measuring apparatus are used, contributing in this way to the credibility of the final conclusion: that the formulated hypothesis is a valid; that ExHo is functional and beneficial to human health.
**AURA VIDEO STATION:** This is an American instrument able to describe the structure of human aura, and the colours, amplitudes and intensity of chakras by measuring the electric charge of the holographic points from the human subject’s hand / palm. This resonance connection effect is known as “VOLL EFFECT”, after the German scientist who used first this type of measurement.

The experiments made with this apparatus are showing almost immediately the change of these parameters after a certain stimulation, interference etc., which a general and/or specific BR is able to generate. The effect is virtual, only, showing what will happen if a certain stimuli, such as ExHo, is given sufficient time to manifest at the physical level.

“**Biophotonic Resonator**” effects on the human aura (experiments realized by Eng. Johann Muller Dragoman), on two cases:

a) Female, 50 years old: 1. The image of the aura / chakras before wearing the device and the subsequent graphic image (left); 2. The image of the aura after wearing a BR 1 resonator and the subsequent graphic image.

b) Male, 42 years old: 1. Left side: green-yellow, 90% size, moderate intensity of the chakras; 2. Right side: the aura condition after wearing BR1 & BR6 resonators: the blue coloured aura (higher frequency), a constantly maintained size, but with a more harmonious distribution of the chakras value (BR1), sensitivity risen in the green-blue area.
In conclusions, the powerful effect of stimulation of an individual aura, from blue to indigo, namely from 80% to 100%, is obvious. These modifications equal an increase in frequency and intensity of the biophotonic spectra; a situation which, if sufficiently maintained, will positively influence the individual’s health state, starting from the general level of the aura to the different organs (chakras) of the organism. The synergy of wearing both BR’s generated the frequency elevation, generally (BR1 effect) and particularly, by generating a more harmonious manifestation of the chakra amplitudes (BR6 effect).

SCIO-QXCI. Another American devise (Scientific Consciousness Interface Operations / Quantum Xrroid Consciousness Interface) based on the possibility to collect electro-magnetic stimuli from different parts of the human body: anterior view, extremities (hands, legs) using a very sensitive measuring device. SCIO is offering a more complex scale of measurements, quantitative and qualitative, and even a particular answer to the BPL states of the human subject.

Experiments evidencing the SYNERGY OF some SANOGENIC EFFECTS were realized by: Eng. Sorinel Balan and Arch. Designer Dr. Aritia Poenaru.

The subject and conditions of the experiment: The subject, 55 years, male, stressed, with biliary dyskinesia and coxartrosis wore for 20 minutes on his forehead a general BR equipped with:

- a violet coloured filter (stimulating the sahasrara chakra, responsible for the activity of superior nervous centres, normalizing spiritual functions, and for sustaining positive thinking);
● a violet coloured filter, with a double spiralled symbol, beneficial for energetic equilibrium and organism protection against electromagnetic radiation, namely for stimulating the vegetative nervous system through the indigo colour.

The results represented below display two categories of effects: energetic and informational.

● **Energetic effects**: the value of the initially measured parameters has increased by a general level of 20% (see TODAY’S IMPROVEMENT PERCENT). This measurement is a result of the correlations of the oscillations of many parameters, increasing by 10 units: from 72 to 82, from 52 to 62 and so on. On the lower part of the screen is listed potential risks or predispositions to disease which may affect the subject.

● **Informational effects**: the form and dimensions of the energetic-informational centers of the organism (chakras) modified/amplified in their state and intensity.

In synthesis, the experiment shows the fact that constantly wearing a biophotonic resonator as a general health optimizer, can improve human health by:

— biophotonic stimulation of the superior and central brain areas with beneficial effects;

— protection of the cerebral system against technical radiation, which alters the bioelectromagnetic state, temperature and so on;

— the harmonic combination of the BR, utilized as a clothing “accessory” and realizing a synergetic effect (combining the material of clothes, their colour, form, volume etc.) over the general health state.

In conclusion, in order to generate a sanogenic effect of maximum efficiency, wearing any type of BR should be correlated, as is possible, with:

— the biophotonic parameters of the utilitarian objects with which the human subject continually interacts (clothing, devices, living environment);

— a chain of strategies of bio-psychical self-improvement and self-stimulation destined to amplify the organism’s own resources in order to efficiently prepare its resonance with the BR device.

**BIOPULSAR REPLEXOGRAPH**: This is a German device using the same “VOLL EFFECT”, but showing the human aura, in real time, after about 3 minutes. The apparatus presents not only the chakra system and value, but also the organs' normal, hyper- or hypo- functionality, accorded to a reference line.
The experiments are realized by Aritia Poenaru showing many aspects of increasing human structural and functional properties.

**Experiment 1.** Subject female, presenting as: a) the reference situation: few hyper– and hypo-functions (the lines above and below the horizontal green reference) and the values of about 50% and 70%; b) after wearing for about 10 minutes a RBXX, the measured values clearly optimized, having as a general sign the most equilibrated colour of the BIOPULSAR: *turquoise*.

![Experiment 1 graphs](image)

a. Control  

b. Action of mobile phone  

c. Action of
protected phone

**Experiment 3.** Representation of the aura of female subject (37 year old, generally healthy) in: (a) normal state; (b) a functional cell-phone stimulated state c) a close to normal state during cell-phone usage; we can observe a strong increase in the bio-electromagnetic field, by raising the frequency during cell-phone usage and, in reverse, a noticeable diminishing of its intensity when the protective BR5+ is used.

- Representation of the percent values of the chakras: the alteration of the 3 modified energetic-informational states in the 3 researched states, A, B, C is clearly shown by following the modifications of the percent values registered by the major chakras of the organism, describing both hyper and hypo-functional states.
- Effects generated over more powerfully affected organs by the use of a cell phone:
  - column A: the situation in the initial state which presents a series of dysfunctions in regard to the state of optimum normality;
  - column B: the situation during the usage of the cell phone reveals a hypo- or hyper-functionality;
  - column C: the situation while using a BR5+ protected phone.

In conclusion, all the organs measured with the BIOPULSAR device show modifications – more or less relevant – of the three situations in the present research. The overall sense of these modifications is – through the SYNERGY OF EFFECTS, that of regulating the functions - when using a BR5+ device of anti-radiating protection organ function approaches normal,

- **GDV CAMERA.** This is a Russian instrument, based on the principles of “KIRLIAN EFFECT”, which measures the aura based on ten fingers, and – according them – represents the whole body aura situation, and implicitly that of all the organs.
The presented experiment was realized by the therapist Ioan Ungureanu and by TDS, having as subject with a chronic osteo-articular disease.

The BR effects of a coxarthrosis and incipient gonarthrosis case (male, 56 years): frontal and lateral images of his aura: 
a) the initial image of the aura displays a breaking / powerful accolade in the area of the affected articulations (the hip and left knee)  
b) image of the aura belonging to the same subject, evaluated after an interval of about 6 months of constant, continual wearing of BR1 and BR6 pendants; we can notice a clear diminishing of the broken areas of the aura, in comparison to the previously afflicted zone. 

In CONCLUSION, concerning the effect of gradual optimization by wearing BR we can observe that:
— initially it is evident in the aura, and then at the level of implicated organs, as a consequence of the influence of BR1;  
— it influences the modifications of the physical body through the means of the BR6. (I am not sure about these conclusions…. My understanding was that both BR1 and 6 work at the energy (aura) level, and by affecting the aura/information then affect the physical body…. Reading this, it seems to me that you are suggesting that br1 works on aura/information level, and br6 works on body/substance level).

Wearing two correlated resonators, a general one and a specific one, proves to be the most adequate solution to solve some morphophysiological dysfunctions.
**OBERON 11.** The Russian instrument able to analyze the energetic states of all human organs, using a laser scanning source, is quite suggestive for human understanding, because it clearly presents at the level of each organ: the unhealthy points (black and brown squares) and the healthy points (the yellow points); the triangles top-up are representing zones of transition from normal points (ΛΛΛ triangular form) to unhealthy top-down triangle (VVV form).

The three analyses that follow have been realized by Iona Ungureanu, first, and eng. Constantin Budeanu, the second and third.

**Experiment 1.**

Experiment 1.

![Image of OBERON analysis](image)

The OBERON analysis of a chronic disease (coxartrosis), presents the situation of the same patient already analyzed: a) before optimization: the coxartrosis affected area before wearing biophotonic resonators; one can notice the affected areas (marked with black squares); b) the effects of wearing a BR complex over human health (RB1 + RB6) continually for 6 months, indicating no more black areas and the appearance of beneficent ones (yellow points) nearby the bone.

* * *

In CONCLUSION: in the case of the chronic condition, with degraded substantial core, the beneficial effect of wearing a BR increases gradually, but efficiently, by wearing it for a longer period of time. It is also necessary to mention that in the case of organic destruction, such as cartilage, it is necessary to combine the effect of BRs with a certain type of alimentation, nutritive supplements, structured water, etc.
Experiment 2. The evidence of the BR 1 over human organs (male, 50 years old). The liver condition in 2 hypostasis: a) the referential condition of the liver (the black squares indicate the pathological areas); b) the optimizing therapeutic effect of BR 1(with white and indigo mandalas) on the liver.

Experiment 3. Cerebral stimulation effect realized by wearing a BR 1 (with a WHITE+INDIGO filter): a) the referential situation, which displays the cerebral activity state of the subject, indicating a certain hypo-functionality of the central area of the two hemispheres, with a critical point at the left hemisphere, which reflects an accumulating stress and wearying condition (fatigue) of the tested subject; b. the potentially optimized situation after 10 minutes of wearing a BR, indicating the vanishing of the critical point (the black square) and the apparition of two points that show an almost normal situation of the previously hypo-functional area.
In conclusion, by wearing the generally optimizing BR1 resonator one can achieve an overall positive effect on the general health condition.

**Experiment 4. Effect of cerebral protection against malicious radiation**, possible with the BR5+ resonator (male, 57 years, intensive cerebral activity), by using a BR5+: a) normal referential state; b) cerebral state after being stimulated with an activated mobile phone (*SAGEM 501c* type); c) cerebral state, during the cell phone usage while protected by a BR5+ resonator. One can easily observe the altered cerebral states (the appearance of black areas and of the reversed triangles) during the phone usage, namely by reaching an almost normal state during the usage of the BR5+ protective device.

**Conclusions.** The evaluations made with OBERON 11 clearly show the beneficial effects of using BR1, in the case of some specific organic dysfunctions, and also the positive BR5+ effect against the negative influences of cell phone usage.

The same experiment was recently repeated in the context of a phone company, proving that the newer models of cell phones are indeed much better protected. Even so, the measurements made with a new model of METATROM proved that some parameters of health were negatively affected. But, as our experience proved, the combination of RB1 and R5+ generated a very good state of protection, at the level of immunity system and of the technical devise both.

In other terms, by using such a protective-stimulating combination, the mobile telephony companies could indeed promote in the future a new and paradoxical brand:

USE OUR PHONE FOR IMPROVING YOUR HEALTH.

*     *

*  *
Even such a performance will possible, we also must take in consideration that in the world are functional a lot of less professional mobile phones, which – without a certain strategy of protection – could indeed affect the human health. In this way, some very simple evaluations are possible and necessary.

**TRIFIELD METER.** Protective and stimulating effects of RB1 & RB5+ for the case of using different type of electronic devises could be a solution for protecting human body against the harmful radiation.

This necessity is sustained by some relevant measurements proving

- **Measurements of the cell phone effects and of RB5+ protection, made with a “Trifield Meter” device. Model 100XE (USA):**
(a) Minimum value of the magnetic field during the unused cell phone (a model of SAGEM 501C), placed 17 cm away from the measuring device, for proportionally diminishing the values of the recordings, otherwise big: the magnetic field value visibly augmented during the cell phone usage, at the 100 miligauss scale, on the one hand; the considerably diminished value of the magnetic field during the cellphone usage, protected by BR5+ at about 35 miligauss, on the other hand.

The absolute values of any measurement are different in regard to the various conditions (place, time of the day, weather and so on). The same directions of the proportional amplifying/diminishing of intensity were observed in the case of the electric field, namely of the microwaves from the radio spectra, activated during cell phone usage. By using this device we have also acknowledged the protective effect of the BR on the impact of the electric field, and also on the low frequency EM waves (radiotype).

**METATRON.** It is a new version of OBERON device, a much more efficient system and offering much more detailed information.

This newly acquired device has been used in laboratory activity for recent measurements – made by Eng. Mihai Costache – and could also be statistically relevant. In the present context we will present only one case study of a female, having certain health parameters possible to be optimized by wearing general powerful biophotonic resonators: BR1, BRXX, BR5–.

The stimulating difference of active substances and colours…
The conclusion of the above presented experiment: In all cases, the control situation (left image) was evidently optimized by wearing the RB1 and, respectively, the RBXX and RB5—stimulating devises. The differentiated effects of active substance and colours are evident, resulting from the BPL states of human subject.

**BIOPHOTONMETRY**: This technology of measurement is a combination between the principles of biophotonics ("laser like" emission of biophotons) [Stănciulescu, 2003] and the principles of spectro-colorimetry (develop by Eng. Mircea loan Popescu) by using an Easy Match Qn Software (MiniScan XE Plus HunterLab).
The experimental data are obtained by comparing number values of the colour on the forehead of the subject, un-stimulated, with number values of the color obtained in two versions of human states, namely:— by using a BR1 (Blue and Indigo filters) & BR6 (Orange and Green filters); the resulted graphic is described by the redline (bellow);— by using a BR5+ placed on the in-use mobile phone while held on the right ear; the resulted graphic is figured with a black line (above).

The conducted tests were obtained by mediating 6 automatic measurements, taken every 4 seconds.

The two graphics of the experiments realized by human body stimulation and measurement with the HunterLab devise, during wearing different types of BRs

The experiments concluded that the analysis of the spectra of reflection visually indicates in all cases that wearing BRs improves the conditions of the health state, by a more adequate bioluminescent emission (of the number of emitted biophotons). This alteration leads to a further modification of the general health state, according to means about to be defined by the evolutionary development of the current method.
**DDFAO EQUIPMENT.** This medical device for computerized interstitial scanning and treatment by bioresonance is able to follow virtually and in actuality, both the human body metamorphoses under different type of EI stimulation, such as BRs. In this way, some specific measurements were conducted by Dr. Dan LUTICHEVICI (Cluj-Napoca). As a physician, implicitly working with BRs devices, he obtained many amazing optimizing results with his patients. From the many possible cases, the following information presents one case, as the author himself transmitted to me.

The case study concerns a patient of 79 years old, male, presenting liver dysfunction and circulatory diseases. In relation to the dysfunctions told by the patient, we checked the VALUES FOR OXIDATIVE STRESS, corresponding to the following organs: liver, stomach, pancreas, duodenum, AQ (ATHEROGENIC COEFFICIENT) – the REPORT bad cholesterol versus to good cholesterol (HDL / LDL, using the DDFAO equipment.

The patient states of health scanned with DDFAO

- After a first scan of the patient, which was performed on 19.07.2009, a general BR1 bio-resonance stimulator (in housing) was worn, and after two weeks was added another three CIPs of the same BR1 type, one located on the liver and the other two located on the legs in acupressure points known to improve the peripheral circulation. (This strategy is representing another method for obtaining the BR therapeutic effect: to stimulate by “holographic resonance” – directly and constantly – the EI meridians of the body. TDS). No other treatments were indicated.
• At a subsequent scan, which was performed on 23.08. 2009, the negative values associated with peripheral circulation decreased by 20 points, a very good result for a relatively short period of wearing the BR. The patient states that the pain in legs, manifested as a burning, is reduced, no longer identified as not intense. The values from the liver also decreased significantly, as did those targeting the cholesterol.

The data presenting the optimized effects of BR1 at the level or patient

The result is an obvious improvement of the general situation / condition of the patient, including the neuro-psychic status and the values of neural transmitters which were in turn significantly optimized.

In conclusion, we could assert that such health-generating types of effect – which we will present more detailed in another context – are specific to the mechanism of Exogenous Homeopathy which is applied and justified by the BR.

■ BIOPHOTONIC SCANNER. The biophotonic scanner measures the concentration of carotenoids on the skin / hand surface (through the reflection of a laser beam in the liquid crystal cell (acc. to TDS), and provides information about the antioxidant protection of the human body in relation to a series of categories of values mentioned in statistics below.

![Image of biophotonic scanner]

poor / satisfactory / good balance / very good balance

In relation to the category to which belongs a specific subject, it is highlighted the degree of body protection against harmful factors which are the oxidants, free radicals, etc.
The following measurements were performed by Dr. DELIA CRUCERU (manager PHARMANEX) and TDS (2009).

**The biophotonic scanner and its modality of evaluation**

The experiment conducted with BR showed an increase of the defense potential of the two human subjects evaluated, as follows:

- Female subject, DC, with a very good health condition, having never worn a BR; the carotenoids level raised after the simple wearing of a BR1 for 10 minutes, with 3,000 units (from 46,000 to 49,000), which shows a relevant increase in the capacity of the immune system.

- Male subject, TDS, BR carrier, removed for 10 minutes a complex BR1 + BR6, after which the first measurement was made, and showed a good level of carotenoids (43,000 units). After this measurement, the complex BR1 & BR 6 was returned to TDS, and after a further 10 minutes wearing the BR complex, a second measurement was taken. The recorded value increased by 1,000 units, which shows:
  a) the beneficial effect on immune system of constant / permanent wearing of BR;
  b) the obvious increase of the body's immune system resources, when the BR system was used again.

* * *

According to exogenous homeopathic treatment the wearing of a BR may trigger – in certain situations – a reaction to the momentary loss of carotenoids level, as a paradoxical effect of the "healing crisis".
5.2.2. The interaction between vegetal systems and Biophotonic Resonators

Using the principles and mechanism of biophotonics, a first explicit experience of interactions between a human being and a biological vegetal system was realized at Neuss in 2003, by professor Rajendra Bajpai (India) and by myself, using a unique device: the PHOTOCOUNTER invented by professor Fritz Albert Popp, and used at the laboratory of International Institute of Biophysics, Neuss, Germany, 2003.

This experiment – presented in my previous analyses – put into evidence the variation of ultraweak bioluminescence of a vegetal system (lichens), stimulated by my hands, for about 5 minutes, from about 10-15 cm distance. The experiment result: the graphic of the normal / non-stimulated emission (below), compared to graphic of the emission stimulated by hands, in its version of spectral representation;; b) idem, in the biophotonic representation version.

We could conclude that in this case of stimulation, the human hands played the role of a natural / living BR, initiating the phenomenon of holographic resonance specific to Exogenous Homeopathy.

In the frame of the previously mentioned research [Stănciulescu, 2008], a very relevant experiment proved another type of ExHo, between a biological system type (wheat seeds) and types of exogenous biostimulators, such as different types of organic materials and a BR6.

The protocol of the experiment [Stănciulescu, Apopei 2007] the same type of culture (wheat) stimulated by different type of biological active substances
The experiment used many types of “active substances” (biological material) such as textile materials, for stimulating the growth of the wheat seeds. The most efficient stimulation was of the BR 6 (sample number 7), as compared to the non-stimulated sample (number 1).

In conclusion, the experiments proved once again that the vegetal system was stimulated by the resonance of a specific biophotonic resonator BR6, with the resulting increase being quite evident.

**A very recent and complex experiment – of stimulating a Chia Herb Garden** – was realized and describe by Ann Simard (Canada), our research partner. As the author presents, the purpose of the experiment was to determine / demonstrate the effectiveness of the BR on plant growth.

The experiment supposed: 2 Identical Chia Herb Garden Kits, 2 water bottles, 2 plastic trays, 1 BR1 with green and clear/white mandalas. The used method:

- Day 1: 1 kit exposed to BR; Other kit: No BR exposure (control). Kits stored separately to avoid cross-contamination of fields, in closets (same light conditions) in bedrooms maintained at the same temperature, for 3 days.
- Day 3: Planting as per kit instructions. Clearly identifying using plant markers and code on pot: C = Control; BR = Biophoton Resonator. B= Basil; C= Cilantro; Ch = Chives. IE: CB, CC, CCH. Control group planted and placed in plastic tray with glass water bottle but no BR. BR group planted and BR suspended with green and clear/white labels from glass water bottle, and surrounded by herb pots. Two locations selected. Similar light conditions and same temperature maintained in both locations.

Plants checked daily to water, and trays rotated with each check, to control for location. Measure weekly or more often if visual changes.

Observations: weekly photos used to document further measurements, and experiment came to a close on day 70. See photos below taken on day 70.

This controlled experiment showed significant differences in the control and resonator plants. The basil and cilantro benefited by the presence of the resonator, growing more quickly producing taller plants with larger leafs. The presence of the resonator did not seem to benefit the chives, however by the end of the experiment, resonator and control chives were approximately equal, indicating that no inhibition or ill effect occurred in the resonator chives.
In conclusion, while these results are preliminary, they suggest further research is required with larger sample sizes. The lack of perceived benefit to the chives indicates that a different resonator or mandalas combination may be suggested, and that a means to measure compatibility of the resonator / mandala with the subject / object being examined would be beneficial.

*       *

Synthetically, if we would correlate the three types of experiments mentioned above, we could conclude that the use of BR for amplifying the vegetal production without genetic mutation and chemical pollution represents maybe the most important way to overcome the actual crisis of resources, in general, of alimentary products, in particular.
5.2.3. The interaction between BRs, liquid and aliments

Many other types of ExHo interactions could be taken into consideration, proving the very large spectrum of BR applications. Each of these interactions could be evidenced by using complementary strategies of measuring, such as:

- **BIOPHOTONMETRY.** The technique defined as Biophotonmetry is able to put into evidence the beneficial effects of BRs on liquids (wine, water, etc.).

- **MINERAL WATER:** the two curves show the reflection spectra of water (normal water, the upper curve, redline) and of water stimulated with BR5. One could notice a certain parallel of the spectra, with the exception of few uneven areas in the area of the 420nm, 460-490 and 510 nm wavelength, which marks the presence of certain structural modifications of water (chemical and concentrational) following some maximums of biophotonic absorptions.

- **RED WINE:** having the absorption curve indicated by the redline, presented after the stimulation with a BR6 (with a yellow violet mandala) few disruptions of the parallel in the 430nm and 520-530 nm, which means an appearance of the polyphenols, a darkening of the wine’s colour caused by the vanishing of the red pigments, which equals a process of wine aging.

Conclusions: applying BRs on the liquid filled bottles (wine, water and so on) generates mostly informational effects, which modify the structural-qualitative parameters of the liquids. Consequently, by acknowledging this quality of the BR, their functionality can be utilized by all producers / consumers of various liquids.

We must remember in this context that – during the night / sleeping – the BRs must not be used, and instead could be attached to...
a bottle of a certain potable liquid which in the next day may be consumed. In this way, the same information will stimulate the human body from outside, as Exogenous Homeopathy states, and from inside, as (classical) Endogenous Homeopathy supposes.

Consequently, a Biophotonic Resonator represents an amazing synergetic mediator, able to unify the tradition of homeopathy and modern technology.

■ **METATRON.** The privileges offered by this device permitted us to realize recent measurements and formulate conclusions concerning the properties of informationalized / structurized water by using BRs devises. The effect of RB5 on normal tap water: a) a better protection against the wall of aorta degradation; b) the beneficial effect at the iris level.

All of these measurements prove that water (and others aliments / food too, we have already relevant and successful experiment for that) represents a perfect mediator for transmitting the BR’s information at the level of the affected organs, or at the level of the whole body. In this way, to prepare such a type of water by using the stimulating effects of BR during the night, represents a simple and very efficient solution.
5.2.4. The BRs resonance consequences on physical systems

The following experiments are directed towards the stimulation of physical systems (utility products, clothing, instruments and devices, materials, etc.) with different types of BRs, using different techniques of measurement, such as:

■ OBERON. For proving that a synergy exists between BRs and various types of utility products, some unconventional but relevant measurements were realized. In this way, as a very efficient and profitable practice for improving or stimulating the human health state is made in the connection of a BR and a utility object, such as a leather agenda, a wallet, etc.

A leather agenda stimulated by BR1 and BR5+ (CIP FORM)

The experiments were suggested and conducted by Eng. Horia Bologan, director SC Imperial Accessories, who sustained our scientific research and presentation of «BIOPHOTONIC CONCEPT PRODUCTS» at many international salons and inventics fairs.
Accordingly, the effects of the interaction / holographic resonance of a leather object (agenda), equipped with some BRs, are strongly influencing the BPL states of beneficiary: (1) the leather object (a) is maintaining constantly the state of the human subject; (b) equipping the object with a BR1 (c) determines a sensible optimization of the gallbladder (d), by the disappearance of two negative points and by the apparition of yellow very positive point; (3) wearing two resonators, RB1 & RB5 (f) determined a strong optimization of the biliary vesicle states (g).

The proved possibility to combine the BRs with different type of useful consume products enlarge extremely the opportunity of their use into the benefit of human WELL BEING.

■ AURA IMAGING SYSTEM. The connection between a BR and a clothing complex is very common, since a BR could be used as a decorative accessory. In this way, many experiments have been realized during our research project on “biophotonic health-generating clothing”. For the relevance of proofs, I will mention only one example. It is about the modification of the human aura by coupling biophotonic clothing (a blouse of silk and a cotton skirt) and a BR 1 (stimulating) by a person (female, 30 years, with renal hypo-functional problems, and generally sub-energized).
The image of the resultant auric spectrum: it is evident that there is an increase in frequency of the whole biofield (from blue-indigo to white-lavender) and in auric field from 60% to 80%. The situation is perfectly favourable to the EI optimization of the subject.

The conclusion of the experiment is that a correct combination / synergy of the elements of clothing and the appropriate BR will certainly contribute to an increased state of health, accomplishing the main aspiration of ExHo: best results with small implications.

**METATRON.** By using this type of measurement, a very interesting phenomenon was put into evidence, namely: the connection of human body and a certain source of energy.

In this way we have used a special heating source – our patented invention – generating “biological infrared radiation”. That’s because the active substance able to generate a heat of about 70 C degrees is realized by using some BR type powder. So, we could consider that the source is similar to a biophotonic resonator.

Starting from this premise, we had the curiosity to measure the effect of this type of “biological heat” on human health. The obtained results were amazing: each time, after keeping the hands over the radiant source, the negative parameters of the body were strongly optimized.

The influence of a biophotonic source of heating on human health: the case of a subject / male exhausted after a long travel and changing of medium, with a very poor energetic situation of the brain. After few minutes of heating his hands, the situation change radically, becoming a normalized one.
It is enough to present such a case, for understanding that the BRs – with their different types of energy and information directed towards the human body – are representing an incredible source of health, when incorporated in constant elements of the medium of life.

To generate a biophotonic (stimulating and optimizing, ecologic and sane) frame of life represents an alternative which the present society is awaiting.

**BIOPULSAR REFLEXOGRAPH.** The realized experiment was directed to prove two complementary aspects, namely:

— to prove that physical materials have a certain memory, by stocking in their EI field certain type of information;

— to justify that the BRs can influence the interaction between a human being and a certain type of material.

The experiment proposed the measurements of different types of stones from different places, including their connection with a certain BR, and to verify how their EI potential affects the human being states (stimulatory or inhibitory).

“Stones memory” – an experiment conceived and realized by Aritia Poenaru – shows a small modification of subject BPL parameters, influenced by an ordinary stone taken from the wall of a ruined church, and a perfect change of all the parameters and of the aura colour (turquoise) when the stoned (another type) was taken from the altar place and the body was stimulated by a BR1.
The conclusion of the experiment is proving that the human body interacts with different type of EI field emissions that concern the nature of material and the place it was procured, the natural EI of the place that the material (stone) belongs (profane or sacred), that a BR can positively influence the connection between human being and around materials.

The experiment is quite relevant for proving that an *architecture of light* is objectively possible to be conceived, as our patent on *biophotonic architecture* already suggested.

For concluding, we should assert that the functional privileges of Exogenous Homeopathy are representing a potential of harmonious life which we are already obliged to take in consideration.

* * *

Before closing, we should say that the opportunity we had in the last period to use two available bioresonance instruments – a BIOPULSAR REFLEXOGRAPH (showing the biofield state of the organism) and a METATRON (working on the organs energetic levels) – offered us the possibility to realize a large number of measurements and implicitly to justify statistically that the BRs are working both at the informational level and at the energetic level. We remember again that in the case of BR – as in the case of any informational therapy – the therapeutic effect is appearing first at the auric level and after a time only at the body level.

The conclusions of this research – assumed as study of case(s) too – will be presented in another context.

For proving that BRs have optimizing / curative effect on human health, few special casuistry have been presented it this chapter.

One of the comments attached to the first part of the article dedicated to BR – signed by Dr. Shekhar Gupta suggests exactly necessity of such a presentation: “BR theory seems to be very complex one. It is not so simple as like cures like in homeopathy. The writer has not given a practice case of a patient and his disease cured by BR method”. Thank you, Dr. Gupta for your good considerations and suggestions.

A more extended casuistry will be presented into a future context. For the moment, we wanted only to prove that ExHo is indeed a very powerful therapy, despite its “weakness.
A very special not only symbolical effect: to feel and to say explicitly your “BR1”: “I love you...”. The measurement is proving a perfect harmonization of the body’s parameters: turquoise color, again...

Such a special result could be generalized at a statistical level or quantitative level. But, for the moment – in the frame of the present paper – we preferred to realize a qualitative research only and not a statistical one, because:

— working homeopathically, the BRs action presents as different effect in different patients;
— to work with BRs suppose a therapeutic creativity, similar to the homeopathic indication of remedies, in which the general direction of BR’s function is manifest (proving the hypo- or hyper-stimulation effect), but the details will differ from one case to another. Hence, research which allows for statistical analysis achievable in the science of nature and allopathic medicine is not realistic in the case of homeopathy and implicitly ExHo;.
— until now, the beneficial effects of the BR has been proven in small scale experiments in co-operation with physicians and therapists, who offered us many relevant case studies.

By finalizing our plea for ExHo and implicitly for BR, we express once again the hope that by detailing our previous experiments, and crediting the obtained results, a scientific community opened to this apparently “crazy” idea – to build biophotonically our medium of life, in a harmonious resonant way to our BPL states of health – will contribute step by step to its accomplishment and its diffusion all over the world.

5.3. INSTEAD OF CONCLUSIONS:
THE STRUCTURAL-FUNCTIONAL ADVANTAGES
OF THE BIOPHOTONIC RESONATOR

Before any other consideration, we have to say that unlike other technical devices (the presentation of these differentiation was essential for obtaining the invention brevet), source and so on, for the optimizing of the human organism, the BIOPHOTONIC RESONATOR was based on:

● The existence of a theoretical frame of great scientific value, namely on:
  — the new principles of BIOPHOTONICS, meant to originally explain – for the very first time- the “holographic resonance” principles which make possible the interaction of the biological systems of the world (vegetal, animal, human), and on the other hand [Constantinescu, Stânciulescu, (bio)photonic theory of the energy/information, 1993-1995], namely to clarify the mechanisms able to generate ultra-weak bioluminescent emissions of a “BIOLOGICAL LASER” nature [Stănciulescu, Manu, Fundaments of biophotonics, 1995-2002];
  — applying the SYNERGETIC principles to a series of sanogenetic effects specific to biophotonics [Stânciulescu, Poenaru, 2006-2008], resulting in a series of patent acts referring to complementary inventions;
  — the analytical-scientific research of all trials to produce natural or technical bioresonators, in order to prove and overcome some functional and structural limits.
  — the making of an ensemble of measurements and presentation of a large set of data, previously non-existent, based on
the mechanisms of “double blind” trials, namely on the verification of the same prophylactic and therapeutic properties of the BR with the help of a set of devices renowned for their valuable testing abilities.

The general conclusion reaches the norm of an obvious therapeutic function.

- **The application of the correlation between BIOPHOTONICS and SYNERGETICS to the field of complementary therapies**, generally, and of homeopathic research in particular through [Stănciulescu, 2003, 2007]:
  - the biophotonic explanation of the functional mechanisms of classical homeopathy (endogenic);
  - the ingenious explanation of a new concept – that of “exogenous homeopathy” referring to the informational influence of health through biophotonic emissions generated externally by the organism and not from within, as is the case in the “endogenous”;
  - the application of this knowledge to the explanation of results obtained in experiments such as “AD fito-devices for energizing and stimulating” [Stănciulescu, 2005].

These fundamentals made possible the manufacture and patenting, by the already mentioned synergic research team, of the first prototypes of Biophotonic Resonators.

Among the objectively proven properties of these experiments and measuring procedures already presented, we can conclude that the BIOPHOTONIC RESONATORS display a series of brand new STRUCTURAL and FUNCTIONAL advantages such as:

- **100 % biological quality of the active substance used to the BR manufacture** (a complex of protein and vegetable powders), assured by the following facts:
  - it doesn’t need any other physical ingredient (mineral, metallic, etc.) which could alter the natural attributes of the biophotonic emission, therefore influencing the state of the receptor;
  - it does not contain any technological hint (electric sources, power accumulators and so on) which could become a source for levogir torsion; these fields are added to the noxious effects of the EM technology (TF, PC, TV), which becomes amplified through the natural effect of dextrogir torsion generated by any biological system (including the one of the active substance in BR);
  - through the exclusive biologic nature of the used active substances, the BR compatibility with the bioluminescent
emission of the human organism is from the beginning maximized, based on the effect of holographic resonance.

- **Determination and choice of the biologic referential involves a special measuring biotechnology**, unique in the world, in order to establish the compatibility rate of the bioactive vegetal and protein substance with the energetic – informational types of DNA, which makes every type of BR to become functional in every possible human way and not only to some particular categories of users.

- **Refined link of the BR bioelectromagnetic emissions to the frequencies of the BEM field specific of the human body** becomes possible through the means of filters/associated frequency spectra (colored ROGVAIV stickers). Thus, it generates the possibility of:
  - personalizing a BR by adjusting it to some specific problems, of each beneficiary, at a given time;
  - the appropriate modification of the BR functionality, through the simple change of the colored filter, along with the gradual change of the health parameters of the subject.

- **Through the means of the color filters an effect of “homeopathic cromo-therapy” is assured**, by the fact that every color filter is equipped with:
  - a mandala able to generate – through specific waveforms – informational effects adjusted to the level of the referred chakra, “reminding” how the chakra should correctly function;
  - the complementary colors to the dominant one, which generate the effect of “homeopathic color-therapy” already mentioned.

- Through the nature of active substance and through the associated frequency filters, BRs are made in order to generate a double biophotonic effect:
  - *generally prophylactic*, through the overall action on the aura for the amplification of the immune system (BR1 is mostly responsible for this);
  - *specifically therapeutic*, through the focused action (with the help of color filters) on the solving of a specific dysfunction to the level of a certain organ of an organic complex (chakra), by using one of the BR2-7 devices.

- The therapeutic-prophylactic function of a BR is doubled by the protective one against a noxious radiation generated by:
  - natural earthly sources (pathogenic areas);
  - technologic sources specific to the communication systems (TF, PC, TV, so on.).
This protection is achieved through the supplementary introduction in a BR of some special biologic elements, able to absorb / disperse the noxious radiations. By adding to the BR5+ a special color filter (blue, violet, indigo) and a geometric figure plus a special mandala we contribute to the augmentation of the protection effect of this BR.

- Making the BR as a medallion also allows it to be worn close to the central area of the organism, nearby the chest, on the vertical line of the chakras, which enables:
  - a harmonious distribution of the bioelectromagnetic field to the level of the whole biofield of the body, closing therefore the discomfort of other manners of attaching a BR, such as glue, stickers and so on;
  - considering that the holographic resonance effect generated by the BR, it is sufficient to wear two complementary resonators (a BR1 and a specific BR6/7) for the information to install spontaneously in the auric field, which also makes the need to buy many resonators obsolete
- Manner of making a BR for technologic protection – as a CIP (equipped with adequate color filters – allows a double protection of the beneficiary on:
  - the level of the noxious radiations emitting by a simple placing of the BR 5+ CIP on its canvas (TF, PC, TV) by sticking it with the glued support;
  - the level of the beneficiary, by wearing a BR1 with a function of general protection / stimulation of the immune system or at least of a BR1 type CIP which can be easily taken into the wallets, pockets and so on.
- Based on “biologic laser” mechanisms, the BRS can be stimulated from time to time by specific procedures with biologic and technological sources, which increases their viability with the condition that the active substance is protected from stimuli such as water/humidity or mechanical destruction.
- Given the facts of this augmented structural-functional complexities, the price of a BR is more reduced than of any other marketed product, one or maximum two BRs being enough to solve the complex task of human health improvement. Under these conditions the access to these BRs can be assured for a large spectrum of the population.

Some final observations are necessary for sustaining the presence / circulation of the BRs on the market:
• The BR is not a remedy or a medical device in the real meaning of the term, but a stimulating source which through its generated energetic-informational non-invasive effects maintains prophylactically the optimal state of health or / and it encourages the (self)recovery.

• Not being in direct contact with the body, being carried like a pendant, having incorporated active substances which are not chemical or radioactive noxious, BR does not require a special standardization or accreditation by medical institutions subordinated to Ministry of Health but only the certificates of quality necessary to a large distribution on the market, like LAREX or / and ISO.

• The utilization of BR as a stimulator, which contributes to releasing – if need be – of energy traps electrons stocked into mitochondria) and information traps (biophotons stocked into DNA), able to initiate/intensify the healing process indicated by the appearance of the illness.

• Being an energetic-informational supplement transmitted to the organism through waves/biophotons, the alternative utilization of BR shouldn’t be substituted for substantial medical treatment, allopathic or complementary, imposed by morpho-physiological diseases.

* * *

As a GENERAL CONCLUSION, we could mention that all the above presented structural and functional parameters are not to be found individualized – and much more in the Functional SYNERGY – in any of the already existent sanogenic devices in the current market, which ensures to the Biophotonic Resonators produced by the patentees through BIOPHOTONIC SYNERGY DESING, Iasi, ROMANIA (tdestanciu@yahoo.com):

THE STRUCTURAL AND FUNCTIONAL ATTRIBUTE OF UNIQUENESS.
Part 3

INSTEAD OF OPENED CONCLUSIONS

- as final conclusions: conserving the „Connection Energy”: applications of exogenous homeopathy for optimizing the human health
- as post-script: plea for an integrative energetic and informational medicine
- as closing that opens exogenous homeopathy: a path towards a synergetic therapy
As final conclusions:
CONSERVING THE „CONNECTION ENERGY“:
APPLICATIONS OF EXOGENOUS HOMEOPATHY
FOR OPTIMIZING THE HUMAN HEALTH

In contemporary society, more and more incidental factors, more energy-informational stress causes have impact with perturbing effects on the human being, which is subjected ever more to bio-psychic disturbances. This situation implicitly reflects also on the Earth "health". Therefore, Rollin McCraty 's research already mentioned in – regarding the relationship between the emotional states of the human being and the magnetic field generated by human heart in such situations have shown that this is amplified so much at a the level of a stressed human collectivity, that it may affect the earth's magnetic field, which can cause or contribute towards strong telluric phenomena such as earthquakes, tsunamis, etc..

1. A NEGLECTED RESOURCE

However, we have to recognize that the present confronts the human being with an increased range of supraliminal stress factors:
— subjective factors, targeting the emotional stress that the human suffers in relation to various issues / problems - more and more complex and difficult (natural or artificial) of his existence;
— objective factors, represented by the harmful effects produced by the environmental resources with which the man interacts, beginning from increasingly contaminated food with unhealthy alimentary additives up to the radiating fields of modern technology (electromagnetism, radioactivity, etc.), and the stressful factors of the bio-field generated at the level of the human groups.

The conclusion seems as much incredible as it is truth: human health implicitly affects the health of the living environment and - in extremis – the Earth’s "metabolism", and vice versa

Due to the changes of the psychological state / mood of the human beings— given the increasingly powerful disturbances of the bio-field - also felt in homeopathy, scientists have begun to explicitly recognize, that:
"Homeopathy has always worked through vibration, according to the principle: the higher the potency, the more subtle and powerful the information, the less matter - the deeper the effect on the organism. But even doctors and traditional healers who have worked with homeopathy have recently discovered that the traditional homeopathic approach and its standard values of potencies did not bring the same healing results as before. The answer to this phenomenon can be found in the fact that the human condition – let’s say the one of the liver or the thyroid that needs treatment – is already vibrating on a higher level than the homeopathic potency itself. So all that is necessary now is an adjustment of the homeopathic potency [http://pink-earth.com/healing_4dmedicine.html]

Such observations indicate that the changes of the living environment - through the changed nature of the related bio-electromagnetic fields - affect not only human health, but also the possibility of homeopathic recovery of health, in cases of mental disorders, especially. In general, most of these disorders are due to human failure to correctly adapt to bio-physical and mental stimuli with which they constantly face, which produces a huge loss of energy.

In order to prevent such a situation, we suggested - in various other contexts [Stânciulescu, Poenaru, 2008] – a strategy for getting out of any crisis, implicitly one of health, by promoting a preventive-prophylactic strategy that we called:

**CONSERVATION OF CONNECTION ENERGY.**

- Through “Connection Energy” (or "adaptation energy ") we understand that energy is spent by humans in order to adapt themselves to the existence and functioning of natural or artificial (technological) systems, processes, phenomena, and objects with which they have continual contact within their living environment.

  1. In general, human being spends more connection energy, biophysical or psychological, than is necessary to adapt to the environment (objects, phenomena, processes), for one reason or another, such as: lack of knowledge about the object, phenomenon, process (in example, through an inadequate know-how, poor quality of the product / environment not properly adapted to human needs, unfavorable conditions of use / adaptation of the product, unjustified motivation / stress while using a particular object, etc.) This situation of energy waste leads man to a health crisis, including illness (in the first phase, physical illness).
2. The knowledge and control of the energy-information relationship of the man with the processes, phenomena and objects of his living environment, by canceling or reducing the above mentioned issues, would allow the individual to preserve a significant amount of energy, which might be used in any another direction. We formulated several strategic principles, in various other public contexts, sustaining the possibility of overcoming such crisis situations of bio-psychological health by:

- Recovery of a well known principle, but only less applied, that prophylaxis should be a priority over therapy; in this regard the exogenous homeopathy develops such a prophylactic component, by promoting the Biophotonic Resonators for the stimulation of the immune system, and protection against the electromagnetic smog, etc.\(^59\(^60\),

— understanding that it is not enough to solve a specific problem that manifests itself here and now, but it is also necessary to formulate a broader strategy, a know-how capable of controlling the entire range of related issue. As the old Chinese proverb says, in order to feed a hungry man is not enough to give him a fish today, another tomorrow, etc, but instead you should teach him how to fish. In other words, it is not enough to therapeutically solve a headache today, and a fatigue state tomorrow, but instead you have to modify the environment in which we live - for example - so that this one no longer affects the ailing bio-physical state;
— the capture and processing of BPL (bio-psycho-logical) consumption achieved by man, in strategic resources during crisis situations, for health, the amplification of the immune system resources through the ExHo effects of the environment or through the training of muscle or nervous system, for

\(^{59}\) It should be noted in this context that, in general, all actual medicine is built on the competence to cure a disease, not to prevent it. Otherwise said, in reality we have medicine faculties or ministries of the disease and not health institutions, because it is not necessary for us to get sick, and to heal ourselves in order to become healthy, but simply we could not get sick, staying healthy ... A matter of choice, for a society that accepted the illness / disease as a huge source of income ... As if we could not transform the therapeutic homeopathic remedies, in prophylactic ones ... If it was really interested in this, the human society could achieve with relative ease this performance by changing the paradigm, the change in mentality.

\(^{60}\)
situations of supraliminal effort are established in such prophylactic measures.

— reconsideration of our solutions regarding the use of the conventional energies, which ignore the often harmful effects caused by these energies to the human health, starting from smoke that affects the eyes and the perturbing smell which troubles the breathing, up to the electric or electromagnetic field that affects the bio-psychic equilibrium - by finding nonpolluting ecological alternatives; in this sense, the conjunction between Biophotonics and Synergetic will create ExHo effects, such as the biological / biophotonic sources of caloric energy, power generators based on the cavitation effect, coupled with the "biophotonics resonators", etc.;

— surpassing the consequences of "Valencia Phenomenon " called in this way after some meanings acquired at the exhibition "HABITAT Valencia 2008 ", on which occasion, I found that no manufacturer actually had ever thought of the effect of a wonderful crystal chandelier over the human eye and over the psychical state / mood of the beneficiary, the manner in which a cushion or a seat can influence / affect through pressure or heat the bio-physiological status of users', etc., I realized that in the sense of an optimal preservation of connection energy, any thing or complex of things with which human beings are to be exposed directly by using it or indirectly simply through its existence, is in the sphere of his energy-informational influence.

• Through generalization we say that the design of the optimal mental strategy for an ecological-pure existence in the living environment requires the reconsideration of the energy consumption effects that were put in evidence by the above strategies, by replacing them with effective ways to think about our presence in the world.

In conclusion, we say that the connection energy conservation represents a vital source to resolve the human resources crisis, from the bio-psychological ones, up to the cultural, economical ones, etc., as human energy is the only one that can profitably replace any other resource. The removal of stressful environmental aspects of our lives, by replacing them with material and mental systems capable to harmoniously resonate with the human body – represent a therapeutic strategy that we have to put it more complex in function. However, in this respect, the principles of the Exogenous Homeopathy in the
reconfiguration our living environment represents a direction that the man of the current period should be aware of, as he implicitly did once.

To such a general conclusion, the exogenous homeopathy can make a vital contribution, by generating – based on the principles set out above on the achievement of the biophotonic resonators – an ecological and balanced living environment through the nature of environmental stimuli. In carrying out this intention I had as a suggestive model the way of living of the traditional Romanian village, characterized by the fact that through an intuitive knowledge of human harmony with nature, the simple man of the past times has known them and used them harmonically:

— the natural / biological / organic materials such as wood, earth, stone in order to build the house and sculpt tools; vegetal fabrics to make clothing, homeopathic ornaments to decorate the house, etc.
— the most harmonious colors as possible with natural dyes;
— the sacred geometry archetypal designs for everything that could be decoratively embellished;
— volumes built after the golden ratio;
— auxiliary ambience having a homeopathycal function (ingredients, vegetable protein), etc..

*   *
   *

The fact that another series of these practices set up bridges between the modern day human and the past tradition, makes easier the task to insert the ExHo principles in the modern mind / mentality, already prepared to rationally understand the principles of an objective connection, namely:

- **Ecological-sanogen (health-generating) traditions of Romanian folk creation**: from the commercial utilities (painted pots and carved spoons), up to the Easter eggs, dyed naturally and ritually decorated with cosmogonic design:
All these traditions were kept and stored in the bud until today, being often coupled in a synergistic manner that unites materials and volumes, colors and shapes / forms, movement and sounds, etc., in synergistic rituals such as those of the New Year.
• **The human group acts as a complex "BioPhotonic resonator"**. The traditions preserved as "performance on stage" of the winter holidays - still marked by traditional costumes manufactured from natural, vegetable and protein materials, decorated with cosmogonic archetypes, the chant / "the wishing" in the holy days, the twisting ritual dance in "therapeutic circle", and "homeopathic auxiliaries":

![Image of people in traditional costumes](http://www.romania-insider.com)

The "New Year wishing bouquet" made of natural flowers and tree branches [http://www.romania-insider.com]) having stimulating function – provided once a harmonic and pure resonance space to human communities. And they still can do it today, both in public and private spaces...

All these environment aspects followed the principles of "holographic resonance, the cosmic law of surviving (belagines) and the synergistic principles of the exogenous homeopathy to set up an ecologic and sanogen living environment, balanced from the bio-psychical point of view.

If we look back we understand that all these creative practices and sacred rituals that accompanied them had a double function:
— *a cognitive function*, which is to preserve the memory of the world creation, the whole living environment as a special "training book" of the natural cosmic harmony laws
— *a therapeutic function*, stimulating the generation of energies and information being in harmonic resonance with the body and human "soul ".

Through these two categories of effects, manifested both in material and the spiritual plan, the traditional habitat was a protective universe, without major stress, able to optimally preserve the adaptation energy of humans. By radiating energies and information being in harmonic resonance with the human body and psyche, the traditional habitat was able to optimally preserve the energy of human adaptation.

By following the general rules of exogenous homeopathy, retrieving the valuable suggestions of the tradition, keeping some achievements of the current technology was possible and necessary to reconstruct a similar / analogous / pure living environment from which the stress and the harmful physical factors to be removed.

A HOMEOPATHY OF LOVE, namely...

### 2. TOWARDS A BIOPHOTONIC „ECO-SANE” HABITAT: EXOGENOUS HOMEOPATHY, A HOLISTIC BIO-PSYCHIC THERAPY

The conclusion previously formulated is of extreme importance because it involves the effective use of a combination of therapeutic solutions, in which exogenous homeopathy is implicitly involved. The applied research conducted at the National Institute of Inventions from Iasi, have eloquently demonstrated, in the last decade, how the biophotonic products can generate optimizing homeopathic effects. We realized that – in accordance with the principle of the holistic distal therapy [Stănciulescu, 2010] – everything that comes in the air and somehow changes the state of the receiving system – actually generates informational effects of homeopathic type.

Through generalization, one can say that under the holographic resonance mechanism already described above, all systems / objects in the environment - beginning with the house architecture and the furniture structure up to clothing and related accessories (here are included also the biophotonics resonators) - permanently transmit to the human body infinitesimal stimuli that the body receives and processes, with more or less sensitive optimizing effects.
To do this, for information only - to support all the theoretical premises developed so far – we suggest a range of possibilities of the top technology able to optimize the mental and physical health of human beings. Only to have an intuition over the holistic sanogen effects, that the exogenous homeopathy strategies can generate, it is enough to briefly introduce further - in the category of these products - some of the practical applications, already working and presented at the recent Show Room. Each of these applications represent:

— the result of a patent, being already manufactured as model or as working prototype;
— a suggestive experiment to highlight the effect of exogenous homeopathy to human receptor, using measurements made with different bio-resonance equipment.

Explicitly, with a reference contribution to the conservation of the connection energy, to the generation of an ecological and sanogen environment and thus regulating various dysfunctions - of psycho-mental type, implicitly – we will take into account the following contributions:

ECOLOGICAL AND SANOGENIC (HEALTH-GENERATING) ARCHITECTURE (OSIM CB / 2008: Traian D. Stânciulescu, Arita Poenaru) with stimulative bio-synergistic effects on the human body, starting from construction materials, biophotonically treated (mortars with structured water, for example), to the biophotonic plasters and the stimulating colors appropriate to the beneficiaries’ psychical status, up to "wave forms" of the architectural volumes. Here, the types of decoration, the biophotonic resonators for the interior protection against the Hartmann radiation or for the protection against the harmful EM waves etc. should be added.

*     *
     *

All these things were implicitly known to the old builders / constructors, who used the cosmogonic symbolism – part of religious rituals and objects, up to the object of architecture (church and house) and the overall structure / layout of the village.
Among all types of environmental structures, the architecture is the more complex one and can include all types of stimulating effects of exogenous homeopathy.

(1) The Spiritual Center: a) the Road of Light, an initiatic layout describing the cosmogenesis’ archetypes (starting from the genesis of the original waters to informational creation of the cosmic world), as a process of „cosmic homeopathy”; b) the Temple of Archetypal Initiation, a very complex Biophotonic Resonator, based on the use of different types of „living light” for opening the human mind; (2) The Complementary Therapy Center is conceived as a synergetic structural-functional architecture, using the simple but powerful volumes, such as: a) sphere and horizontal lines, in the administrative and research building; b) the rectangular volumes, in the hospital for complementary therapies investigations and treatments building.

The complex – entirely conceived under the Principles of BIOPHOTONIC ARCHITECTURE and located in an area of high telluric energy (due to the gold of high purity in the ground) and cosmic force (the place belongs to the sacred zone of ancient Dacia) - values the synergy of the space and of the symbolism / cosmogonic mandalas, energetic protectors (“flower of life” for example), the “sacred geometry” and color-therapy, etc., for building a center for spiritual harmonization and one for complementary therapies (with a biophotonic and synergistic research department and homeopathy), a resting center with psycho-therapeutic sightseeing etc. An exceptional synergy of body therapy with that one of the soul and the spirit61, a "biophotonic resonator " whose purpose - as ancestors knew - is to contribute to the healing of the soul (mental disturbances) so that the body to be able to follow.

* 

According to these aspects, connecting synergetically the structural and the functional parameters of a certain building, it is necessary to mention that our „architecture of light” team is already prepared to project and practically realize any type of biophotonic building, starting from the objective BPL features of the beneficiaries that could be simply optimized.

For the first time we can talk about the synthesis between things and architectural constructive practices known for ages and their exploitation, knowingly, from the perspective of the top technology of biophotonics and the principles of Exogenous Homeopathy.

61 The best known historical complex which was thought since ancient times as one meant to respond to a function similar to the therapeutic one – to harmonize body, soul and spirit – was that one from Epidaurus (Greece). But the recent researches of the historical area, where Sâcărâmb I also a part of it, reveal that the former capital of the kingdom, Sarmisegetusa (Romania), sheltered sacred functions somewhat/ somehow similar.
To the potential beneficiaries, who are already expected, not only symbolically⁶², we reveal in the following a series of other technological construction performances – such as the autonomy of electricity and heat supply from unconventional sources, which in turn have exogenous therapeutic effects – in which the ExHo and BioPhotonic are implicitly correlated.

■ STRUCTURES–ENERGY GENERATORS, for the autonomous supply of the architectural complex, namely:

● **Power Generation System from the terrestrial electromagnetic field** [Stănciulescu, Bursuc, Poenaru, 2010], characterized in that:

  — It generates an electrical current, through Faraday cage effect, caused by the electromagnetic waves network, which penetrated the inside of the pyramid;
  — The pyramidal system is in the same time a powerful generator of stimulating "form waves", being equipped with devices with biological active substance, able to absorb / neutralize the harmful technological radiation, the pyramid is designed as a huge BioPhotonic Resonator having exogenous / homeopathic effects spread on a wide area of influence (proportional to the size of the pyramid).

● **The functional model of the pyramid, generator of electrical power** (presented by its authors: Traian D. Stănciulescu, Constantin P. Bursuc, Arita D. Poenaru): a) the energetic effect of the pyramid highlighted by the LED operation / consumer at the top of the pyramid, with a voltage of 2,2 V; in the superior zone of the pyramid are fitted the Biophotonic Resonators for homeopathic protection (through demodulation and absorption) against the telluric and electromagnetic radiation RTF, b) the informational effect of the pyramid, likely to be magnified on a large impact grill: electrographic print of the "form waves" generated by a pyramidal model, made of cardboard (acc. to Guja, 2008).

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⁶² For any practical reference, SC BioPhotonic Synergy Design SRL is constituted as an institution for the potential development of all collaboration categories (acc. to, www.biophotonic_synergy_desing.com)
“Let the light be...”: a synergy of authors's creative minds (International Exhibit for Inventions, Iasi, 2010)

The homeopathic effects of the pyramid, stimulative on the one hand, inhibitive on the other hand, will be felt first in the neuro-psychiatric states, knowing the powerful effect of EM radiation from the phone or within an antenna field, for example. On the other hand, the informational stimulative effects of the pyramid have been known for a long time (being patented by Drbal, since 1959).

**HEAT GENERATING SOURCE WITH LOW POWER CONSUMPTION**

[Stănciulescu, Gasca, Poenaru, 2006 / No. 2010], characterized by:

— generation of a high temperature with low power consumption due to high thermo-electric yield of the organic nano-powders which comprise the active substance placed on a sheet of fiberglass, and due to the possible absorption of infrared energy from the environment (due to the organic qualities of the system);
— the organic gel which is comprised in the active substance has some exceptional homeopathic properties, transforming the thermal plate assembly in a different type of BR, infrared emitter, with healthy source of heat;
— the beneficial effects of the "living heat" become a biophotonic amplifier which favors the development of the "biological
laser" \(^{63}\), processes and installation of other homeopathic endogenous or exogenous effects, with priority at the neuropsychological level.

The bio-resonating structure of the thermal plate, additionally treated with silicon crystals, can reach temperatures of 80 degrees with a minimum consumption of electricity. Essentially are the therapeutic effects – exo-homeopathic ones – that are generated by this biophotonic amplification strategy.

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**The biophotonic thermic source**, with biological substance active generating a “homeopathic heat”

As I already mentioned, many measurements performed with the METATRON equipment (by engineer Mihai Costache) revealed that particular psycho-fatigue states of the tested subject's brain (dark squares represent dysfunctional neurological areas) spectacularly optimized itself by simply heating the palms for a few minutes over the thermal plate, which generated “living heat” The use of the bio-thermal plates to create a properly heated climate:

— in addition to the sanogen properties of the physical type, do not dry the nasal and respiratory mucous, is not aggressive, and the plates are heated gradually
— has as physical effect the achieving of a living environment able to contribute to a strong conservation of the connection energy.

**INDIVIDUALIZED BIOPHOTONIC CLOTHING ARTICLES** [OSIM

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\(^{63}\) According to TLB, the mechanism of stimulated absorption-emission of light at the level of the molecular semiconductor complex, both imply the presence of photons from the visible spectrum, and those of the IR spectrum. Their quality as biophotons, their generation from a biological support, as it is that one of the thermal plate is followed implicitly with effects of stimulation of the bioluminescence and implicitly of the metabolism of the light in the human body. Exogenous Homeopathy again ...
Patent no. 122825 / 2010, Authors: Traian D. Stănciulescu, Aritia Poenaru) with sanogenic homeopathic effects is generated by the same synergy of those five stimuli categories already mentioned: the material, the color and the form of the decorative design, tailoring and accessories used.

Considering that the synergy of these biophotonic parameters and their combination is a highly complex polychrest remedy, we appreciate that - after the living place / house, or perhaps even before it, being in a closer relationship with the body and its fields – the clothing represents the most powerful exo-homeopathic remedy. Its effects are both informational at field level, and energetical, by piezoelectric pressure effect.

For example, the two dresses exhibited at the Show Room of Inventions Iasi in 2010 – awarded with the gold medal - were designed to generate sanogen effects of exogenous homeopathy, particularly with neuro-psychiatric optimizing effects, generated by the biological active materials used, by the strategies and accessories respectively.

Two of the healthy dress-pieces belonging to the RAINBOW collection of Aritia Poenaru [2008]

- The Red Dress. The combination is constituted by a dress and
a voal scarf, red taffeta busteer and the bodice is from red cotton, industrially painted, with an exceptional compatibility / resonance in the case of an organism having a low blood pressure.

The green taffeta ponders the dominance of red. Polarized light has been applied over a levogyre pattern spiral with a calming effect for about an hour. Homeopathically, the complex stimulates the hemoglobin increase and the blood circulation, influencing vitality and sexual tonicity, and finally stimulates the cerebral activity.

- **The Flowered Black Suit.** It has some remarkable effects, invigorating over all organs, by recording the highest values of all up-to-date measurements. It keeps the energy. The blouse and the trouser are made of 100% wool treated with cyclodextrin and stimulated with rose essence. The black suite preserves the energy of the neural system, balances the thyroid, super-renal glands, the intestine, activates the visual focus, reproductive glands activity, the kidneys, the immunity system, the lower back area and overall, the whole organism is protected from energetic loss. The biophotonic treatments that were applied: polarized light with a double harmonizing spiral for an hour, sacred music. The red knot on the chest has a biophotonic cerebral protection: to absorb the ocular retroversion / biophotonic superradiance generated by the “evil-eye” persons.

Each of the two dresses is equipped with a Biophotonic Resonator "pendant" type which is worn around the neck and also generates strong stimulating effects at the level of the circulatory and endocrine system, in the case of hypotension, respectively, focalization and energy conservation, immune system stimulation in the case of the protection clothing.

The brevet description involves the connection of many therapeutic strategies – traditional or new technological ones – for generating therapeutic effects, by specific combinations according to the situation of the patient. We will enumerate only a few of these procedures, from all those recorded in the patent – including: strategies for protection against the technical electromagnetic radiation or biological, kymatics (Manners), luxonica (Stânciulescu), phytotherapy, crystal therapy, laser-therapy and therapy through polarized light (Zepter), auricular, palm and body acupressure, reflexology and acupuncture (Su Jok), chromatic therapy, floral scent and oils (Bach), sacred geometry therapy and therapy through forms (2D and 3D), therapy with fractals and yayantra (Jasmine), 4D Medicine (Weinreb), New Homeopathy (Körbler), quantum healing and others.
The general schema of the patent, presenting a synergetic number or therapeutic strategies – of exogenous homeopathy – connected to a certain clothing complex.

In a predominantly energetic / informational form all these therapies interfere, with the effect of releasing the latent energy and information traps of the body. All involve, in one form or another, exogenous homeopathy mechanisms initiated from outside the body, with the purpose to support the self healing process. In this way, the clothing synergistic therapy is an effective example of integration.

We mention that, from all therapeutic procedures involved, a big part of them - particularly those of the preponderantly informational type - will be addressed to the brain equilibrium / balance, through a strong harmonizing action of the psycho-emotional and mental states.

Mentioning all these categories of therapies, we practically prove that they are basically already known. But just now, by highlighting the individual biophotonic mechanisms which characterize them, the exploitation of their functional synergy became possible. In a holistic vision of complementary medicine, having as "hard core" the exogenous homeopathy, was possible the manufacturing and the patenting of the biophotonic resonator for the energy-informational stimulation of biological systems, which we have already presented most extensively so far.

THE BIOPHOTONIC NANOTECHNOLOGY,
PREMISE OF A WELL-BEING REVOLUTION

Apparently, all the applications mentioned above belong to the macro-technologic systems: the architecture and furnishings, clothing, the generating sources of power and the caloric sources etc. In reality, through the bio-physical properties that characterize them, all these systems manifest also at the micro-structural level too, being generators of nano-technological effects, as we have already shown the powders of the active substance specific to any BR act. Although, in one form or another, the BRs are coupled with the resonating macro-systems mentioned above, it means that implicitly the ExHo effects will be manifested in the interaction between the humans with the references of his living environment.

That's why, from a holistic perspective we can say that the Biophotonic Resonator designed for the energy-informational stimulation of the biological systems is the invention with the greatest application and impact for homeopathic use, being made up as an accessory which can added - as a decorative item – for each of the systems mentioned above: the object of architecture and furniture, clothes and decorative objects, appliances, energy sources, etc.. In other words, the BR is truly a "classical" representative of exogenous homeopathy, respecting all its principles, involving nanotechnology and the ultra-weak emission of biophotons of the biological active substance, color-therapy and therapy with mandalas, the volumetric shape / form and decorative accessories etc.

Therefore, the use of exogenous homeopathy through different types of BR is an old practice since ages but modern technology has allowed a more nuanced exploitation of them. Its development and use was conceived from the beginning as a practical application of exogenous homeopathy. Its practical uses are numerous, among which we mention now only those presented at the Show Room of Inventions from Iasi, November 2010, as potential applications.

Divers applications of the Biophotonic Resonators in various forms, such as:

a) stimulation of human health in situations of hypo-or hyper-
functional imbalance, or general stimulation of the immune system by simply wearing a decorative pendant or by its association with some clothing complex;
b) coupling BRs of different forms with a utility object such as a wallet made of natural materials such as leather, worn around the body for general or specific stimulation necessary to the human subject;
c) use of BR as a terrestrial radiation protection system, coupled with a leather agenda, located in the place to be protected.
d) use of a BR complex for immune system stimulation and protection against EM radiation generated by handheld device, PC,V
e) biophotonic stimulation / structuring of drinking water (with superior physical and chemical properties) by means of a BR complex combined with chromatic therapy and crystal therapy effects, and of other types of drinks and foods, dietary supplements or even drugs, etc.;
f) use of BRs as radiation dispersers, placing them on energetic structures such as the pyramid as power generator or biothermal sources, etc..

As a conclusion of previous scientific research, it should be recalled that all resonators have a common denominator: they contribute to the raising of the frequency of the human bio-psycho-field (aura), man himself being a very complex biophotonic resonator. As already noted, this superior state of the human system is potentially installed in the bio-field from the first minutes of using the BR. But the objective achievement of this performance, of real operation of the human complex on higher frequency levels, requires an action constantly maintained by the man – at the body, soul and spirit level, in the synergy of some vital actions:

- **bio-physical**, correct "feeding" of the body with compatible energies, beginning from proper nutrition - especially natural - and up to the (bio) physical materials of one's environment;
- **psycho - emotional**, by removing stress- in all its forms - which gradually erodes health of the soul and, later, that of the body;
- **mental and spiritual**, by installing a superior mentality, based on an understanding of the fact that human beings are always interconnected at higher vibration levels and that through deliberate connection to these levels, they contribute substantially to the completion of the whole, to which they belong. Achieving such an increase in frequency generates, at the
human being level, a triple effect – at different levels of manifestation – namely:

— optimizing the VITAL FORCE, by EI stimulation of the individual system: body, soul, spirit;
— contributing to the conservation of the "CONNECTION ENERGY" – at the group level - by generating a harmonious living environment, both from the energetic and information point of view;
— ensuring the generation at the level of MOTHER PLANET of a coherent vibration state, high in frequency, which – by harmonizing the homeostasis between man and the planet - will allow humanity to exist beyond a predicted catastrophic "end of time."

The power to choose between the stress of fear that has generated so much damage to mental and physical health, and harmony of the love feeling, generating the equilibrium, depends only on us. On such a choice depends undoubtedly our vital chance:

**TO BE OR NOT TO BE AT ALL.**

*  
  *  *

In this last option, essential for the times we are living, one finds the need for a general harmonization at the collective field level. This is basically the plan of a global therapy, to whose fulfillment can contribute "transpersonal homeopathy" – already mentioned by Harry van der Zee 2004]. The "Biophotonic Resonators" in all forms mentioned in this study, represent an extremely valuable support for this state of "collective" vibration.

We can say that – through the subtle mechanisms that are involved and the complex effects they generate – all the BIOPHOTONIC PRODUCTS (of BR type) are constituted as a symbolic "hard core" of the SYNERGETIC HOMEOPATHY, of an "integral homeopathy" whose KNOW-HOW will be able to couple the information-field with energy-substance, to harmonize the interior of the human being with its exterior.
An integrated medicine, in other words – which Ann M. Simard is sustaining in the pages of the present book – is one in which the allopathic issues, of energy and substantial type, will be knowingly correlated with those information - radiating type, specific to the complementary therapies. As objective evidence that this is already happening, is the increasing acceptance of specialists and of the public for the ecologic-sanogen products from the ExHo category. The image of the synergy of effects implied by the BIOPHOTONIC CONCEPT brand – as it is already beginning to be promoted in the world - is an eloquent proof of this.

*International Exhibitions of Inventics* (Iași, 2010, Romania): The devices of BIOPHOTONIC CONCEPT based on Exo-Homeopathy: Prof. Dr. Traian D. Stănciulescu, the team coordinator, together with Architect-Designer Dr. Aritia Poenaru (patents’ co-author), using a Biopulsar Reflexograph for measuring the BR1 effects upon the BPL properties of the therapist Ioan Davidoni (Timisoara). In fact, every product presented at the exhibition was somehow connected with a specific type of BR, starting from the general one effectively connected to the present persons, to the virtual ones connected to the clothing complex presented on the two models; from the bottle with structured water to the protective BR connected to different leather objects, the unconventional pyramid for generating electricity and the bio-heating source.
We could conclude that, the presentation of the ExHo products in international resonance places, and their accreditation with excellence awards and reference medals represent an explicit proof of their public recognition.

Some symbolic recognitions of the brand **BIOPHOTONIC CONCEPT**: medals obtained in 2010 in exhibitions and fairs in Romania, Russia, Ukraine, Serbia.

The fact that these symbolic assessments have been conferred for a number of inventions coming from the unconventional horizon of biophotonics and coupled with the exogenous homeopathy, reveals that in the world-wide, professionals are beginning to give more and more credit to the alternative solutions to sustain the HUMAN WELL-BEING REVOLUTION.

**A revolution of the harmonious health by the power of the “LIVING LIGHT”...**

*Iasi, May 10, 2011*

*By ARITIA D. POENARU*
As a post-script:
PLEA FOR AN INTEGRATIVE
ENERGETIC AND INFORMATIONAL MEDICINE

The time for an essential unification in the field of medicine is approaching, suggesting the necessity to therapeutically assume the duality of substance-energy and field-information, everywhere present in this world. For finally generating, in this way, the much expected synthesis of the ENERGY-INFORMATION MEDICINE (EIM)\textsuperscript{64}.

1. PRELIMINARY CONSIDERATIONS

A terminological distinction must be formulated from the very beginning. Typically, experts in the field refer distinctly to Energy Medicine or Informational Medicine. In fact, energy is implicitly supposing the presence of information, because the corpuscle / substance – where the energy is predominantly stoked – is implicitly supposing the presence of the field, where the information is essentially conserved. Consequently, it is a semiotical understanding to say that there is no signifier (substance-energy) without signified (information-field), no body / corpuscle can manifest without having an associated field\textsuperscript{65}.

So, asserting the presence of one component we implicitly are supposing the presence of the complementary other. Or, in other terms: saying Energy Medicine implicitly we are presuming Informational Medicine, and vice-versa... The classification is generated by the predominant perspective in which the therapeutic mechanism is initiated: energetic or informational, substantial or vibrational. Once stimulated by one or another of the specific medical procedures – by “magic” or technological procedure, by allopathic or alternative / complementary therapies – the correspondent effects will implicitly appear. This understanding of curing mechanisms makes possible the

\textsuperscript{64} The substance of this essay is based upon questions addressed to Ann Simard by the AKAMAI UNIVERSITY committee of examination, namely by: Dr. James L. Oschman and Dr. Traian D. Stanciulescu, for Master of Science in Energy Medicine. In response to these questions, Ann Simard proposed a synthetic review of an integrative Energy & Information Medicine, which perfectly serves the purposes of the present book. That’s why I asked and received the permission to use it as a very suggestive post-scriptum for the synergetic path which Exogeneous Homeopathy just opened.

connection of all the therapeutic strategies used by the human being during the history of his becoming.

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Energy-Informational Medicine (EIM) – the name which I will use throughout this paper 66, having in mind the above mentioned considerations – is thought to be a relatively new phenomenon but, in truth it is as old as time. It has offered healing to the human body since the “magic medicine”, when people were convinced that healing of the “soul” would implicitly determine the healing of the “body”. Recent advancements in the understanding of Energy-Informational Medicine as a science are providing credibility to field previously thought of as charlatanism.

The present paper does not intend to pursue extensive or detailed answers to the proposed questions, as each of them could be indefinitely extended and the essay should become a very complex treatise of EIM. Consequently, my choice is to suggest the presence and the relevance of a certain problem in the context of the EIM model, review the existing literature as it pertains to the subject matter, and develop an understanding of how it fits into the EIM model. The coherent and detailed approach is remaining an opened task for a future time.

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Accordingly, this essay offers a synthetic review of Energy-Informational Medicine (EIM) in five parts, beginning with the scientific postulates which provide the foundation of E-I Medicine. The human being as a complex and integrated energy-informational system will be described. Energy-Informational medicine practices and their scientific explanation will be presented. A model for an integrative holistic medicine will be prepared, and, the interdependence of personal and planetary health will be discussed. To ensure compliance with the exam requirements, six of the eight proposed questions will be reviewed to confirm adequate representation in the body of the essay, and that the connection between the associated aspects of the question has been explored.

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66 Despite the fact that the “master of science” degree I am aspirating to obtain is explicitly connected to “Energy Medicine”, I am considering that this is implicitly supposing the informational component too.
2. SCIENTIFIC POSTULATES OF ENERGETIC-INFORMATIONAL ROOTS OF MEDICINE

2.1 The essential postulates of Energy-Information Medicine are based upon an understanding of the inter-convertibility of energy and matter as predicted by Einstein’s relativity equation $E=mc^2$. The inter-convertibility and interconnectedness of matter and energy has led to an understanding that “particles are not things as much as they are events,”67 such that the manifestation of a substantial form is a snapshot in time, an occurrence.

The complete expression of Einstein’s equation $E = mc^2/\sqrt{(1-v^2)/c^2}$, known as the Einstein-Lorentz equation, predicts that the energy of a particle approaches infinity as the speed at which it is traveling approaches the speed of light. An exponential relationship between matter and energy exists at velocities approaching the speed of light, suggesting the impossibility of speeds greater than the speed of light. William Tiller clarifies that this equation predicts the world of positive space-time at speeds approaching the speed of light. He extrapolates further to suggest that when speed is greater than the speed of light that the equation predicts the world of negative space-time, “where energy is magneto-electric, negatively entropic, and substance is of a subtle magnetic character.”68 This is the realm of Energy-Information Medicine.

J.S. Bell published a mathematical proof in 1964 that supported the idea of supra-luminal connectedness. Transcending space and time, traveling faster than the speed of light and beyond wave/particle duality, subatomic particles are connected in such a way that something that affects one particle has an immediate effect on other particles, regardless of distance, and without the need for time to be transmitted.69

The concept of morphogenetic field theory was introduced by Rupert Sheldrake who suggested that all systems (morphic units) are organized by invisible fields which determine structure and pattern of activity. According to Sheldrake, the morphic field (or morphogenetic

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field) underlies the formation and behaviour of the morphic unit, existing as an invisible field in the negative space/time continuum.\textsuperscript{70}

The existence of field in the human body is also predicted by the scientific principles of electromagnetism. Electrical activity is produced in the body by the beating of the heart and the firing of neurons and has been studied and recorded as the electrocardiogram (ECG) and the electroencephalogram (EEG). Knowing that electric currents produce magnetic fields, we then know that the human body produces and exists within an electromagnetic field. Electrical conduction is affected by insulators such as bone, tissue, and skin, weakening the electric signal when transmitted over distance or through substance. However, a magnetic field is not weakened in this way, and thereby provides a better measure. Magnetometers such as the SQUID (superconducting quantum interference device) are used to measure biomagnetic fields produced by the human body.\textsuperscript{71}

\textbf{2.2. The relevance of the informational dimensions of energy-information healing} (EIM) requires an understanding of the human body as a \textbf{living matrix}. While the reductionist scientific approach has in the past separated the body into its many parts, EIM views the body as a whole which is greater than the sum of its parts, all of which are interconnected through a “connective tissue/cytoskeleton, tissue-tensegrity matrix’ referred to as a living matrix.\textsuperscript{72} The living matrix is made up of semiconductors in the body such as electrons, protons and other entities which are not associated with a specific protein or molecule, but instead belong to the organism as a whole. This living matrix acts as an information network allowing constant communication within the hierarchical structures of the body from nuclear matrix to cellular matrix to connective tissue matrix, etc.\textsuperscript{73}

This hierarchical system in the body begins at the informational level of DNA, and is illustrative of the holographic principle that every piece contains the whole. Every cell contains a copy of the DNA blueprint necessary to create an entire duplicate body. The holographic principle is used to explain neurophysiologic activities such as vision, brain

\textsuperscript{70} Ibid. p. 27
\textsuperscript{72} Ibid p. 48

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function, memory, and information storage and transfer. Presuming the human body functions holographically, and knowing the hologram is created by interference patterns of coherent light, it may then be implied that light exists within the human body. This idea is entrenched in spiritual teachings of all major religions and is corroborated by mystics, healers, and seers of energy who describe the light of chakras, auras and energy systems within the human body.

While this concept of the human as a ‘being of light’ has been explored metaphorically, it has only recently been embraced scientifically. The investigation of biological light as a science began with the work of Dr. Fritz-Albert Popp in the study of biophotonics, who observed by laboratory research that every biological / living system is generating an “ultra weak luminescence” and that this emission of biophotons has laser type properties. Trying to explain these strange phenomena, Dr. Stânciulescu & Manu have continued the investigation and developed the “biological lasers” theory. The “biological lasers” theory (BLT) proposes that the conversion of light from physical (photonic) to biological (biophotonic) occurs through two systems: a molecule semiconductor type system, and a system of organic structures with liquid crystal properties. It is hypothesized that the semi-conductor molecular system at the cellular membrane generates bioluminescence phenomenon by means of the molecular complex of phosphate-linked water-molecular oxygen. The phosphorus atom within this complex contains a meta-stable electron which upon photo absorption garner sufficient energy to jump to an energetically superior orbit where it can interact with other molecules. The system of organic structures with liquid crystal properties (for example, cholesterol, phospholipids, etc.) determines physical properties of the bioluminescence.

Together, these two structures, the molecular semiconductor biological laser and the organic structures with liquid crystal properties, exist at all levels of the human body from nuclear, cellular, molecular, membranous, organ and whole organism. These systems are analogous to technical lasers having optic resonators, active substance, optical pumping source of light, cooling system, electromagnetic director field, etc., and generate a bioluminescent emission, characterized by properties such as coherence, monochromaticity, directionality and

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74 Ibid. p. 289
76 Ibidem
intensity of the “biological laser” type emission.\textsuperscript{77} In this way, natural light of the visible spectrum (photonic) converted into biological radiation of the invisible spectrum (biophotonic) may generate biochemical, electrical, magnetic and photonic (BEMPh) effects in the living organism.\textsuperscript{78}

“Biological laser” theory (BLT) concurs with the living matrix hypothesis, suggesting that sub-atomic particles not associated with a particular molecule, but to the organism as a whole, effectively form an energy-information network that connects the organism on every level. The electromagnetic radiation pairs energy (substance) and information (magnetic field) to ensure that energy is available for the transfer of information. By hypothesizing a source of coherent light, “biological laser” theory provides the basis for understanding the body holographically, as well as scientifically justifying biological light phenomena such as the aura.\textsuperscript{79}

BLT hypothesizes a holographic resonant universe in which informational codes exist in holograms in the auric biofield and provide the energy-information organizing pattern of an individual consciousness. (Bio)photonic theory of energy and information suggests that light as an electromagnetic wave carries both energy in the electric component, and information in the magnetic component of the wave. As light passes through phases of manifestation from physical to biological, etc., it may be stored in or activate energy-information traps. These traps are hypothesized to occur in the DNA molecule when the space in the helical DNA spiral is smaller than the wavelength of the radiation. Release of information from the traps is a function of resonance/coherence. Holographic resonance occurs when two systems (receptor and receiver) with energy quantum as electric component and information quantum as magnetic component generate through resonance an electromagnetic field quantum having the speed of light, or super-luminous speeds in the case of information quantum. Once holographic resonance has been established, then the informational codes can be transferred hierarchically throughout the biological and auric layers.\textsuperscript{80}

\textsuperscript{77} Ibidem
\textsuperscript{78} Ibid. p. 41
\textsuperscript{79} Ibid p. 128
\textsuperscript{80} Traian D. Stanciulescu (2003). Signs of Light. Iasi, Romania: Cristal-Concept p. 206
3. THE HUMAN BEING AS A COMPLEX AND INTEGRATED ENERGY SYSTEM

Having established a scientific basis for Energy & Informational Medicine (EIM) and a hypothesis for the bioluminescent phenomenon of the human body and holographic information transfer, a further exploration of the human energy system can be assumed.

In the same manner that the human body has a physical anatomical structure, it also has an energy anatomy. Donna Eden describes an energy anatomy consisting of 8 energy systems: aura, chakras, meridians and nadis, basic grid, celtic weave, five rhythms, triple warmer, and strange flows.\(^81\) Those that are most commonly discussed in EIM are the meridians, the chakras and the aura.

The meridian system is a series of pathways or conduits that transport energy within the physical body. Each meridian is associated with an organ system and interfaces the physical and etheric bodies through access points on the skin. These access points are points of low electrical resistance and are used in Chinese Acupuncture to obtain information about and to treat a particular organ system.\(^82\)

The chakras act as transformers to ‘step down’ energy from the universal energy field and translate it into hormonal, neuronal and cellular activity in the physical body. Each chakra is associated with an endocrine gland or organ and area of the body, as well as a developmental or psychological function.\(^83\) According to biological laser theory, chakras (and their associated vital organs) are energy-information traps.\(^84\) For a complete review of the chakra system please see ‘Chakra Summary Chart.’ (Noted in appendix that this is sent separately as an Excel file.)

The aura surrounds the physical body as a human energy-information field. It interacts with its environment which may consist of the human fields of others, the energy-information fields of other living things, and the universal energy-information field. Biological laser theory refers to the aura as a ‘fundamental information deposit,” suggesting the information exists as holograms.\(^85\) There are at least 4 layers of the aura. The first layer immediately next to the physical body is the etheric

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82 Ibid. p. 203-206
83 Ibid. p. 171
85 Ibid p. 206
layer. It provides the holographic template for the spatial organization of the organism in the development of the fetus and in the event of need for cellular repair due to disease or injury. The second layer, the astral or emotional body, is associated with feelings. The mental body composes the third auric layer and is associated with thoughts and mental processes. The fourth layer is the causal body which is the seat of the Higher Self, the expression of consciousness of all that the soul has learned and experienced in its many reincarnations. Characteristic of the aura structure is the containment and enmeshing of layers within subsequent layers, such that the etheric layer encompasses and contains the physical, the emotional layer encompasses and contains the etheric and physical, etc.

The aura as a confluence of the physical, emotional, mental, and spiritual aspects of being provides the basis for the understanding of the body, mind, spirit continuum. Much has been written to describe this continuum. Bonnie Bainbridge Cohen writes, “Mind is like the wind and body like the sand. If you want to know how the wind is blowing, you can look at the sand.” Thomas Hanna in Bodies in Revolt describes the integration of psyche and soma which “sees the human spirit as transparently embodied and the human body as transparently inspired.” Richard Gerber explains the connection with a state of well-being such that, “For human beings to experience health, they must enjoy an integrated relationship between body, mind and spirit.” John Nelson suggests that the reintegration of body, mind and spirit, “the wedding of head and heart that leads to a higher ethical sense” occurs in a process of spiritual regeneration whereby the body is reclaimed as a vehicle for spirit, thinking allows itself to be guided by feeling, and feeling becomes more reasonable.

A model of human becoming can be constructed by correlating chakra consciousness with evolution of the human brain (hardware), operating system installed (software), level of interaction with the

87 Ibid. p. 167
89 Ibid p. 11
universal energy-information field (UF), psychological function, and level of relationship.

- First chakra consciousness: Reptilian brain – spinal cord and brain stem mediate autonomic body functions. This is the consciousness of neonates, unaware of self; body functions occur automatically in the preservation of life. Completely open to UF but with no awareness of this, UF influences are unfiltered and uncontrolled, such that the mind is operating on instinct. The level of relationship is tribal, with primary psychological function of survival in the physical world.

- Second chakra consciousness: Mammalian brain - limbic system where emotions and drives are processed. This is the consciousness of the toddler who is gradually establishing filters and gaining control over UF. Development of one-on-one relationships, with emotion as the primary operating mode, is characteristic of second chakra consciousness.

- Third chakra consciousness: Neocortex – abstract thought, foresight, hindsight, insight, which begins to develop in the adolescent. Intellect is the primary operating mode. Filters are fully developed and functioning, ensuring that the ego-consciousness of third chakra perceives that it is autonomous, completely separated from UF. Relationship with oneself in the development of self-esteem and self-confidence is the primary task. Relationships with others may be competitive and manipulative, giving a sense of power and control to fortify the third-chakra ego.

Third chakra consciousness is the primary operating system of most human beings at this time. In order to transcend third chakra, there must be a dis-satisfaction or feeling of emptiness despite the material acquisitions and power gained by the ego. There is a realization that what is missing cannot be gained through exclusive identification with third chakra ego consciousness. A battle begins between the ego and the soul’s journey to reopen to the universal energy-information field (UF). This may manifest in one’s life as addictions inherent in regression to second chakra consciousness, or as spiritual emergency
as one is momentarily overwhelmed in the mystical experience of merging self with UF\textsuperscript{92}.

- Fourth chakra consciousness: Frontal lobes. Reopening to UF, the operating system of fourth chakra consciousness is unconditional love. Loving relationships exist with oneself, significant others, and all of creation. Fourth chakra consciousness sees ‘holistically’, reintegrating dichotomies such as mind and body, self and other, giving and taking, “I” and “not I”. Personal ambitions are no longer an attempt to avoid poverty or powerlessness, but are now a call toward a higher purpose for the benefit of all.

- In fifth chakra consciousness, the primary relationship is with one’s personal truths. The task is self-actualization, and the method through which this is achieved is self-expression. In fifth chakra consciousness one begins to recognize that he has a mind but is not the mind, and gains the power to witness thoughts and feelings objectively from beyond the mind. The task of fifth chakra is toward becoming a person of wisdom based on experience, interpreting life events not in terms of personal feelings but as part of a global order. The thinking in fifth chakra is ‘synergy’, in which the whole exceeds the sum of its parts. In fifth chakra consciousness one endeavours to fulfill and express their highest potential “in recognition of the drive to advance the evolution of the human spirit in both its individual and collective aspects.”\textsuperscript{93}

- In sixth chakra consciousness the primary relationship is of wisdom and vision. The task is self-realization, the ability to regard one’s own divine nature, owning and identifying all that was previously in the subconscious, including instinct, shadow, and archetypes. The opening of the third eye is the re-establishment of an intimate relationship with UF, accessing its information at will, thereby altering reality exclusively for higher purposes. This is the realm of shamans, yoga masters, and ‘magic’.\textsuperscript{94}

\textsuperscript{92} Ibid. p. 278
\textsuperscript{93} Ibid. p. 288
\textsuperscript{94} Ibid. p. 315
• Seventh chakra consciousness is the return to Eden, where there are no goals, only the here and now, pure being, pure consciousness and pure bliss. One in seventh chakra consciousness can, at will, enter a state of deep contemplation and then return to share his insight; transcending linear logic but fully capable of it when it is required. Seventh chakra consciousness is the experience of mystical unity.95

For optimal psychological and spiritual growth, consciousness at each chakra must evolve systematically; each lower chakra must be functioning and transcended through a process of identifying with the role of the chakra and being transformed by it. Step by step, the challenges of a particular chakra are met, freeing one from that mode of experience, to progress to the next chakra. The progression from one chakra to the next is analogous to a software upgrade in which the newer version incorporates and continues to allow the functioning of the previous versions, in a more advanced manner. In transcending to a higher level of chakra consciousness, each previous level continues to function, but is no longer the dominant operating system of the mind.

From this model of human becoming, the importance of the fourth chakra, the heart chakra, is apparent. The transcendence to fourth chakra consciousness represents the turning point at which the human energy-information field begins to re-open and acknowledge the presence of the universal energy-information field. It is at this point that one experiences universal, unconditional love, and union with all of creation. This experience is transformative.

The awareness that we all exist within the universal energy-information field brings with it an understanding of the role of love, forgiveness and gratitude. Forgiveness is necessary for one’s own health. To feel bitterness or resentment for a past wrong is to hold on to the energy pattern of that begrudged state, and to allow the emotional trauma to impede energy flow in the human energy field. To forgive returns one to a state of peace of mind, and restores the ability to love and trust.

Gratefulness is described as a state of being which unites opposites. When one is feeling grateful they may be simultaneously calm and energized, fulfilled and receptive, uplifted and humbled. In experiencing both extremes of a continuum, one is experiencing a divine state in the reintegration of dichotomies, characteristic of fourth chakra awareness.

95 Ibid. p. 348
The response to gratefulness is thankfulness, the giving back through conscious expression.96

Of the triad, love, forgiveness and gratefulness, love is the essential component. In referencing the work of the Childre (1994) and McCraty and colleagues (1993), Oschman reports that intentionally focusing on the area of the heart while feeling sincere love and appreciation generates coherence between the heart rate and the sympathetic and parasympathetic autonomic nervous systems which regulate heart rate. “A calm, peaceful, harmonious and highly intuitive feeling state” occurs when a state of internal coherence is reached, beneficially affecting the whole body.97 The importance of love is most notable in the transformative effect of the opening of the heart chakra. By experiencing a loving state, it may be hypothesized that one’s vibration matches that of the fourth chakra hologram in the auric layer, creating a coherent, resonant state allowing the information of fourth chakra to become available to the individual. The knowledge of universal love, oneness with all of creation described holographically as the model of essential unity98 replaces the previous understanding of the individual as an autonomous entity striving for ego satisfaction in a material world. Once one is aware of the presence of the universal energy-information field, a paradigm shift is inevitable, resulting in a new model of relationship and interaction with one’s self, others, the earth, and the universe.

In Power vs. Force, David Hawkins describes a map of consciousness on a numerical scale of 0 to 1000 in which love is given a value of 500. Precisely at the midpoint, this accords with the chakra model’s fourth chakra consciousness, the reopening to the universal energy-information field. Forgiveness and gratitude are used to describe this state.99 Love, forgiveness and gratitude, together are important in healing as positive thought patterns. Louise Hay in Heal Your Body, states that in health, symptoms of disease are manifestations of negative thought patterns. Mental thought patterns form our experiences and positive thought patterns form positive experiences.100

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The causative effect of thought upon experience is indicative of the *power of language*. Carolynn Myss speaks of this as a trait of the evolved human, Homo Noeticus. Nelson claims this to be characteristic of sixth chakra consciousness. Deepak Chopra describes the physical body as, “the objective experience of consciousness. We are not bodies that have learned to think. We are thoughts that have learned to create a physical body.” The power of language is also in the sound of the *word*, the resonance or vibration produced in uttering aloud a particular sound. In this way, the power of the word bypasses the brain, not requiring thought or mental projection, but affecting directly by resonance and coherence, energy-information transfer on the cellular level, via the continuum pathway of the living matrix.

That this effect is not limited only to the evolved human, as Myss suggests, is illustrated by the widespread phenomenon of placebo effect. **PLACEBO effect** is studied in controlled, double blind, randomized trials of pharmaceuticals. While the intent of including the placebo as a control is to determine the therapeutic response of the drug compared to placebo, studies have revealed a significant benefit of placebo itself. Placebo response provides benefit in 5 to 30% of patients, with greatest response in antidepressant trials. Illustrative of the body’s ability to heal itself, biologic laser theory suggests that the placebo response is due to the expectation of therapeutic benefit which sets up a psychic tension of expectancy opening energy-information traps, and releasing the information to generate physiologic effect.

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This same mechanism is apparent in mental imaging used by athletes and performers, and in the setting of intention in meditation and EIM (energy-information medicine) practices. Oschman suggests that mental imaging pre-conditions biochemical and neurological pathways, producing readiness potential in muscle tissue, activating energy reserves and patterns of information flow.

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104 Ibid. p. 245
4. ENERGY-INFORMATION MEDICINE (EIM) PRACTICES AND SCIENTIFIC RATIONALE

While the therapeutic benefit of placebo is an interesting phenomenon, studying an EIM practice in an allopathic medicine model is incongruent. In the EIM model, disease is considered a means of communication in which the body is trying to tell us something. If properly understood, it will be possible to address emotional, mental or spiritual blockages which are affecting energy flow and manifesting as illness at the physical level. By correcting the issue, one is brought more in line with their authentic self, experiences a greater level of awareness, the energy flow corrected, and the body is healed from a primary level of causation.\textsuperscript{106}

The understanding of the language of the physical body is the domain of \textit{somatic psychology}. Somatic psychology interfaces psychotherapy and somatic treatments, creating a dialogue between conscious and unconscious. By directing awareness to a particular area in the body in treatments such as touch, massage, sensory awareness, dance, etc., feelings, images, memories, and sensations previously forgotten or repressed can be integrated. Journaling after a somatic treatment allows the unconscious experience to be brought into consciousness.\textsuperscript{107}

The leaders of \textit{Energy Psychology} are Donna Eden, and Dr. David Feinstein. These pioneers have developed an energy medicine practice based on energy anatomy. Eden identifies 8 energy systems within the human, and uses these through a means of touch, tapping and tracing of meridians while the patient is keeping in mind a particular psychological issue.\textsuperscript{108} The process has been used with good results reported by Eden and Feinstein in the treatment of pain, illness, eating disorders, addictions, and other emotional disorders.\textsuperscript{109} The process, improving energy flow directly with the physical intervention, is also the reunification of psyche and soma.

As modalities using touch, Energy Psychology and other somatic psychology practices are utilizing the communication continuum of the living matrix. This pathway bypasses the brain, using primitive infrastructure traveling directly from the sensory receptor to the muscle. The effect of touch is to initiate the information pathway through the piezoelectric effect on the liquid crystal structure of the living matrix. When pressure is applied to a crystal structure, an electrical charge is generated. The stimulated electron, belonging to the whole system, provides a communication pathway throughout the tensegrity matrix.

The ability of sensory input to reintegrate a forgotten or repressed memory, image or event, may be an effect of soft tissue memory. There is accumulating evidence that memory is stored on the microtubules of all cells in the body. A microtubule is a polymer, and it is hypothesized that the information stored within the polymer structure of the microtubule can be ‘erased’ through a process of depolymerisation. By application of pressure, as is done is touch therapies and other somatic therapies, the microtubule is temporarily depolymerised into its individual monomeric units. This allows the release of toxins, or memories, from the microtubule, such that they can be cleared and no longer held within the structure of soft tissue memory.

Biological laser theory takes this a step further, suggesting that the stimulated electron of the piezoelectric effect is donated by the phosphate-linked water-molecular oxygen complex, and causes a photonic effect. The electrical charge creates a magnetic field which is the carrier of information. The photonic effect creates bioluminescence, and thereby the coherent light source of the hologram, accounting for the holographic nature of memory, such that it may be present in soft tissue at every hierarchical level of the living matrix.

EIM of fields refers to the interaction of the auric field of the patient with healer or healing device, or universal field. The auric field, having etheric, astral, mental and spiritual layers, exhibits magneto or magneto-electric effect. Magneto-electric effect occurs with modalities such as Therapeutic Touch and Reiki in which there is close proximity between


111 Ibid. p. 272, 273
patient and healer. Magnetic healing occurs mostly at the etheric and physical levels.  The scientific basis of magnetic healing lies in Faraday's Law of Induction. Moving a magnet (magnetic, auric field of the healer) near a coil of wire (semi-conductive nature of the living matrix) induces an electric current. The electric current stimulated electron activates the information continuum pathway, and biophotonic effects of energy-information transfer. Studies have shown that energy medicine practitioners project an electromagnetic signal from their hands similar to that produced by pulsed electromagnetic field (PEMF) devices used in clinical practice for bone and soft tissue healing. Even more interesting is that while PEMFs of devices and healers hands are both of low energy and extremely low frequency, the signal from healer’s hands sweeps or scans through a range of frequencies. Clinical research with PEMF devices is showing that each tissue responds to a particular frequency, validating the effect of EIM practices.

Some EIM modalities work directly on the meridian system of the body. Reflexology accesses information from the terminal points of the meridian system on the sole of the foot. Acupuncture interfaces with the meridian system in a more direct manner, physically interacting with the body, or living matrix. One hypothesis for acupuncture effect is that the process of inserting an acupuncture needle into the skin activates a response to injury, thereby setting into motion a cascade of events to repair the injury. This is similar to the expectancy effect discussed as placebo response, mental imaging, and setting of intention. A second hypothesis is particular to the nature of the meridian system as a pathway of low resistance and conductor of life energy (Ch'i). Acupuncture access points allow energy flow between the etheric and physical bodies. Of course acupuncture, acupressure and reflexology all involve applying a pressure to the living matrix, suggesting the hypothesis of the piezoelectric effect, biologic laser theory, etc.

Biologic laser theory suggests a hypothesis for the mapping of the body used in reflexology. Reflex maps have been projected for the palm of

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116 Ibid. p. 145
117 Ibid. p. 145
the hand, the sole of the foot, the iris, the nose, and the ear. The justification for this correlation is in the embryonic development of the organism. Cells belonging to the same embryonic foil are generated by the same type of monochromatic radiation, sharing a resonance/coherence. When a frequency/amplitude match stimulates and releases energy and information from a resonating cell, it is transferred along the meridian towards a decompensated area of the same resonance/coherence as embryogenetically defined. In the case of acupuncture and acupressure, the initial energy-information release may begin with pressure or perceived injury.\(^{118}\)

Vibrational therapies such as flower essence and homeopathy involve dissolving a biologically active substance in water, and then succussing it to transfer its electromagnetic imprint to the water. Water, as an electromagnetic conductor, absorbs the imprint from the active substance, and orients itself in such a way that it ‘holds the memory’ of the active substance. A series of dilutions or potentizations are performed such that the final preparations contain no molecule of the active substance, yet the signal or vibration of the active substance continues to be carried by the water.\(^{119}\) In this way, vibrational therapies are informational only. Suggesting that “illness represents a temporary loss of memory: synaptic memory of the biochemical connections, membranous memory of the liquid crystal structure, auric memory of the different biofields…to re-establish the state of health, the right functions of the memory must be recuperated.”\(^{120}\) One hypothesis for homeopathy is that the memory of the active substance is held in the helical structure formed by the hydrogen bonds of water molecules, and this structure acts like a coil. In the presence of a magnetic field, induction causes current flow through the helix, transmitting information to the biological system, to restore it to health.\(^{121}\) Biological laser theory hypothesizes that specific information is transferred from the dilution to the organism by way of the energy-information traps which are opened by photonic stimulation, or by coherence, moving to decompensated areas along the meridian system.\(^{122}\)

\(^{120}\) Traian D. Stanciulescu,, (2003). *Signs of Light*. Iasi, Romania: Cristal-Concept p.252  
\(^{122}\) Traian D. Stanciulescu (2003). *Signs of Light*. Iasi, Romania: Cristal-Concept p.252
Transpersonal psychology is also informational, working in the realm of fields. Transpersonal psychology is the third in the Triadic Principle of Integrative Psychology. The triad includes 1) uniqueness (integration of personality), 2) relatedness (interpersonal: family, culture, society), and 3) transcendence (transpersonal: connectedness to cosmos/universe). Shirazi’s model for self refers to a slightly different triad. Shirazi’s model includes 1) egocentric (behavioural, affective, cognitive psychology which defines the self as “I”), 2) psychocentric (consciousness of the spiritual heart after a process of awakening and transformation in which division of I and not I is no longer appropriate) and 3) cosmocentric (a receptive state of self in relationship to the universal energy field). Grof’s model places egocentric, psychocentric and cosmocentric consciousness in a 2 level model of the psyche. The first level is biographical and holds the ego-consciousness of the individual. The second level is transbiographical in which the transpersonal is experienced transcending the physical body and space/time, uniting individual consciousness with cosmic consciousness or collective unconscious. It is at the transpersonal level that the cultural heritage of humanity is understood in terms of archetype, psychological insight, and revelation.

In respect to the chakra model, Shirazi’s egocentric and Grof’s biographical level consciousness exist in the lower triad chakras. Shirazi’s psychocentric consciousness is the opening of the fourth chakra. Grof’s trans-biographical level and Shirazi’s cosmocentric consciousness exist in the higher triad chakras. Transpersonal phenomena are experienced through the auric field (human energy-information field). Recognizing that the human field is in constant, dynamic interaction with other earthly fields as well as the cosmic field (universal energy-information field), much information is available. Transpersonal phenomena include experiencing the consciousness of another person, group of people, spirit guides, etc. Access to the transpersonal experience is facilitated by meditative states in which one is able to direct attention inward, reduce left-hemispheric analytical thought and increase right-hemispheric intuitive thought.

124 Ibid. p. 244-246
125 Ibid. p. 255-262
It is necessary to be in **altered state of consciousness** such as a meditative state in order to experience transpersonal phenomenon because the transpersonal realm does not belong to the realm of consensual reality. In early life we develop a system of rules for perceiving reality, and develop models of reality dictated by the culture and society in which we live. While psychotherapy and shifts in consciousness may enable one to see ‘outside of the box’, beyond the model, it is more difficult to shed the rules. An altered state of consciousness facilitates going beyond the rules.

Nelson attributes the following characteristics to the altered state of consciousness: \[127\]

- Mind is felt to be different due to a shift in the relationship between Self (human field) and Spiritual Ground (universal field).

- Mode of thinking shifts toward primitive if consciousness regresses to lower chakras, or toward advanced if consciousness transcends to higher chakras.

- Space/time is reordered, no longer able to compare to the ordinary state.

- Perceptual filters are weakened allowing excessive amounts of sensory information, or strengthened around a particular task such that one is completely absorbed.

- Memory is affected so events may be easier or harder to remember.

- Ability to express oneself, probability of associations, chain of thought, may be affected.

- Field of consciousness changes to absorb more or less of subconscious and merge with other fields.

While an ASC may be entered spontaneously in a spiritual emergence or psycho-spiritual crisis (both seen as pathological states in Western psychology), the adept can enter the state at will or with the use of mind altering techniques such as chanting, drumming, breathing, meditation,

isolation, fasting, and the use of psychotropic plants. These techniques weaken ego-consciousness, facilitating the transcendent state.

The shaman is the specialist in using symbolism to enter an altered state of consciousness, which in shamanism is as “an imaginative, heightened awareness seeing life through a filter of myth and ritual.” The shaman has met death and been reborn, often through an initiatic experience. Through ecstatic experiences the shaman feels oneness with all, transcends space/time and is given miraculous powers. These characteristics are similar to the path of human becoming: the death of the ego when transcending third chakra consciousness, initiatic experience as spiritual emergency, universal love of fourth chakra, and the miraculous level of internal power where thought influences form, considered magic by the lay person. Indeed Nelson describes the shaman as a sixth chakra being.

The shamanist state lies within all of us. It only needs to be activated. John Perkins quotes an Ecuadorian Shaman, “You only have to listen to your heart and you hear the voice of the Universe, the voice of the soul. Cross your hands over your heart and it will help you remember.”

The transformative nature of shamanism and transpersonal psychology, to unite body, soul, and spirit is evident in Shaman Mehl-Madrona’s words, “When I have been able to help people, it is often because I have been able to do one thing: coax them back to a view of life where their soul exists.”

The altered state of consciousness of the transpersonal and shamanist traditions may be gauged both quantitatively and qualitatively. Quantity refers to level of arousal and quality refers to the balance between thinking, feeling, instinct, drive and intuition. The transcendent state occurs when quantity increases slightly and balance remains intact, or when small qualitative shifts enhance mood.


Principles of resonance and entrainment facilitate the altered state of consciousness achieved through drumming, chanting, meditation, etc. Entrainment occurs when two rhythms have nearly the same frequency and become coupled to share the same rhythm. In the brain, the thalamus acts as the pacemaker. A ‘free-run’ period of 5 to 25 seconds occurs within the pattern of brain wave generation, and it is during this time that the rhythm is susceptible to entrainment. External fields such as geomagnetic pulsations of the earth, natural and artificial fields of extremely low frequency, biomagnetic fields of an energy medicine practitioner are all capable of entraining the brain wave.\footnote{James Oschman (2000). \textit{Energy Medicine: The Scientific Basis}. New York: Churchill Livingstone p. 96}

PSI involves the altered state of consciousness in the entrainment of fields. PSI therapies or parapsychology, refer to psychological phenomenon that cannot be explained by known principles, therefore considered ‘magic’. These phenomena include non-local events such as telekinesis, telepathy, distal healing, etc. Gerber states that this indirect effect occurs when one attunes through meditation with divine forces (universal field) to mentally project or channel information.\footnote{Richard Gerber (2001). \textit{Vibrational Medicine: The #1 Handbook of Subtle-Energy Therapies}. Rochester, Vermont: Bear & Company p. 316} Stănciulescu concurs in his explanation of distal therapy in which he states that the energy emitted is only to sustain the message (PSI wave) without generating direct effects, and the therapeutic effect is due to the information contained in the PSI wave (frequency, amplitude, consistency) which triggers energy consequences in the receiver.\footnote{Traian D. Stanciulescu (2010). \textit{A Possible Explanation of the Distal Therapy Phenomenon: The Biophotonic Contributions}. Performantica: Iasi.}

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The concept of intentionality is found throughout the practices of EIM, and is reflective of the power of coherent thought. In the same way that coherent light activates the holograph, coherent thought patterns activated in meditation in a highly focused level of awareness, may be capable of accessing and interacting at the informational level.
5. A MODEL FOR AN INTEGRATIVE HOLISTIC MEDICINE

Integrative holistic medicine refers to the integration of allopathic and complementary medicine. An understanding of both is required prior to a successful integration. The following chart (adapted from Gerber)\(^\text{136}\) is an attempt to capture the differences and common approaches of allopathic and complementary medicine:

<table>
<thead>
<tr>
<th>ALLOPATHIC MEDICINE MODEL</th>
<th>COMPLEMENTARY MEDICINE MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on Newtonian mechanical model. Body as a machine.</td>
<td>Based on Einstein and Quantum physics model. Body as a dynamic energy system.</td>
</tr>
<tr>
<td>Illness originates in the physical body.</td>
<td>Illness originates in the energy system and is manifest in the physical body.</td>
</tr>
<tr>
<td>Consciousness as by-product of brain's electrical activity.</td>
<td>Mind and Spirit are the sources of consciousness.</td>
</tr>
<tr>
<td>Emotions, if they influence illness, do so through neuro-hormonal connections between brain and body.</td>
<td>Emotions and spirit influence illness through neurohormonal and energy-information connections between body, mind and spirit.</td>
</tr>
<tr>
<td>Pharmaceutical and surgical treatment to correct bio-chemical, physical body</td>
<td>Energy/Information treatments to restore, rebalance body, mind, spirit complex.</td>
</tr>
<tr>
<td>Cure as alleviation of physical symptoms is desired endpoint. Physical symptoms must be eliminated</td>
<td>Healing on causal level (spiritual, mental, emotional) is desired endpoint and will restore physical body to health. Physical symptoms provide clues to cause.</td>
</tr>
<tr>
<td>Reductionist approach: greater understanding through separation into parts</td>
<td>Holistic approach: the whole is greater than the sum of the parts.</td>
</tr>
</tbody>
</table>

It is suggested that an effective model for delivery of healthcare, presented as an integrated medicine model would:

• Combine the speed and efficacy of the allopathic medicine model with the wholeness approach of complementary medicine.

• Treat the whole person (body, mind, spirit, and environment).

• Recognize the healing capacity of the body by promoting and supporting natural recovery and self-healing.

• Develop an individual treatment plan for each patient, recognizing cultural beliefs and attitudes.

• Develop a personal relationship with each patient based on simple regard, familiarity, sympathy with illness.

• Make the patient responsible for their health by sharing in decision making.

• Include psychological attributes of love, gratitude, forgiveness, loving kindness, and compassion.

An integrated medicine model which includes aspects of an expanded consciousness recognizes the need to include psychotherapy. An integral psychology includes the behavioural, affective, cognitive domains of Western psychology, but extends to the body, mind, spirit spectrum at unconscious, conscious and supra-conscious levels.\textsuperscript{137} This is necessary in recognizing that the human being is on a journey of self-discovery, and that behaviours and thought patterns that are not in line with the authentic self, contribute to illness.

Integral psychology regards the whole personality, incorporating all aspects including the Jungian shadow and complexes, transforming them from lower consciousness into desirable qualities of the higher realms of consciousness. Self-realization, as the joy of union with the universal energy field is attained through a process of integral experientialism\textsuperscript{138}, the critical experiential investigation of external observations and introspective approaches.

The external reflects the internal. The state of the body reflects the state of the mind. Extrapolating, the state of the planet reflects the state of the human being.


\textsuperscript{138} Ibid. p. 239, 240
6. INTERDEPENDENCE OF PERSONAL AND PLANETARY HEALTH

According to the holographic nature of the universe, as we heal ourselves, we heal the planet. The reverse is also true; as we heal the planet we heal ourselves. This is a logical hypothesis when we recognize the human energy-information field and the universal or cosmic energy-information field are interconnected and in constant communication. Principles of resonance and coherence facilitate energy-information transfer. Entrainment of human brain waves with Schumann resonance, the electromagnetic pulses between the earth surface and the ionosphere, supports this hypothesis. The scientific community is beginning to appreciate and research how the fields generated by living systems and the ionosphere interact with one another. Heart Math Institute is one organization involved in this research. Global coherence monitoring has shown that changes in the earth’s magnetic field are associated with changes in nervous system and brain activity. It is hypothesized that when large numbers of humans respond to a global event with a common emotional feeling, the collective response can modulate the activity in the earth’s field.

As a merging of ecology and psychology, eco-psychology recognizes that human health includes “maintaining sustainable and mutually enhancing relations with the natural world,” with a goal “to enable individuals to sense, think, feel and act as interdependent beings, interconnected within the whole community of life at all levels.”

Interdependent, interconnected to life at all levels; these are not characteristics of the third chakra human being. Third chakra consciousness has contributed to global malaise by externalizing discontent and consuming the planet in an attempt to find happiness in materialistic gain. As suggested by the wise words of Albert Einstein, “The significant problems we face cannot be solved at the same level of thinking we were at when we created them,” it is in transcendence to a fourth chakra society that humanity and the planet will be healed.

Stănciulescu has designated this as “The RAINBOW Project”, coherently with the acceptance of Einstein’s “PHILADEPHIA”

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Experiment, and with the metaphorical passage from WORM to RAINBOW, scientifically described by Mae-Wan Ho\textsuperscript{142}. Appropriately named, reminding one of the reference to the rainbow in the Christian Bible of God’s covenant to ‘never again destroy the earth’ (Genesis 9:8-17), and also to the rainbow colours of the chakra in recognition of the path of human becoming. One may despair that consumption and destruction of the planet is occurring at a far greater rate than the individual transformation of the 6 billion people living on Earth. However, Hawkins in \textit{Power vs. Force} states that the power of consciousness exists on a logarithmic scale such that the energy of a positive thought is enormously more powerful than that of a negative one.\textsuperscript{143} This principle applied to the population infers that society will transcend to fourth chakra consciousness once a critical mass has been reached and that because of the power of the positive state, the number required to reach critical mass is comparatively small.

Generally, the Rainbow Project aims to raise planetary consciousness through individual and societal experience of Universal Love, uniting humanity in love and light Particularly, through the privileges of an integrative endogenous and exogenous homeopathy, too…

\textit{By bits of love.}
\textit{Let’s accomplish it…}

\textit{By ANN M. SIMARD}

\textit{Wawa (Canada)}
\textit{September 08, 2010 — May 10, 2011}

As closing that opens
EXOGENOUS HOMEOPATHY:
A PATH TOWARDS A SYNERGETIC THERAPY

In conclusion, we might consider that – through the "vital force" of things – the present study was represented in a synthesis of several theoretical and practical concerns and achievements, whose synergy – a powerful creative alternative – has generated an unusual construction regarding the following:

- the explanatory contributions of a new science, Biophotonics, summarized in a comprehensive vision of a Biophotonic Integrative Theory (BIT);
- The ability to argue – with the help of BIT – the functional mechanisms of an integrative Synergetic Homeopathy (SyHo) able to explain and to practically correlate the principles of classical endogenous homeopathy, with those practically ignored as exogenous homeopathy, revolutionary through its effects and usefulness.

It must be recognized that EXOGENOUS HOMEOPATHY (ExHo) basically initiated ages ago, is mentioned as a synergistic theory and practiced in more recent times. [Stănciulescu, 2003; 2005; 2006; 2010] 144. In these circumstances, the present study could be considered as a birth certificate of exogenous homeopathy (ExHo)145, on the one hand, coupled with that of ENDOGENOUS HOMEOPATHY (EnHo) signed a long time ago by Hahnemann, but whose mechanisms and functional principles have been coherently explained using the principles of the Biophotonics [Stănciulescu, 2003], on the other hand.

By coupling the two functional dimensions that homeopathy allows, the endogenous and the exogenous ones, an integrated reconstruction of homeopathy could be presented in the limits of this paper under the name: SYNERGETIC HOMEOPATHY.

144 Paradoxically, but performing research on Internet, regarding this field, with the searching "instruments", the only references for the words EXOGENOUS HOMEOPATHY were those drawn from works published in 2006 HOMEOPATHY 4 Everyone. My gratitude again for the Old and New Opportunities to sustain this unconventional perspective.

145 This simple finding was backed by the understanding and discover of a mark already registered BIOPHOTONIC CONCEPT — Exogenous Homeopathy (Iasi, December 22nd, 2010).
The scientific explanation of such an integrative connection involves the correlation of several work stages, namely the scientific / experimental crediting of the phenomenon in general, with a category of means other than the intuitive ones:

— the experimental recognition / assumption of the phenomenon, traditionally used in natural conditions and tracked in modern laboratory conditions too; it is enough to remember the magic talismans of the Egyptians the old medicine bag of Indians, etc., or the modern magnetic bracelet, stimulative pastille etc.;
— formulation of a relevant scientific explanation; the already mentioned contributions of BIT are quite coherent and detailed for representing such a rigorous theoretical explanation;
— the validation of scientific explanation by repeating it experimentally, technologically, introducing several hypothetical parameters / experimental conditions imposed by the elaborated theory, which would generate the presumed effects; the synergy of the Biophotonic Resonator, a technological realized devise etc., represents such a contribution.

Such a triple connection would undoubtedly validate the objectivity of the phenomenon and the adequacy of explanations, allowing the development of performance driven strategies.

For the purposes of such an aspiration, to coherently develop the new science of SYNERGETIC HOMEOPATHY in a future synthesis work, the considerations of this book could act as a reference support.

Happy to accomplish it, TOGETHER, all of us:
THE VORTEX OF A SPIRITUAL AND LOVING «RAINBOW»…

Traian D. Stănciulescu

Iasi, May 14, 2011
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