

Man is a Part of the Universe

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Abstract

“The universe is a living organism, because new stars are born every day,” Viktor Ambartsumian said on one occasion. The planet Earth as part of the Cosmic system is also a living system. Ancient philosophers spoke about this as they saw the world in the interactions and connections present in it. Later it was confirmed among others by J. Bruno, G. Newton, A. Shirakatsi. Currently, this idea is being confirmed by various scientific studies. In works of V.I. Vernadsky, P.A. Florensky, A.L. Chijevski and Kozirev, living matter is seen as a living cosmic entity, where everything is united not only in terms of the universal connection of objects and phenomena, but also in terms of their interdependence and interconnectedness, as in the living systems.

Keywords: *The Universe, Man, Acupuncture Points, The Biofield, Vibration, The Biosphere.*

1. Introduction

The English chemist J. Lovelock (1919-2022) considered the disequilibrium found in the Earth's atmosphere as a characteristic of life and at the end of the 20th century together with American microbiologist L. Margulis, based on the theory of biosphere, ecology, and coevolution, proposed the Gaia-Earth hypothesis according to which planet Earth is a living system capable of maintaining the chemical composition of the atmosphere and thus the stability of favorable conditions for life (Lovelock, 1987). The Earth as a living system has its components or subsystems: the atmosphere, hydrosphere, pedosphere, biosphere, and intelligence sphere, which is called a noosphere. These spheres are interconnected. What is the place and role of man in this unified and interconnected system? This is the question that has touched all philosophers. Florensky P.A. (1882-1943) wrote in his work “Macrocosm and Microcosm”: *“In various ways, thought comes to the ideal similarity of the world and man, their interpenetration and their real connection... Everything that surrounds us is a body, a continuation of our body, the totality of our additional organs. Man is a shortened concept of the world.”*

2. The Connection between Man and the Universe

All works of the famous scientist Vernadsky V.I. (1863-1945) are imbued with the idea of the unity of Earth, Man, and the Universe (Vernadsky, 1944). Sadly, in our day, man does not see his union with the world that surrounds him. Nowadays, a person is usually perceived as an organism composed of various organ systems (respiratory, digestive, blood, cardiovascular, nervous, etc.), whose life depends on the normal functioning of these systems. When the functioning of any system is disrupted due to internal or external factors, functional disorders occur throughout the body. The body becomes ill, the treatment of which is mainly pharmacological. However, Eastern traditional medicine has a different approach to the connection between Man and the Universe and looks for the cause of many diseases elsewhere. It is known that the body receives the energy necessary for life through adenosine triphosphate (ATP) bonds, which is synthesized in the mitochondria of the cells. However, this energy

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is not enough for normal functioning of the body. An additional energy is needed that penetrates the body through the atmosphere. In Indian medicine, this energy is “prana”, and “qi” in Chinese.

Korean scientists have discovered that there are microscopic tubes filled with fluid that extend to the skin. There are more than 6,000 points (acupuncture points) through which vital energy in the atmosphere penetrates the body. That is, our skin is the connecting link between a man and the universe (Figure 1 a). That energy is a flow of protons and electrons penetrating the Earth. **Pythagoras** represents this as the breathing of the Earth. *“From the farthest heights of heaven, the universal spirit, the inexhaustible source of light and fire, constantly pours down, which, passing through all celestial spheres and being thus compressed, constantly flows towards the earth. This is inhalation. There is a similar influence from the center of Fire, the Sun. An emanation constantly rises from the earth, striving to clean itself of accumulated dirt. This is exhalation”* (Asmus, 1965).

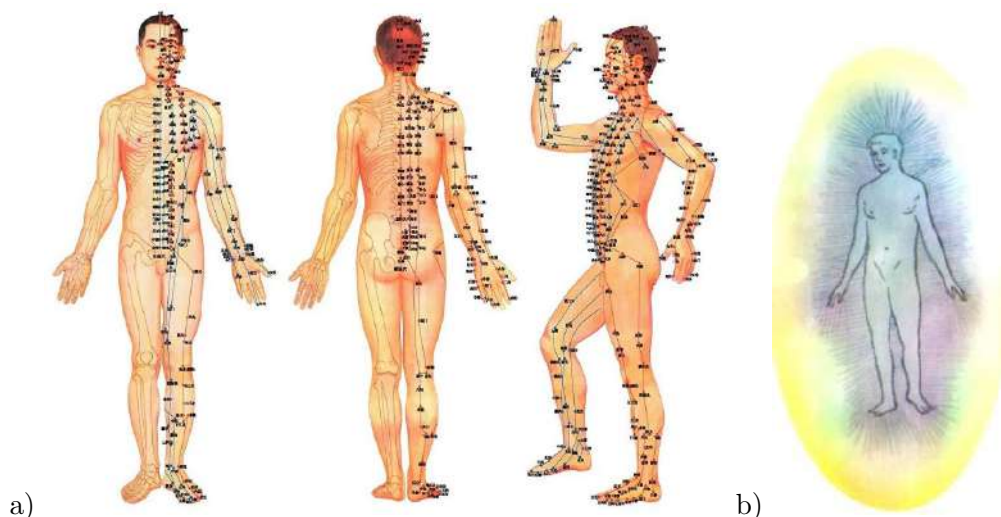


Figure 1. a) Acupuncture Points; b) Human Biofield.

Earth takes the first deep and long breath at sunrise, absorbing the cosmic energy. This vital energy from the atmosphere penetrates the body through the biologically active points of the skin and reaches the corresponding internal organs. However, these points, mainly due to a person's poor diet, can become blocked, which deprives the organs of energy, disrupts the biochemical reactions that take place there, and causes functional disorders. Blockages in these points are cleared through acupuncture. A living organism is a set of billions of cells, tissues, organs, and physiological systems, a unified energy system that includes the energy potential of each cell. It is a subtle pulsation /vibration/ at the level of cells, which is in harmony with the invisible and immeasurable pulsation of the universe.

3. The Human Life Field

In fact, a person is not only a visible physical body, but also surrounded by a biofield that is invisible to the eye, which surrounds this body and extends up to a few centimeters from the surface of the body. The biofield has a certain wave structure, the physical nature of which has not yet been clarified (Figure 1 b). Eastern medicine believes that deviations in the biofield are a disruption of the organism's connection with the universe. The concepts of the energy field of the human body and its connection with the Universe have been known to mankind for a long time. Currently, scientists around the world do not deny the existence of the biofield, moreover, they can record it with the help of a special device, the bioscope (Figure 2 a,b,c), which was created by Armenian scientists.

The mechanism of treating a patient with chemical drugs and herbs is understandable: the chemical compounds included in the composition of the pill or herb are involved in the metabolic processes of the body, correcting the disorders in them, but the mechanisms of the healing effect of music, smells, colors, poetry, and prayer are unclear.

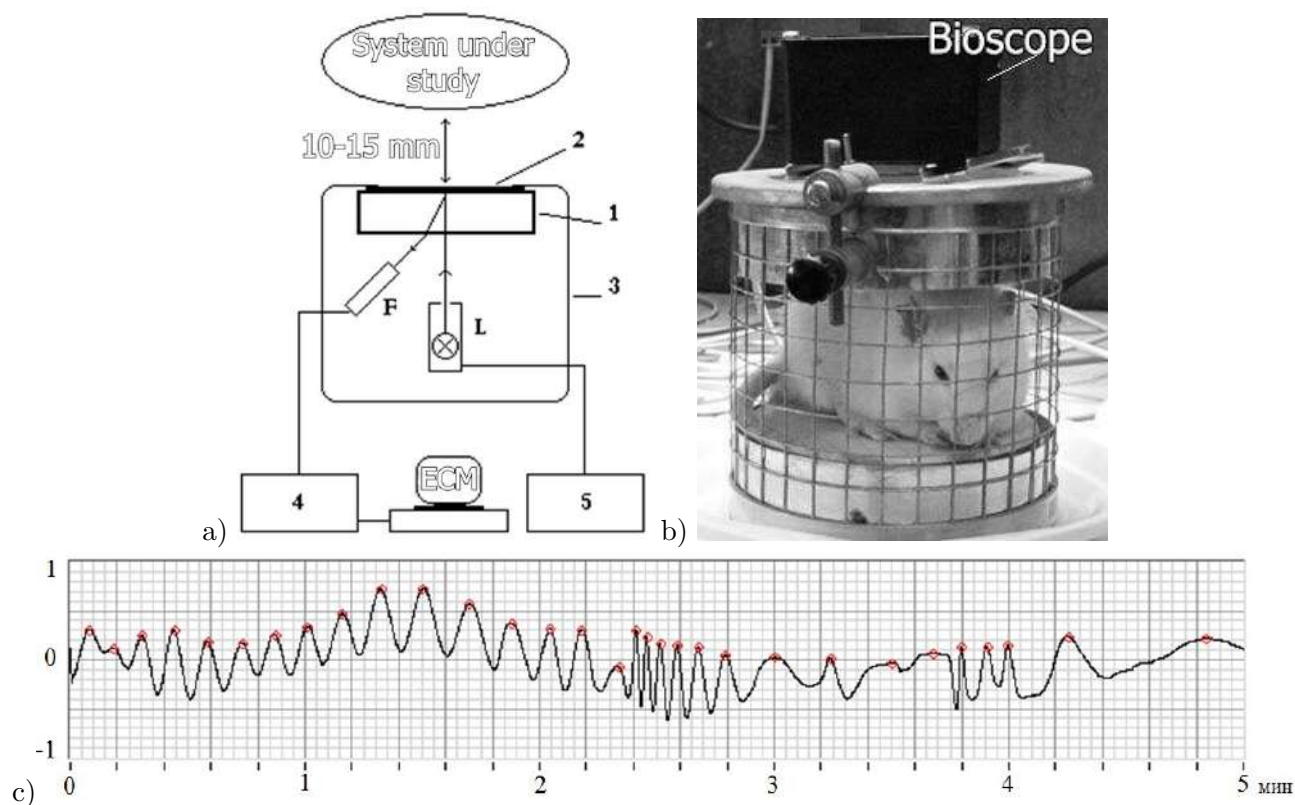


Figure 2. Bioscope in use: a) structure of bioscope; b) contactless registration of animal biofield, c) recorded bioscope reading.

4. Alternative Medicine Remedies

The 18th century English doctor and philosopher D. Hartley's (1705-1757) vibrational theory gives us a key to exploring these mechanisms (Chisholm, 1911). If we look at human health from the point of view of vibrations, then it can be said that disease is a consequence of the disruption or lack of normal interactions between a man and the universe. And how should the normal relationship between man and the universe be maintained?

Eastern medicine considers the human body as a miniature of the universe, where balance is ensured by complementary forces. It believes that the human body is inextricably linked to the surrounding nature, the geochemical elements of the Earth, and the geophysical phenomena of the Universe. The interaction and harmonious relationship of these factors ensure the balance and stability of the human adaptive systems and his mental, physical, social, and moral health. Disruption of this harmony with the universe causes functional disorders. In order to restore this connection and to correct deviations in the biofield, alternative remedies are used in psychotherapy such as music therapy, color therapy, aromatherapy, art therapy, narektherapy, which is use of the writings of St. Narek in therapy. Proponents of this method believe that classical music is in harmony with the human biofield and helps to restore the broken Universe-Man connection. That is, the author of that music /Bach, Mozart, Terterian/ becomes a mediator to restore the broken connection between the Universe and Man. Narekatsi's "Book of Tragedy" prayer book (Narekatsi, 1979), which is a conversation with God from the depths of the author's heart. Narekatsi received the answer to his prayer in the form of cosmic vibrations, ups and downs, which he transferred to parchment or paper in the form of words. When reading or listening to that book, these vibrations are transmitted to the listener, correcting the distortions in his biofield. The best proof of this is the healing of foreigners who do not understand that language due to narektherapy.

5. The Sphere of Earth's Intelligence

Man's connection with the universe becomes evident and more convincing in his relationship with the Earth's sphere of intelligence. V. Vernadsky and his followers, through a systematic analysis of the development of the biosphere, created the informational, physical, and biological foundations of the environment and its interaction with man. They assumed that in the cosmic functional system, as in the functional systems of the vital processes of different levels of the universe, in addition to matter and energy, there is an information factor, the so-called Cosmic Intelligence. By Cosmic Intelligence, they mean the Earth's energy-information field, which represents an encyclopedia of knowledge about living and inanimate nature. Moreover, they note that *"our consciousness is connected to cosmic intelligence and any deviation in human psychology can cause new large-scale disasters on Earth through the Universe."* (Vernadsky, 1944).

Accepting the systemic structure of the world around us, the Russian Academician V. P. Kaznacheev believes that *"...the task of man is to develop and enrich higher systems, but to develop them at the informational and spiritual levels in order to create new cosmic systems. And man creates it without realizing it. Figuratively speaking, a universal global cosmic "brain" is created, which can be considered the brain of the Universe-organism"* (Kaznacheev, 1997).

The Earth's energy-information field, or Cosmic Intelligence, was named the "Noosphere" (from the Greek noesis - intelligence) by the French philosopher Edouard Leroy (1870-1954) in 1927. He called the noosphere the sphere of the Earth's membranes that includes human society with its industry, language, and other types of intellectual activity. This concept was later developed by Pierre Teilhard de Chardin (1881-1955) in his book "The Phenomenon of Man" (Teilhard, 1965). According to him, the noosphere is a collective consciousness that will begin to control the direction of the planet's development... Although the noosphere as a sphere of intelligence, according to T. Chardin, was formed at the beginning of the formation of humanity, at the end of the Tertiary period, awareness of its existence was formed only recently, in the 20th century. In the matter of changing the current face of humanity on Earth, progressive people began to attach importance to the role of the sphere of intelligence on Earth.

Recognizing that the noosphere is the information field of the planet created by the collective consciousness of humanity, V. Vernadsky supplemented this concept with his own ideas. For him, the noosphere is a natural stage in the development of the biosphere, during which human intelligence becomes a planetary force and which, taking into account the laws of the biosphere, can transform the face of the Earth in accordance with human needs. *"The noosphere,"* writes Vernadsky (1944), *"is a state in which human reason and the work regulated by it should manifest itself as an unprecedented geological force... The new state of life, prepared for millennia, which utopians dreamed of, will become a reality when wars, that is, organized murders, when hunger and malnutrition can be relatively quickly eliminated from our planet. To a certain extent, this depends on each of us. We must understand and realize this"*. V. Vernadsky considers the noosphere to be a space that unites humanity, where the interests of countries and peoples, nature and society, scientific energy and civilization are combined. By noosphere, he meant not something outside the biosphere, but a new sphere of its development. According to him, the noosphere is moral thought embodied in science and technology. V. Vernadsky develops the optimistic assertion that not only science, but also the moral ideas that unite humanity, play a decisive role in the process of transition from the biosphere to the sphere of reason (Vernadsky, 1944).

Academician Kaznacheev (1997) writes: *"The common consciousness of all people (perhaps not only people, but also all living elements of the biosphere) constitutes the intelligence of the planet. That is, our planet should be considered as a living cosmic formation, endowed with the obligatory characteristic of cosmic formations, intelligence."*

The existence of cosmic intelligence is scientifically substantiated in Hovhannes Davtyan's (1911-1990) "Fundamental Field Theory" (Davtyan, 1995). According to this theory, the material mass of the Universe is completely enveloped by a geonic mass, which has the appearance of a giant crown - a "white halo". The geonic corona of each of the many galaxies is in a dynamic interaction with the geonic coronas of other galaxies. The geonic system of the Universe is the totality of an infinite number of information fields. This system receives and stores information about absolutely all processes that

take place in our world. That is, as H. Davtyan (1995) notes, “the thinking of the geonic system can be formed, as in the human brain. These ideas indicate that, most likely, the geonic systems of all metagalaxies taken together can be considered as some kind of natural, comprehensive, self-governing system, endowed with infinite memory, and, therefore, extremely great intelligence.”

According to H. Davtyan (1995), “the geonic crown, a superpowerful source of information, is truly an information field, under the influence of which the development and evolution of human scientific cognition and discovery processes in the plant and animal world, as well as in the scientific, technical, philosophical and ethical spheres, are carried out. It is important to note that the entire picture of the cognition and thinking of the human brain becomes “instantaneously” accessible to the infinite brain, the halo of the Universe. The perception, storage, and processing of information correspond to mental processes such as perception, recognition, memory, imagination, and imagination. Thinking of the geonic system can be formed as in the human brain. Most likely, the geonic systems of all metagalaxies, taken together, can be viewed as some kind of natural, comprehensive, self-governing system, endowed with infinite memory and, consequently, extremely great intelligence”.

This scientifically proves the claims of scientists that the Earth is also a rational system that governs the activities of humanity. According to scientists, the basis of this governance is the laws of geopsychology - the management of people at the subconscious level. It is in this way that sometimes self-destruction instructions reach people’s subconscious, wars are provoked, or microorganisms that cause deadly diseases appear, and natural disasters fraught with devastating consequences for humanity. All this is a manifestation of the Earth’s self-defense processes, its irritability in response to the short-sighted activities of man. Man mercilessly destroys nature, depriving it of its green cover, polluting air and water basins, excavating its subsoil, poisoning the soil with chemicals, inciting wars, and damaging the Earth’s protective layers through space flights. As a result, the homeostasis of planet Earth is disrupted. It responds to all this with a violent reaction: earthquakes, volcanoes, floods, epidemics, which are nothing more than manifestations of the self-defense reflexes of the Universe and, in particular, of planet Earth, which are carried out through the reflex axis “Humanity - Cosmic Intelligence - Earth”.

In summary, the Earth, with its structure and components, is a complete living organism, with all the systems specific to organisms, including intelligence. As a living organism, it is very sensitive to all the processes taking place in the Universe and on it, and shows certain manifestations towards them, especially towards human activity. Judging by these manifestations, it can be said that this organism is seriously ill. The symptoms of the disease are alarming, as they are very intense: earthquakes, storms, floods, and famines. All this is becoming more and more acute as a result of interethnic conflicts and wars, and man-made disasters taking place in different regions of the Earth. And the main culprit in all this is man, who, while being part of the Universe, does not feel any responsibility for its well-being. The reason for this is the lack of appropriate knowledge and ecological education at a young age.

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