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## Linguistic and Wave Genetics and its practical use

**The essence of the theory and practical (medical-gerontological) use of Linguistic Wave Genetics (LWG) technology, October 12, 2012.**

The Nirenberg-Krick (NK) model of the genetic (protein) code contains a major mistake. Any model dealing with heredity and regulation strategy of protein synthesis can be either completely right or completely wrong. The NK model is wrong because it does not explain the role of the 2nd half (32-64) of the codons. The 1st half of the codons (1-32) were quickly understood a long time ago: they are codons-synonyms. Hence, biological systems using iso-acceptor tRNA represent the redundancy and accuracy of the coding.

The 2nd half (32-64) of the codons are codons-homonyms. They are not equivalent, meaning that the same codons can code different amino acids & stop-positions in protein bio-synthesis. It means that ribosomes can make mistakes while choosing amino acids & stop-positions (stops), however this never occurs. This is a major flaw in the NK model, the NK model automatically implies an ambiguity of amino acids & stops encoding.

In reality no ambiguity is evident. Why is the ribosome never mistaken? Here we should have a look at the *context* mRNA. It is the *understanding of mRNA context* by the protein-synthesizing system that allows the ribosome to choose the exact semantics of the *codon-homonym* and, therefore, amino acid and/or stop-position. If the context is understood, it means that the genetic apparatus has a quasi consciousness. This opens the doors to other semantic vectors of the protein code and the organism's opportunity to adapt to changing environmental conditions in the course of its evolution and development, and the ability to produce pools of test proteins.

For a long time the context-oriented role of *codon-homonyms* was ignored and has led to serious consequences in the application of the so-called "transgenic engineering." What are these problems? The biotechnology of vector introduction of foreign genes (transgenes) into the chromosomal DNA made it possible to very quickly produce genetically modified (GM) food.

The creation of potentially hazardous synthetic cells, the so-called "Synthia" with the artificial genome is an actual fact of life. This is a counterproductive genetic reality and the lack of regard and understanding for the homonymy of the 2<sup>nd</sup> half of codons has unexpectedly acquired a foreboding character. Misunderstanding and even ignoring the strategic role of codon-homonyms has already led to the protein pathogenicity of GM food, leading to cancer and severe allergies.

Now we evidence the uncontrolled aggression of "Synthia", used for the disposal of oil pollution in the Gulf of Mexico, an aggression against all living things, including humans ("blue plague").

There is another strategic issue. Do we understand correctly the main principles of the embryo formation into an adult organism? No, we don't. They are purely descriptive, and ultimately, wrong. The core mechanisms of cyto-differentiation of stem cells are not understood. LWG provides a clear and simple interpretation of this. Dynamic spatial and temporal structure of the developing embryo is determined by the gradients of the (non-Volpert) wave fronts of genomic polarization holograms, created by liquid crystals of DNA-cholesterics of chromosome continuum of cell-tissue areals.

The chromosomes are also the sources of coherent light (250 - 800nm), which is needed to read genomic holograms. The second strategic vector of embryo organization into an adult organism is a quasi-verbal structure of proteins-texts, translated by the body from the language of primary DNA-RNA texts. That means that the genome not only understands but also shows holographic schemes and gives text's (protein's) comments to these schemes. The third strategic vector of bio-morphogenesis is an instantaneous co-ordination in time and space of all cells and their genomes due to their quantum non-locality, i.e. teleportation of the wave of genetic-metabolic information between hundreds of billions of cells that form the body.

Has this all been proved experimentally? Yes, it has to a certain extent. It was researched by PhD Jenny Jiang Kang (Khabarovsk), Acad. RAMS Kaznacheev (IKEM, Novosibirsk), Dr. Budagovsky (Michurinsk), Dr. A.B.Burlakov (MSU). We also have done our own experiments. Nobel laureate Luc Montagnier and his team deserve a special attention. They have uniquely and independently confirmed our data about the transmission of genetic information by wave at macro distances.

Their experiments are much simpler but not less significant [DNA waves and water. L. Montagnier<sup>1, 2</sup>, J. Aissa<sup>2</sup>, E. Del Giudice<sup>3</sup>, C. Lavallee<sup>2</sup>, A.Tedeschi<sup>4</sup>, and G. Vitiello<sup>5</sup> 1 World Foundation for AIDS research and Prevention (UNESCO), Paris, France 2 Nanetics Biotechnologies, SA 98 rue Albert Calmette, F78350 Jouy-en-Josas, France 3 IIB, International Institute for Biophotonics, Neuss, Germany 4 WHITE HB, Milano, Italy 5 Dipartimento di Matematica e Informatica, Università di Salerno and INFN, Gruppo Collegato Salerno, I-84100 Salerno, Italy. arXiv: 1012.5166v1 [q-bio.OT] 23 Dec 2010]

In view of the strategic importance of the work of Luc Montagnier's team, it makes sense to evaluate this work and comparing it with our own earlier research in this area.

Luc Montagnier by de facto invaded in the area of Linguistic Wave Genetics, the trend in science, started by Russian biologists Gurvitch, Lyubischev and Beklemishev in the 1920's - 1940's. But, frankly speaking, Luc Montagnier hardly knows LWG. And, indeed, LWG is the object of constant defamation from the side of the so-called official science. There are many reasons for this:

- a) the need to share money, when all the sources are "already distributed",
- b) it is necessary to change the paradigm of genetics, but nobody wants to, as "the positions are warm and money is regularly coming in", so there is no reason to change. Take a look at the "Human Genome Project", which cost billions, and lead to the funny results, that our genes are practically no different from those of pigs, monkeys, and even bacteria, plus the genes that were found covered only 2% of the DNA. The other 98% of the DNA molecule was called "junk" and considered to be the remnants of the viral genomes.
- c) pharmacists simply do not accept LWG for obvious reasons. Etc. etc.

Why are the researches of Luc Montagnier and ours much more advanced experiments on the electromagnetic transmission of DNA into water structure, including the structure of intracellular water in vivo, so critically important?

In Medicine there is a critical situation in terms of the non-application of the huge information reserves of "junk" DNA and this encompasses the real opportunities for therapeutic use of LWG.

The reason lies in the long-term and continuing lack of understanding of the strategic pillars of the main information center of man - his genetic apparatus, which is responsible not only for the heredity but also performs key regulation of metabolic and physiological functions up to the level of thinking and consciousness. The main problem is lack of understanding and ignorance of the contradiction in the Genetic Code Model (GCM), which was made by Nobel laureates M. Nirenberg

and F. Krick. In fact, it is a huge error not to admit or rather to ignore the meaning of the ambiguity of amino acid encoding with protein code. This ambiguity was immediately noted, but not explained by them (M. Nirenberg, F. Krick) but subsequently blurred and "as if forgotten." But such strategic things can not be forgotten. Nevertheless, they were forgotten.

What were the consequences of this? This led to the so-called transgenic engineering which achieved its main goal, e.g. cheap genetically modified (GM) foods. It threatens complete genetic collapse of all life on Earth. I explained this in my publications. The second consequence of erroneous GCM is the inability of medicine to cure major diseases like cancer, AIDS, tuberculosis, and failure to extend the active life of people up to 200 years and more.

This can and should be done by the new branch of biology and medicine, e.g. LWG. LWG is based on the understanding of genetic apparatus, functioning as Quantum Bio-computer (QB) with its very relevant features of Consciousness and Thinking. The main principles of QB function are the holographic, linguistic and quantum non-locality of its regulatory commands. We have built the pilot model of this artificial QB on the basis of laser technologies. QB is able to perform the following bio-computational functions:

- a) reading of the wave genetic information from chromosomes and cells-tissues,
- b) converting scanning-laser photons, that record information, into modulated wideband electromagnetic radiation, while keeping the received primary photon genetic information,
- c) wave translation of genetic information at macro distances,
- d) introduction of genetic information in the form of modulated wideband electromagnetic radiation into the intracellular water of the recipient's organism,
- e) programmed control/correction of metabolism and physiology of the recipient, for example, of a sick or old person.

It was theoretically proven and experimentally demonstrated in about 100 of our publications and three of my books, including the latest "Linguistic Wave Genome: Theory and Practice "(2009) [http://www.wavegenetic.ru/Petr\\_Gariaev.pdf](http://www.wavegenetic.ru/Petr_Gariaev.pdf) (link to the file in Russian).

Our experiments are foremost frontier compared to the works performed by the team of Luc Montagnier. Our first publications on the wave transmission of active/working genetic information were issued in 2003:

- P.P. Gariaev, 2003, Cloning, AIDS, cancer, diabetes and wave genetics. Consciousness and Physical Reality. Vol. 8, № 2, pp. 52-60;
- P. Gariaev, 2003, Der wellengenetische Code. Tattva Viveka, № 20, pp.68-73 (in German);
- P.P. Gariaev, E.A. Leonova, 2003, The Strange World of Wave Genetics. "Consciousness and Physical Reality" Magazine, vol.8, № 6, pp.27-40.

Our theoretical and experimental article on the so-called DNA-phantom effect was published in 2010. It describes and formalizes from the perspectives of physics and mathematics the quantum type of memory of genetic structures (never known before) and its importance to organisms <http://scireprints.lu.lv/160/1/gariaev.pitkanen.pdf> (link to the file in English).

Now we can see the article on the same subject written by the Nobel Prize laureate of the year 2008, Luc Montagnier, «DNA waves and water» <http://arxiv.org/pdf/1012.5166.pdf> (in English).

It caused a loud echo in the world of science because it contains experimental evidence of distant (high) wave transmission of DNA molecule structure directly into the water. Montagnier says that they have received a patent for this, but the search engines cannot find it. We have received a patent for phantom-formation being registered for the DNA, which may illustrate the principle of transmission of DNA by "phantom" way, including into the water: Rospatent, 2009, № 2355009 "Method and apparatus of obtaining wave replicative maps of DNA." Application № 2007102044. Priority of invention January 22, 2007.

On October-10, 2011 we recorded the priority for the technology of wave broadcast of a single gene BLBP from neurons of the cerebral cortex to stem cells [Gariaev and others, 2011, Method of controlling the metabolism of bio-systems and the system of its realization. ROSPATENT].

In the same academic area we demonstrated the distant wave translation of genetic information: our patent for this technology - Rospatent, 2010, "Method and device for controlled wave influence on Varroa tick." Application №2008134520. Priority of invention August 26, 2008, we gave a theoretical interpretation of the "phantom" data transmission in DNA molecules <http://scireprints.lu.lv/160/1/gariaev.pitkanen.pdf> (link to the file in English).

Not only in relation to our experiments but also to the mentioned works of Luc Montagnier's team, where the authors have given insufficient theoretical explanations of their own results. Unfortunately, Montagnier's team does not refer to our above mentioned works published in 2003 and other years, as well as to our patents and priorities.

Now, after the independent verification by Montagnier's team of the important principle (that we have already proven), the fact of far-distance transmission of active genetic data by wave – we are entering into a new era in biology, genetics and medicine. It opens real opportunities to manage human health and prolong lives of people, applying linguistic and quantum attributes of chromosomes, what we have been talking and writing about for the past 26 years. It's important to add that about 20 years ago our great physicist-crystallographer, Nikolai Bulyonkov, proved that the structure of water can create clusters from which "water analogues or copies" of DNA and RNA could be built [Bulyonkov N.A., 1991, Biophysics, vol.36, ed.2, pp.181-243. The possible role of hydration as a major factor of bio-systems organization at different levels of hierarchy]. That is the main information for the team of Luc Montagnier as well as for us, which presents the real basis for his and our work.

Here comes the logical question: what can LWG do in practical terms? I list below what has been already done to sick people in the form of modulated wideband electromagnetic radiation. Although sometimes these are just a few cases, they are important

1. Regeneration of teeth
2. Regeneration of the rectum
3. Regeneration of hair
4. Restoration of lost vision
5. Gradual healing of Charcot-Marie syndrome

6. Simultaneous normalization of condition of a large group of people
7. Rapid and complete recovery from a brain hemorrhage and paralysis
8. Healing of bone cancer and breast cancer
9. Anti-diabetes effects
10. Initial signs of slow-down of aging.

More data are being collected and systematized. It's worth to be noted that the potential of LWG is much bigger.

We just received the results on permissive wave transmission of one of the genes into the stem cells, as well as data on the recovery of damaged brain after injury. The materials are being prepared for patenting and subsequent publication. How are these technologies implemented in practice?

What is wave and avi information, recorded with the help of our technologies from placenta, umbilical cord blood and photos of healthy children?

A person can take a wave-avi recording in the form of beneficial modulated wideband electromagnetic radiation spin-torsion data (RSD) contained in umbilical cord blood, placenta, and from the photograph of the child. To understand the nature of the data, watch a lecture of the brilliant Russian scientist, Academician A.E.Akimov, now deceased, with whom I worked for almost 30 years. Be especially attentive during 86th-89th minutes of the recording, when Anatoly Evgenyevich is telling about spin-torsion data of the photograph. <http://via-midgard.info/news/video/5482-akimov-ae-torsionnye-polya.html> (link to video file in Russian).

Initial recording of spin-torsion information is done by a special laser, able to generate photons that change their polarization (spin state) when scanning any objects: living cells and tissues, bioactive compounds. The spin states of atoms that make up the picture of the scanned photo-object are fixed in the photosensitive layer of films and photographs. But this is only the first stage of the recording. This recording is generic and contains extensive information, like a library, 'read' from the picture.

The second stage cannot be separated from the first and is about converting of the scanned and acquired spin information of laser photons into the broadband electromagnetic spectrum, including the radio-wave range. This conversion takes place in accordance with the known 'theory of localized light' in physics.

This radio-wave range, which now has recorded photon information, is digitized and translated into a sound wave format for the initial act of listening when the patient's brain "receives" the ENTIRE library or MOST of it. The same radio-wave range we simultaneously translate into .txt format, i.e. once again digitize.

Then digital information data is processed by a special computer program to extract the kind of orientating information that is recorded in .avi format. This format allows us to "receive" orientating information in a form of dynamic and harmonious audio and video images.

A question arises: isn't information in this .mp3 audio format affected by all known signal distortions that normally occur, when a signal is encoded in .mp3 format?

Here we should say about one of the most important properties of spectra obtained by us. This property is fractal, i.e. self-similar, multi-scale and self-identical. It stems from the fact that the initial act of recording of photonic information from the samples is done by colliding laser beams: reflected by the scanned sample laser beam returns back to the laser resonator and again comes out to the sample.

In fact, we get the photon interferogram (hologram) of the scanned sample (blood, placenta, metabolites, photographs, etc.), then converted into radio frequency and, ultimately, in the .mp3-acoustic hologram. It is important to understand that any hologram is fractal (the reverse is not always true).

A fundamental characteristic of hologram fractals is their information redundancy and noise immunity. Therefore the loss of some frequencies during the conversion of the received spectra into .mp3 format does not violate the general bioactive information. Holograms, as is known, can be scratched, broken into pieces and no record distortion happens. Recently, however, we switched to recording in wave format.

So, we have the first stage of recording (wave, 'library") and the second (.avi), which to some but still little extent helps to navigate the "library". The human brain is self-sufficient in this regard. Listening to the "library" is perceived by a person like noise and can be compared with the reading of thousands of volumes of books at the same time. However, our brain is still able to navigate even in such loads of data.

It seems to me, that it is strategic information, based on the laws of beauty and harmony. These laws are primary and principal to our Universe and create all living organisms and human according to the laws of Harmony and Beauty. These laws are implemented in a format of .avi files in undistorted and concentrated form.

Their audio-video series works as an additional health corrector, especially when using different bioactive substances. Tunes and video series of .avi files provide harmonic images, rigidly connected to the original spin-modulated of scanning laser photons, "reading" information from the extracts of ginseng, propolis, pantocrinum, etc. as well as from photographs of the children.

Our software differently 'voices' the original melody of .avi files with the musical instruments and even choral performance. This is logically extracted musical information in such polyphonic version is better perceived and is much more effective in healing.

We have learned ourselves that it is better to use the .avi information, reading it from bioactive substances listed above as well as others. That's why we have created the library of .avi files of this kind and give them to our patients in addition to individual .avi programs.

Wave and .avi files should used one by one in the MORNING and BEFORE BEDTIME. It can be done more often, if needed. It is important to know that, as a rule, working with our programs-files can be accompanied by some worsening of the general health state. It lasts differently, up to 3-4 days, and is associated with dramatic positive body retuning. Since the total length of the files is quite large and it is tedious to listen to them in a row, as an option, you can break the program into triples or quadruples with overlapping, such as 1,2,3 - 3,4,5 - 5,6,7, etc .

Many people ask the following question. The spinor information is taken from the photo in accordance with the provisions of Acad. A.E.Akimov, and its record is based on the fact that the grains of silver on photo layer fix the spin states of the photographed person. The question arises then, what if the original photo is scanned, copied and re-copied again, and, in general, what if it is digital? Is the healing and anti-aging information still preserved?

There is good evidence that it is preserved, as it is demonstrated in the recovery of patients, including from "incurable" diseases, such as cystic fibrosis. Then, there is a temptation to explain it as shamanic magic of the African Voodoo tribe. I believe, that there is magic but quantum magic, the "Quantum Magic" is described in a brilliant book "Quantum Magic" by S.I. Doronin and not only by that. <http://www.kodges.ru/13646-kvantovaja-magija.html> (link to the book description and download in Russian).

This shows other fundamental principles of quantum physics at work. The idea of quantum communication of the photographic image of man with man himself is derived from the concept of the Universe, the World as a hologram.

This idea was put forward by world renown physicist David Bohm, [http://en.wikipedia.org/wiki/David\\_Bohm](http://en.wikipedia.org/wiki/David_Bohm) (link to Wikipedia page in English) and developed further in relation to human by well-known physicist Simon Berkovich, <http://www.seas.gwu.edu/~berkov/Theory.htm> (link to the pages in English),

<http://www.nderf.org/Berkovich.htm> (link to the pages in English). Close to those ideas are also teachings of Vernadsky about the Noosphere.

In our practice we use a photograph of the patient's healthy juvenile relative. For example, for the treatment of cystic fibrosis of an 8-year-old girl Alice, we took baby photos of her healthy sister, using a laser we "read" quantum information from it and introduced it back to the sick child. The disease was completely gone. This success is unprecedented. As mentioned earlier, cystic fibrosis was considered to be incurable disease. In spite of molecular genetic analysis revealing that the CFTR?F508 Mutation of Alice remained, the fact is that the baby is almost healthy, and other children-patients receiving our programs are quickly recovering.

How can we explain that the mutation remained but the patient is healthy? The factor of DNA phantom-formation shown by us and the team of Luc Montagnier helps to explain this. Probably, the information, scanned from the Bohm's hologram, stimulates DNA phantom-formation in that part of the chromosome, where there is a deletion (loss) of several DNA nucleotides. In this case the phantom DNA performs a kind of "prosthetic replacement" function, mimicking DNA integrity.

By the way, this phenomenon is characteristic not only to DNA, but also to RNA. These "abnormal" manifestations were discovered by the team of the Nobel Prize winner Max Eigen and other researchers in the Q-beta replicase system in vitro, when RNA was synthesized by RNA-dependent RNA polymerase (Q-beta replicase) without RNA matrix, i.e. actually on the phantom RNA.

The widely known statement of Einstein-Podolsky-Rosen paradox of quantum non-locality of coherent particles represents the extension to the theoretical base of LWG treatment [A. Einstein, B. Podolsky, & N. Rosen, "Can quantum-mechanical description of physical reality be considered complete?" Phys. Rev. 47, 10, 777-780 (1935)].

In case of Alice's treatment, we used non-locality of the photons and the secondary emission of the special laser that scanned the photo. As a result, we had an effect of the partial quantum non-locality of three figurants in the process of this treatment:

1. The photo of Alice's healthy sister,
2. Sick Alice herself,
3. Universal (Bohm's) hologram, which represents all manifest creation, including humans, and in particular, these three figurants.

The original polarization spectrum from the photo was in a special way (as mentioned above) translated into the sound at the frequencies of human speech. In turn, the recorded audio, when played on the player, gives spinor retranslation of information in the electronics of the player, which in this case is the spintronic radiator, causing the relevant biological effects (2012, unpubl. data).

[This rich in information and healing properties audio-recording \(in its spintronic version\) affected Alice, curing her from cystic fibrosis.](#)

Another important factor in favor of our applied technologies is the ability to regenerate human organs and tissues in situ, that is, in the human body. To some extent we have done this to both animals and humans ([www.wavegenetic.ru](http://www.wavegenetic.ru), see the list of our publications of 2007-2012). This is fundamental by itself and the importance of these results needs no explanation.

And these results are especially pertinent now, when humanity is shaken by the massive use of human organs and tissues and fetal therapy, where children and adults are used as in a slaughterhouse, almost alive, and in Russia it is even considered legal!

<http://via-midgard.info/15009-zakon-o-raspile-detej-na-organy.html> (link to the pages in Russian).

The LWG technologies allow to avoid this ...

For those who would like to understand the laser physics of wave healing information scan in more details, we recommend our articles <http://eng.wavegenetic.ru/> (link to our website in English), <http://dnadecipher.com/index.php/ddj/article/view/4> (link to the document in English).