Using the principles of epigenetics in constructing the concept of therapy diseases of various etiologies N. Kempe (Liboch, Austria)

At the XVIII International Conference on BRT, we proposed to use the existing knowledge of cell biology for the treatment of patients. First of all, we are talking about supporting the natural reparative function of DNA. Over the past year, a lot of experience has been accumulated in this direction. The assumptions about the high efficiency of such therapy for a wide variety of body dysfunctions were confirmed. Moreover, these methods, which we discussed at the subsequent seminar, turned out to be very useful for both prophylaxis and postoperative treatment and recovery of the body after using various methods of official medicine, such as: chemotherapy, the use of potent drugs, radiation, etc.

These complex processes are being intensively studied in various research teams. There are serious hopes that the study of gene control processes will make it possible to successfully treat such serious diseases as cancer, autoimmune and degenerative diseases, as well as mental and neurological diseases. And, finally, the most important thing: revealing the secrets of epigenetics will help lengthen life by postponing the onset of aging of the body to its natural moment, activity and health until the last day of life!

To date, it is known that the length of DNA from human mitochondria is about 16,000 bp. (base pairs). The characteristic size of the DNA of the virus is about 100,000 bp, bacteria is from 500,000 to 5,000,000 bp. (this is the size of one DNA molecule). The human genome contains about 3,000,000,000 bp, distributed over 23 chromosomes. This means that the average length of a DNA molecule from the nucleus of a human cell is more than 100,000,000 bp!

The length of all DNA molecules of a double set of chromosomes in one human cell is approximately 2 m.The adult body consists of approximately $5x10_{13}$ - $10x10_{13}$ cells. Calculations show that the total length of DNA molecules of all cells of one person is about 10_{eleven} km, which is about a thousand times the distance from the Earth to the Sun.

But the DNA molecule can only be seen with a very high resolution microscope, because this double helix is very tightly packed! Various epigenetic mechanisms regulate the type and density of this packing (condensation) in various spatial regions of the genome. Only the unpacked part of the DNA can be read and, accordingly, initiate the process of creating the corresponding protein. Other epigenetic mechanisms (modification of histones, DNA methylation, and transfer to RNA) serve precisely in order to turn on the required gene, correctly "unwind" the required section of DNA at the right time, remove information from it and "pack" it again. All these complex mechanisms are interconnected and together regulate the activity status of a particular chromosome region. All these mechanisms, accordingly, very sensitively react to the environment, to the situation inside the body and outside it (environment).

The next complex group of gene regulation is the preparation and transmission of information to the next generation. There is still a lot that is not understood here, and mankind has a lot of work to do to study the mechanisms of heredity. For example, it has already been verified and confirmed by numerous studies, both in animals and in humans, that the effects of the environment are not transmitted to children and grandchildren. And this imposes a huge responsibility on us all.

While medical science is trying to recognize the chemical and biological mechanisms of gene regulation, information medicine can control genes at the level of the morphogenetic field, that is, how to turn on these mechanisms, maintain their course and control their action.

APK "IMEDIS-EXPERT" has tremendous opportunities to recognize the type and location of body dysfunctions, has very good control of both the state of the body and changes in this state under the influence of both traditional and energyinformational types of treatment, but the problem of choosing the correct and most effective method depends entirely from the knowledge, experience and skill of the doctor. The task of choosing the optimal therapy is a very difficult task, since this includes almost unpredictable environmental influences - from physical and chemical effects to psychoemotional problems, the dynamics of the development of the patient's emotional state in all its diversity, the laws of society and many other influences that are difficult to assess.

Our genetic system is designed in such a way that it reacts vividly to all of the above influences, has mechanisms for assessing the instant and future state of the body's functions and makes a decision both to optimize the body's functions at the moment, and to preserve and transfer these control methods and body responses to the next generation. (inheritance).

How difficult all this is can be judged by the fact that after huge scientific and financial expenditures (more than \$ 3 billion!) In 2000, only the "executive" part of human DNA was deciphered, which is responsible for the physicochemical processes in the body. only 1–2% of the total molecule. But, after all, the control of these genes is inherent in the rest of the, offensively called "dirty" gene. It is she who contains the necessary information about the temporal and spatial system of switching on and off these "executors" genes!

Epigenetics is now being dealt with both by scientific teams of the pharmaceutical industry, hoping to offer potent drugs of a new type to the market (and they have already emerged in the field of oncology treatment and psychiatry!), And scientists at universities, who feel that epigenetics is starting completely a new era in the knowledge of the evolution of life on Earth and the understanding of a number of processes in biology. In the first serious books on epigenetics that have already appeared, it is unanimously expressed that the 21st century is the century of epigenetics.

Such a long introduction seems to me necessary in order to attract the attention of colleagues involved in the methods of energy-informational medicine, and first of all working with the apparatus "IMEDIS".

Epigenetics, like no other scientific field, shows us what an important role the informational, non-material part of the morphogenetic field plays in the genome control system. It is here that the docking of information and biochemistry takes place in complex chains of control over the functions of living organisms. And in the case of highly organized organisms, it is at this junction that the transition of emotions into real tangible measurable reactions of the organism takes place. For the first time, the understanding comes that we are not slaves of our genes, that we have the ability to influence our hereditary code and the code of our descendants.

For work in the field of treatment, in the field of preventive medicine, in psychiatry, in pedagogy, thanks to epigenetics, it becomes possible to create completely new concepts for achieving goals. At the same time, the huge advantage of devices and hardware and software "IMEDIS" - monitoring the patient's condition before, during and after therapy - provides invaluable unique opportunities.

Take the problem of infectious disease, for example. These problems are currently especially relevant due to the emergence of a large number of mutated, antibiotic-resistant bacteria that do not respond to antibiotics (EHEC, MRSA, etc.), changes in the behavior of a number of "old familiar" viruses, such as herpes group, new types of hepatitis and etc., the emergence of new more developed viruses that already have their own DNA, and the emergence of complex so-called. stepwise infections in which helminths, bacteria, viruses and viroids are simultaneously or sequentially involved. Using the principles of epigenetics, it is possible to cope with these often complex and long-term diseases without identifying specifically what and how the patient's body is infected.

In epigenetic therapy, the response of the body must be taken into account. This response is different from the usual response to bioresonance therapy. The first difference is the rapid release of toxins after and even during therapy. As a rule, the electrodes become very dirty, even if the therapy was carried out for only a few minutes. In our experience, the most effective is therapy with simultaneous detoxification through time modulation of bioresonance therapy with frequencies E33, E36, E140, E171 and E349. If therapy is aimed at eliminating infections, then it is necessary to add the frequency of E365 and, if necessary, the frequency of aflatoxin withdrawal (E408, E430, E540, E608, E612 and E895). Of course, only those frequencies that were determined during testing should be extended.

You also need to be careful with those patients who have various implants (dental pins, stents, artificial joints, transplanted organs, etc.), since epigenetic therapy greatly stimulates the immune system.

Epigenetic therapy in type 2 diabetics leads to significant

decrease in blood sugar, and those patients who are ready to adhere to a diet do not need anti-sugar drugs at all. At the same time, over time (4–6 months), the condition of these patients becomes so stable that in fact they can already, without going to extremes, live a normal life. Now I am observing 6 such normalized diabetics. Supportive care is given every 6–8 weeks.

The use of epigenome correction in the treatment of cancer patients seems to be very important to us. Our first results in adjuvant and direct therapy for breast, lung, intestinal, stomach and especially blood cancers are very encouraging.

The use of space information for genome correction turned out to be especially interesting. As mentioned at the XVIII International BRT Conference, we are now witnessing a strong increase in the level of cosmic radiation. The situation is still very dynamic. We were able to record the informative part of this strong radioactive radiation during the days of its maximum peaks. It turned out that this information has a strong stabilizing effect on homeostasis precisely through the correction of the epigenome!

When treating all dysfunctions, we have always involved psychosomatics, which was often far from easy. Using the methods of epigenetics, we reached a completely new frontier in the correction of the patient's mental states: fears, phobias, manias, depressive states, and saw with our own eyes how strongly emotions affect the state of the patient's epigenome. We are constantly convinced that the correction of emotions, especially negative ones (in the first place are envy and hatred) changes the epigenome, human behavior, has a very positive effect on health, and gives the effect of rejuvenation.

There is not a lot of literature on epigenetics in Russian. This is, first of all, the book of the epigenetics specialist from England Ness Carey "Epigenetics" (how modern biology rewrites our ideas about genetics, diseases and heredity, 2012) and the collection "Epigenetics" of articles by leading experts, ed. S. D. Ellis, E. Dienuwein, D. Reinberg. 2011. There are some interesting articles in the magazine "Spektrum der Wissenschaft" for 2012 (this magazine is being translated into Russian). It's good to flip through cell biologist Bruce Lipton's book Intelligente Zellen again (How our experience drives our genes, Wie Erfahrungen unsere Gene steuern). For those who are not afraid of the word "esotericism" it will be interesting and in many ways useful to get acquainted with the books: Ann Brewer "Twelve strands of DNA" (History, DNA Recoding Theory and Practice) and Margaret Ruby's DNA Healing (Reconfiguring Your Genetic Code for a Healthy and Successful Life). There I picked up some interesting ideas that are well implemented with the help of the APK "IMEDIS-EXPERT".

The journal Oncology has published many articles on new possibilities for cancer treatment, for example, T.10, No. 3, 2008.

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But you have to be very careful with information on the Internet! New

drugs, especially for the treatment of cancer, multiple sclerosis, Parkinson's disease, or for rejuvenation. Many of them contain telomerase or otherwise act on the telomeres of chromosomes, and this can just lead to the opposite results. In Europe and America, formal and unofficial groups of scientists are created for joint research and discussion on epigenetics, for example: www.epigenome-noe.net www.epigenome.eu www.epigenome.org.

There is an international project "Human Epigenome Projekt", the purpose of which is to determine the scheme of DNA methylation in all types of human cells and to interpret it.

In our opinion, epigenetics and energy-informational therapy with the use of "IMEDIS" equipment is currently the most promising direction in the improvement of people. This is not only because completely new possibilities of therapy and disease prevention are opening up. Working with the epigenome, we switch to a completely new holistic thinking and concept of a person as a part of the Earth's noosphere.

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