

## Reviews

# Infoceuticals - invisible drugs

B.P. Surinov <sup>1</sup>, E.P. Germanov <sup>2</sup>

**Abstract** The article popularly tells about the history of the creation of technology for obtaining so informational copies of medicinal drugs - infoceuticals. Technology uses ability of chemical and biological substances produce ultra-weak radiation that can be transmitted over long distances by communication lines, including the Internet. Such radiation perceived by water, which receives a method the ability to reproduce the same pharmacological effects, just like a chemical sample. Essentially it is the story of a new pharmaceutical reality when infoceuticals, in the absence of any chemical chemical substances exhibit a certain biological activity. And it's not fiction like it could seem. This technology has and other possibilities. The authors would like to attract attention to this problem of specialists from different profile.

The topic we have chosen has something to do with to such a popular, but harshly criticized official social science in the direction of medical practice, like homeopathy. How much do we know about her? Was born she is in the late Middle Ages in Germany. Before our days has kept almost the same cooking methods dosage forms, uses the same terminology giyu. The creator of the theory and practice of homeopathy is by Samuel Hahnemann (Christian Friedrich Samuel Hahnemann) (Fig. 1). He was born in Saxon Meissen in 1755 he studied medicine at the Leipzig University those. Dissatisfaction with the existing medical science directed him in search of new concepts and treatment methods. After several years of searching for Gahnen formulated the principles of a new medical practitioners - homeopathy. Most of us are familiar with other principle of choosing a means of treatment 'like similar', that is, treatment with those substances that capable of causing symptoms similar to those observed the patient. Less familiar is the second principle 'smaller doses of the drug cause a higher effect' than

nii laws. As a result, from 1835 he settled in Paris, where he ended his life in 1843.

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Fig. 1. Christian Friedrich Samuel Hahnemann.

The first principle of homeopathy can find loved ones examples and in conventional pharmacology, when efficient drugs, depending on the dose and conditions their application can cause opposite effects. The second principle served and still serves to critics with 'evidence' that homeopaths treat patients water. Indeed, for such an accusation there is reasons: homeopaths prepare dosage forms, mixing very small amounts of the main action active substance with a large mass of neutral components or by dissolving the basic substance in water

large doses. Hahnemann opened at the University of Leipzig a lecture course on 'rational medicine', as he called his doctrine, the foundations of which he set out in co-the `` Organon of medical art '' (Organon der rationellen Heilkunde, 1810). Used by Hahnemann medical practice did not meet the accepted in Germany

<sup>1</sup> MRNTs them. A.F. Tsyba - branch of the Federal State Budgetary Institution 'National Medical Research Center of Radiology' Ministry of Health of Russia, Obninsk, Russia, surinovboris@gmail.com.  
<sup>2</sup> DST Foundation, Bulgaria, Sofia.

using multiple dilutions when present presence of at least one of its molecules in the used volume it becomes unlikely. This phenomenon is explained the ability of water to retain the memory of properties, and means about the activity of the substance that was present in it, but then could be 'washed' in as a result of multiple dilutions. This way ness was called 'the memory of water', and this phrase became an outcast of official science, despite the fact that that at present the corresponding phenomenon is experimental

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riologically confirmed also by representatives of academic science.

Modern homeopathy has gone far from rather philosophical than experimental scientific justification its effectiveness. She implements and improves instrumental methods of diagnostics and treatment. Topics however, homeopathy cannot satisfy strict other requirements of generally accepted medical science. AND not only medical science, it does not agree well with fundamental scientific understanding of the physical nature of the natural world.

The authors of this article do not intend to protect homeopathy from criticism. It is important for us to pay attention to encouraging readers to discover the scientists who created a new direction of pharmacy - infoceutics, techno the logic of obtaining original dosage forms, using the phenomenon of 'memory of water'.

So, the famous French immunologist Jacques Benveniste (Jacques Benveniste, 1935 - 2004) (Fig. 2) decided check on immunological reactions reliable ness of the phenomenon of 'memory of water', a supporter of which at the time he was not. The experiment was performed using one of the immunological reactions, which most of them have a very high sensitivity specificity and specificity. Such reactions are not can be caused by some random factor. It turned out that after multiple dilutions, the creation of antibodies responsible for allergic reactions, with the probable absence of at least one molecule, such liquid causes allergy-specific degranulation of blood cells. The results were impressive they were published (1988) in the most authoritative ate scientific journal Nature. And soon followed a flurry of sharp criticism, commissions were created, the result whose tats either confirmed or denied the presence the claimed effect. One of the conclusions was that a negative result occurs when, in the experiment, Benveniste's supporters or although would be present at the same time. Supporters of J. Benveniste fairly parried with a symmetric argument, that the negative result is due to the participation

Fig. 2. Jacques Benveniste.

excited the corresponding electromagnetic field in the second, the receiving coil. If there was test tube with water, then the water became the carrier of the special a digital signal, that is, it began to possess a 'memory' about him. Such water, when added to the suspension, is trophils caused the observed under the microscope activation of these cells.

The success of this experiment should be recognized as impressive in spite of the fact that it was based on provisions that had few supporters. When lack of physical means of control by the organizer ry experience almost intuitively admitted the ability substances to produce transmitted over a distance some radiation, as well as the ability of water to reproduce lead their effects on biological ects in the form of reactions corresponding to the initial sample of the drug.

In subsequent experiments, J. Benveniste and coworkers

skeptics. Benveniste did not admit the fallacy of his their experiments and continued to work by creating an apparatus ry and computer technology for experiments with 'memory of water'.

In one of the first experiments in 2000, Benveniste relied on the assumption existing in the literature knowledge of the ability of chemicals to produce ultra-weak electromagnetic (or other nature) radiation, which are capable of affecting the body. A simple design device was used. a unit consisting of two electromagnetic coils, connected by a signal amplifier. Into the first reel (solenoid) placed a test tube with phorbol solution myristate acetate, a known activator of such adhesives blood flow like neutrophils. Ultra-weak signal, he-unreachable, as expected by the drug, perceived was taken with the first coil, passed through the amplifier and

used the rapidly developing computer technology logic. The analog signal was digitized (coding), which made it possible, using the example of a number of biological use of physically active substances personal computers and communication lines, telephone or Internet, for intercontinental transmission and playback specific activity of drugs on biological sky objects. The effectiveness of the developed methods dik has been tested on a number of biologically active substances, for example acetylcholine, histamine, ovalbumin, etc. Despite the fact that the effectiveness this technology has been confirmed by a number of independent scientists using the example of hormones and antibiotics, it was not recognized by academic science. Noticed that in distrust, in non-recognition of reality, the phenomena involved here involve most people at the first meeting with them. Meanwhile, no one

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is not embarrassed by the opportunity to talk on the phone, listen to music recordings, transfer them even to space. Moreover, some of them can cause we have violent (sometimes even fatal) physiological logical reactions. But before such technical capabilities, sound communication directly carried out by vibration of voice ligaments and resonance of the hearing aid. A conductor served the air or surrounding objects. Is such a comparison valid? In our opinion, stimulus, since the technology of obtaining infoceuticals uses almost the same technical devices state, as well as modern sound recording technology. Su-the important difference is that the results of the sound recording and transmissions over a distance are easily checked by our sense organs, the effectiveness of infoceuticals is assessed is caused by the reactions of the body and is explained by the hypothesis about the caused resonance of their signal with biochemical structures of the body.

The baton of further implementation of these technologies Guy continued by respected molecular biologist Luc Montagnier (1934) (Fig. 3), winner of the 1998 Nobel Prize for the discovery study with colleagues of the nature of the retrovirus immunodeficiency human cyt. Being a supporter of J. Benveniste and using almost the same devices, L. Montagnier found that highly dilute DNA solutions (deoxyribonucleic acid) of some bacteria rium and viruses are sources of electromagnet-radiation in the range of several hundred hertz up to several kilohertz. If such a signal is transmitted via the Internet and influence them on the solution is necessary necessary DNA precursors and auxiliary components, then DNA reconstruction will be performed,

Fig. 3. Luc Montagnier.

researchers, radiophysicist M. Grinshtein and a doctor M. Shraibman. Like their predecessors, they are co-quite intuitively assumed that the substances, the electromagnetic signal can be transfer of simple manipulations in analog form via communication lines, including the Internet. This is co-gave certain advantages - not required additional gadgets.

Development and testing of training technology,

called polymerase chain reaction (PCR), where the role of a molecular DNA sample is played by a signal with radiation. Essentially, as supporters believe L. Montagnier, a quantum teleport was carried out DNA, the most important carrier of genetic information. This result was even more revolutionary, than received by J. Benveniste. Since secondary the carrier of the signals was water, then a hypothesis arose on the participation of the aquatic environment, the content of which in life in organisms can exceed 70%, in storage and transfer of genetic information. This hypothesis is not found recognition by the scientific community and has not yet implemented in special studies.

The results of L. Montagnier's experiments, as well as the results of J. Benveniste were called orthodox scientific world as pseudoscientific and charlatansky. Currently for further research L. Montagnier provided a laboratory in China.

Despite the rejection of the scientific community ideas about the ability of water to 'memorize' effectively the vector properties of molecular signals are different drugs, studying the possibilities of their practical use continued. The new motive nickname based on empirical experiments of Russian

storage and transmission of electromagnetic frequency signals that reproduce the properties of biological of active substances, carried out by the joint DST Foundation is an international group of enthusiasts, women, physicists, biologists and medical practitioners, which included the authors of this article. As a result, there was an original technology was created, designated as IC-medicines. Electromagnetic frequency signals le-drugs that can be transferred through communication lines and capable of reproducing in water their specific activity, began to be designated as information copies or infoceuticals.

Over the past seven years, the effectiveness of the application information created by the specialists of the DST copies of 60 preparations were tested for patients with various diseases. Done more than 5000 observations, in the absolute majority of some positive results were recorded at almost complete absence of negative effects.

In addition to research on the effectiveness of infoceuticals on volunteer patients, tests were carried out and on laboratory animals. Such tests usually precede clinical and are obligatory the most important stage in the creation of a new drug

conditions, since they allow, under standard conditions, You can objectively find out the consequences of its application. Generalized analysis of the results of clinical observations deny and laboratory tests on animals indicates that spectral information copies of a number of substances reproduce practically the same effects as their chemical samples, regardless whether they are obtained locally at the workplace or remotely via the Internet.

The most demonstrative, in our opinion, are data on reproduction in animals directly opposite effects - immunostimulating or immunosuppressive activity of information copies of Arbidol (Umifenovir) preparations or dexamethasone, respectively. This the result is important in that it refutes the arguments of the skeptics, which often claim that pharmacological the technical efficiency of information copies is not is digital, since the stimulating effect on the biological nonspecific targets may be due to nonspecific skim action of electromagnetic radiation, resistance leading the procedure for obtaining information copies.

With regard to the phenomena considered here, it has - there are many reasons for fair doubts that due to the lack of clarity of the mechanisms of excitation definitions of specific for biologically active substances

Fig. 4. Albert Einstein.

We hope that at least part of the the above questions will receive answers in the future, when to the problems of information pharmacology will attract worthy attention to the fundamental

radiation, lack of understanding of the mechanisms transferring them to water. Explanation of the 'memory of water' form-by forming associates speculatively, experimentally poorly substantiated, as well as hypotheses about the possibility of special to digitally influence biological targets using electromagnetic or other fields. Despite the knowledge a significant amount of medicinal substances, per based on which active infoceuticals have been obtained, while the relationship between the chemical structure of a substance has not yet been clarified with its activity in the form of infoceuticals. Available our data indicate that copying vaniya (extraction of frequency spectral copies) drugs related to very different classes of chemicals from high co-molecular peptides to relatively uncomplicated molecules.

Our materialistic mind is poorly reconciled with the assertion expectation that the pharmacological effect can be implemented in the absence of drug molecules substances. In this we found support in the formulation created in 1920 by Albert Einstein (Albert Einstein, 1879-1955) (Fig. 4) thesis: 'Matter and radiation reading, according to the special theory of relativity, are only special forms of energy that distribute lonely in space; thus a weighty mass loses its special position and is only a special a form of energy'. This thesis justifies the assumption knowledge about the implementation of the biological effect of medicinal substance not only in molecular form, but also in the form of energy fields, radiation, capable of reproduce a specific action.

Noah science. Now we have the right to assert that there is a significant number of experimental reproducible facts demonstrating the ness with the help of electromagnetic manipulation pre-form pharmaceuticals from molecular ular forms into new dosage forms in the form of de frequency information copies transmitted long distance and capable of reproducing pharmacological activity in aqueous media.

And now it is appropriate to recall what was mentioned above in connection with homeopathy the concept of 'memory of water'. Taking into account a volume of facts presented here about Infoceuticals and new technologies, this concept is completely sound different from homeopathy - water may not only to 'remember' the effector properties of that substance, which was once dissolved in it, and then 'washed out-then', but also to perceive without the participation of drug molecules a ready-to-implement 'instruction' for influencing biological objects. Moreover, such an instruction, like any information, you can transfer modern communication means at any distance. Figuratively speaking, the water is 'trained' and for a while she becomes the bearer of the potential of a specific efficiency. As established experimentally, duration of contact required for 'learning' with the carrier of the signal corresponding to the preparation puts 30-40 minutes. Specific activity of water, passed the 'training', in our conditions remained within 2-3 days.

In the information considered here, there are prospects in the fact that in the near future, along with the traditional

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local pharmacies offering a large list of various drugs in the drugs we are used to physical forms, virtual pharmacies will also appear sites offering information copies of medicinal infoceutical substances (the name may be otherwise). A doctor or patient, contacting such an will receive it on your personal computer or smartphone, drug-specific file signal, which will give water or other liquid sti pharmacological activity. Actually, such drugstore sites in an experimental form have already been created by the efforts of the DST Foundation specialists.

With such simplicity of IC Medicals technology and manliness of implementation in medical (and not only) practice on this path there are serious obstacles consequences. And this is not only a lack of fundamental knowledge. One of the most significant, in our opinion - this is our imagination, which does not put up with the fact that the chemical molecules of the drug

rat can be replaced by radiations that do not have material mass. This means that there are still great work.

The facts discussed in more detail here set out in the special literature:

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