

Creation of life in the Model of the Universe with Minimum Initial Entropy

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Abstract: In the article, based on the consideration of information about life on Earth and in the Universe, as well as using different models of the creation of the Universe, it is shown that the Standard Model of the birth of the Universe cannot adequately explain either the creation of the Universe or the creation of life on Earth and in the Universe. Using the example of a computer, the principle of which is copied from the functional activity of a living organism, it is shown that the life of a cell is impossible without the presence of a program, even if it is possible to synthesize all the constituent elements of the cell. On the other hand, the model of the creation of the Universe with minimum initial entropy assumes that our Universe is a constituent part of the Super-Universe, one of the layers of stratified space. There are only four such layers: zero-dimensional space through which the Scalar Field enters, which carries the fundamental code, one-dimensional space, two-dimensional space, and our three-dimensional space. The Scalar Field is responsible for the creation of particles in all spaces and for the mass of particles, and also provides interaction between them (strong, weak, electromagnetic and gravitational). It fills the space with particles (bineutrons) in the vicinity of existing particles at a constant speed. In addition, the Scalar Field carries the program of creating life in the Universe and, in particular, on Earth. It sets the program of vital activity of individual cells and organs in the plant and animal world. Having a hierarchical structure, the Scalar Field is constantly present in cells, organs and the body. The created diversity of life on Earth ensures the waste-free activity of all living things through the ideal cycle of substances. Thus, all living organisms make up "the only living organism on Earth." Each organism has a physical and field component. In the Universe there are also living bodies that have a field form. The presence of antientropic processes in stars and planets indicates that they represent a special type of living objects, as constituent units of the living Universe. The carrier of their consciousness is the Scalar Field according to its hierarchical structure. In addition, the hierarchical structure of the Scalar Field provides consciousness in all physical bodies at a low level.

Keywords: Scalar Field, universal code, model of creation of the Universe, life program, consciousness, types of living bodies.

1. INTRODUCTION

Life in the Universe. Scientists are making a lot of efforts to search for life in the Universe. However, these searches are limited to the search for intelligent life on planets in the solar system and in other planetary systems. At the same time, they are practically not interested in other forms of life and other manifestations of consciousness. In fact, people are not yet ready for such searches, because they have not yet learned about life on Earth. This is evidenced by the activity of people, which does not stimulate the development of life, but, on the contrary, does everything to destroy it.

To illuminate the problem of life in the Universe, it is necessary, first of all, to proceed from the model of the creation and development of the Universe. Then you need to use the Law of Unity and the Law of Similarity in the Universe. The action of these laws is easy to trace on Earth, and then extend them to the Universe.

The law of unity manifests itself in many ways. In particular, this law is manifested in the action of the same physical laws in different star systems, the same chemical elements that appear in the radiation spectra of all stars in the Universe, as well as in the same cell structures in all living organisms from microbes to humans. If the cell structure of microbes, plants and animals, including

humans, were different, then it would be impossible to create waste-free production, and it would be impossible to consume food safely. Therefore, the cells of all living organisms contain DNA, RNA, enzymes, etc.

It is known that the Universe has a hierarchical structure, which determines the fulfillment of the Law of Similarity [1]. Moreover, in [1] the principle of hierarchical similarity was considered as a new fundamental law of physics. In this regard, modern research shows that the large-scale structure of the Universe is similar to the neural structure of the human brain [2, 3].

We will use this information in modeling the processes of creating life in the Universe.

What conclusions about the creation of life does the Standard Model of the creation of the Universe lead to? It is easy to understand that such a model requires life to arise from non-living matter. That is why the theory of evolution appeared in this materialistic world. However, all attempts to prove the theory of evolution proved futile. The reason is simple and understandable with an unbiased attitude to the mechanism of life creation. It is necessary to understand that the life of the cell and the whole organism is impossible without the presence of the appropriate program. It is the presence of the program that ensures the economic efficiency of the vital activity of a living organism. In addition, the vital activity program ensures the stability of a living organism, creating a hierarchical structure in it. And from this it is easy to understand why there are no normal chemical reactions in the human body, but biochemical reactions take place instead. With this approach, it is easy to understand why evolutionists have not succeeded and will never succeed in creating a living organism through ordinary chemical reactions, without investing in it a program of vital activity.

To date, there is no single accepted definition of the concept of Life. . Today, the controversy between creationists and evolutionists continues, the essence of which lies in the contradictions between the visions of the origin, development and essence of life.

In the scientific world, life is defined as follows [4].

From the point of view of biophysics, a living object differs from an inanimate one in that it is able to exchange heat and matter with the environment. Hence, life is a phenomenon that is characteristic of open systems that are capable of spontaneously reducing their own internal entropy at the expense of substances or free energy obtained from the environment and then released in the form of life products.

The biological definition of life (Biota [5]) is a phenomenon that is a set of fundamental general biological features (metabolism, homeostasis, growth, development, response to irritation, reproduction, evolution, etc.) that characterize living beings, distinguishing them from inanimate objects. Life is defined as a form of existence of matter, the most characteristic features of which are metabolism, self-renewal and self-reproduction. On the other hand, life is a form of existence of effective instructions for the organization of matter. If the instructions are followed, then this process is called vital activity. Life is not necessarily characterized by metabolism, homeostasis, growth, development, etc. at a specific stage of existence. Frozen organisms, viruses outside the cells, seeds before germination do not have these properties, but must have instructions to be carried out under favorable conditions.

For further consideration of life in the Universe, let's pay attention to the desire of living organisms for the stability of their existence when the conditions of interaction with the environment change.

Let's take as a basis the fact that a living organism is capable of self-repair.

Life on Earth is spread in an insane variety. It exists in the air, on the surface of the Earth, in the soil, as well as in water bodies at any depth. And every representative of flora or fauna is needed on Earth to ensure ecological perfection. Such system life resembles zero-waste production. All the waste of some living organisms is consumed by other types of organisms. As a result, there is a cycle of substances (water, oxygen, nitrogen, carbon dioxide, etc.), which stabilizes the amount of relevant substances necessary for life.

This is the situation faced by people who seek to know how the Earth was created, how life on Earth arose, how to manage the Earth so as not to destroy it, etc.

As a result, many scientific schools have emerged, each of which develops its own vision of solving some of the problems listed above. A large number of publications appear in which scientists describe certain aspects of life, offering their own models. Unfortunately, there is practically no global approach to solving the problem. Therefore, it is easy to get lost in the stream of publications.

Sometimes this state of solving the problem of creating life suggests that certain forces on Earth are deliberately preventing it.

When considering all the great efforts aimed at understanding the mechanisms and processes of the emergence of life on Earth [6], one gets the impression that specialists do not have a unified approach to the specified problem. And this approach should be based on the mechanisms of creation and evolution of the Universe. Unfortunately, there is no such approach. It could be the Standard Model [7-11], or one of the alternative models, in particular, the model of creation and evolution of the Universe with minimum initial entropy (UMIE model), which is developed by the author of this article [12, 13]. As a result, until now there is no complete picture that could adequately describe the creation of the Earth and the emergence of life on it.

In this situation, the author set himself the task of describing the emergence and development of life on Earth and in the Universe, based on the model of UMIE.

2. CONDITIONS FOR THE CREATION OF LIFE IN THE STANDARD MODEL OF THE CREATION OF THE UNIVERSE

We are all aware of the great achievements of science. Scientific research has significantly expanded our knowledge about the Universe, about the Earth, about life on Earth. This was facilitated by scientific and technological progress, thanks to which powerful achievements in the field of quantum physics were obtained. At the same time, lasers and computers were created, which significantly changed our lives. It became possible to model processes that take place both in the Macrocosm and in the Microcosm. Astronomical research allowed us to significantly expand our knowledge about the structure of the Universe. At the same time, models are created and theories are developed that could explain the physical and astronomical phenomena we observe.

In the 20th century, astronomers realized that the Solar System is part of the Milky Way galaxy. Moreover, there are many galaxies in the Universe with fairly large distances between them. At the same time, it turned out that the distances between galaxies do not remain unchanged.

In 1929, based on observations of the emission spectra of galaxies, the American astronomer Edwin Hubble formulated a law: the speed of mutual distance of galaxies increases in proportion to the distance between them: $v = H \cdot r$. This law was called Hubble's law. The Hubble's constant is currently taken as $H = 73.8 \text{ km}/(\text{s} \cdot \text{Mpc})$ with small variations.

So, looking at the structure of the Universe in the past, scientists came to the conclusion that at a certain point in time the distance between galaxies was zero. Hence, it is concluded that our Universe was born through the Big Bang from a point object of fundamental size (from a singularity), in which energy was concentrated, characterized by a very high temperature ($\sim 10^{28} \text{ K}$ [14]). The initial entropy of such a Universe was extremely large ($S_0 = 10^{88} \text{ J/K}$ [15]). This energy is responsible for creating all the mass in the Universe. As the Universe expanded, the temperature decreased. At the same time, nucleons and electrons were born. The hydrogen and helium atoms that make up most stars were formed only a few hundred thousand years after the Big Bang. Another 1 billion years passed before the birth of the first star.

As a dissonance to such a conclusion made using the Standard Model, articles appear that claim that the authors of these articles observed large galaxies that were formed earlier than 500 million years after the birth of the Universe [16-18].

Such a model of the "hot" Universe was first put forward by G.A. Gamov and later named standard. Scientists consider the discovery of relic radiation in the mid-1960s of the 20th century to be a confirmation of this model. Scientists have calculated that if the Big Bang occurred approximately 14 billion years ago, the Universe should have cooled to a temperature of about three degrees Kelvin. Using radio telescopes, scientists have registered radio noises that correspond to a given temperature throughout the starry sky and consider them remnants of the Big Bang. Moreover, this radiation is perceived as a confirmation of the Standard Model, although it is clear that this model has no right to exist, as it contradicts the laws of physics [12].

Now let's consider how atoms are created in the Universe.

The study of the molecular composition of living organisms showed that the main chemical elements in the body are hydrogen, carbon, oxygen, nitrogen, calcium and phosphorus. However, other chemical elements (in particular, potassium, sodium, chlorine, iron, iodine) are part of living organisms, albeit in smaller quantities. For example, iron atoms are part of hemoglobin, without

which the blood will not be able to carry oxygen to all organs and remove carbon dioxide molecules. Therefore, it was necessary to understand where all the chemical elements found in the bowels of the Earth came from, most of which are present in the structure of a living organism.

The development of nuclear physics showed that at sufficiently high temperatures (from 10^7 to $1.5 \cdot 10^7$ K) it is possible for four protons to coalesce to form a helium nucleus. It is believed that such temperatures exist in the center of the Sun in a volume with a radius of $5 \cdot 10^4$ km [19], which is 1/14 of the Sun's radius. The creation of heavier cores (up to the Fe core) requires higher temperatures, which only exist in thermonuclear stars. However, the Sun's photosphere contains oxygen (0.77%), carbon (0.29%), iron (0.16%), neon (0.12%), nitrogen (0.09%), silicon (0.07 %) and other chemical elements [20], which should not be the case according to the Standard Model. In addition, fusion does not allow creating atomic nuclei heavier than an iron nucleus. To save the Standard Model, scientists suggested that heavy nuclei could be born in supernova explosions. Then the cloud of gas and dust created by the explosion of the star is used to form the planets. It is clear that during supernova explosions, the upper part of the star is thrown into space, represented mostly by light nuclei, which cannot synthesize heavy nuclei during the explosion of the star.

Therefore, the Standard Model of the creation of the Universe is unable to explain the source of the heavy chemical elements that make up the Earth and the bodies of living organisms.

Now let's look at the models of the creation of life on Earth. Official science considers it possible to create living organisms from inanimate elements of nature due to the coincidence of random processes and the presence of appropriate chemical elements. At the same time, they do not pay attention to the fact that there are no normal chemical processes in a living organism. Biochemical and enzymatic processes are used instead. At the same time, each chemical reaction uses its own specific enzyme, that is, a molecular catalyst configured for one reaction. To date, about two thousand such enzymes have been found. These are molecular protein structures with molecular weight from ten thousand to several million atomic units. To perform their specific functions, these molecules have a unique spatial structure. This is the first. And secondly, in a living cell, all processes are intelligently organized, there is no chaos. This contributes to the minimization of energy consumption for the functioning of the cell.

The fact of intelligent organization of processes in the cell is easy to understand. We know about the existence of bionics, a science that copies mechanisms and processes from living nature. So, by and large, the computer was also copied. It is clear that the computer will not be able to work without the supply of energy and without the presence of the program (fundamental code). Thus, returning to a living organism, one can understand that neither an organism nor a living cell can function without the supply of energy and the presence of a program. Using external sources of energy (food, sunlight) and available substances, a living organism synthesizes the ATP molecule, a molecular energy accumulator. Then the accumulated energy is used in the vital activity of the body.

If there was no program for the life of the cell, then all the enzymes in the full set would have to be produced in the nucleus of the cell. A decrease in the concentration of enzymes in a certain area of the cell would cause the diffusion of enzymes to that area to support vital processes. Therefore, the system would require too much energy. And living organisms function in such a way that they spend a minimum of energy. And this is possible only if there is a cell functioning program. In this case, a decrease in the concentration of enzymes in a certain area of the cell is accompanied by a signal to the cell nucleus, which causes the urgent production of the required enzyme and its directed transport to the required area of the cell.

In addition, the cell contains an ideal safety system for its vital activity, ensuring ideal copying of DNA and RNA, ideal order in the field of export and import of substances through the membrane, etc. Otherwise, neither a cell nor a multicellular organism could exist.

As for the presence of a program, there is an opinion that the entire program of a living cell and living organism is written in the structure of DNA, although it is known that the activity of DNA is almost completely limited to the production of protein molecules [21], that is, information is written in DNA that allows copying proteins and, in particular, enzymes and other molecular compounds necessary for the functioning of the body. There is no cell functioning program there. The presence of such a program in a cell distinguishes a living cell from a dead cell devoid of a program. Therefore, the assembly of a cell from individual molecules, which was planned in biological science, could only

lead to the creation of a dead cell, since it would not contain the program of its activity. And this program is much more complicated than all known computer programs.

The law is the birth of the living from the living (by lineage). This was proved experimentally in the 19th century by Louis Pasteur and other scientists. The emergence of the first living organism (unicellular or multicellular) from inanimate matter is a violation of this Law. Of course, official science considers it possible to create living organisms from inanimate elements of nature due to the coincidence of random processes; therefore it questions the existence of this law. However, the creation of the first cell and reproductive processes require different programs, without which the creation of life on Earth would be impossible.

Thus, the Standard Model of the creation of the Universe cannot explain the existence of a program for the functioning of a living organism, and therefore cannot explain the fact of the creation of a living organism on Earth and in the Universe.

3. CREATION OF LIFE IN THE UMIE MODEL

Now consider the creation of life in the model of the Universe with minimal initial entropy [12, 13].

First of all, let's briefly dwell on the description of the model. Let's take into account that the Universe was created almost 14 billion years ago, that is, the Universe had a beginning. Next, the whole scenario of the Standard Model must be removed, since the birth of a hot Universe from a singularity, which contains the energy responsible for the creation of all the mass in the Universe, must necessarily lead to the creation of matter inside a black hole [12,13], which does not exist in reality. Moreover, many other physical laws are not fulfilled in the Standard Model.

Of course, there are other models of creation of the Universe. A number of theories reject the Standard Model and believe that the Universe is infinite in time. Such models include, in particular, such models that take into account quantum processes when considering the gravitational interaction [22, 23].

In connection with the existence of the problem of the birth of the Universe, it is necessary to find out whether there was a beginning of its existence. In this connection, it is worth paying attention to the Bible. In this regard, atheistic propaganda has done a lot of damage to the process of learning about the Universe. A detailed study of the Bible shows that it does not contain myths, and its content is fully consistent with the latest achievements of science [24]. And the first thing worth paying attention to is the verse "In the beginning God created the heavens and the earth" from the book of Genesis 1:1. So, there was the beginning of the existence of the Universe! And then, it is necessary to describe the mechanisms of creation of the Universe as we see it.

In such a situation, the author created a new model of the birth of the Universe, which does not contradict physical laws [12, 13]. The model proposed by the author is based on the Laws of similarity and unity in the Universe.

In the new model, our Universe is a constituent part of the Super-Universe. In turn, the Super Universe is represented by a layered space containing four separate layers. At the same time, adjacent layers differ in the size of the space per unit. The three-dimensional space familiar to us (the four-dimensional (3+1) Universe, World-4) borders on the two-dimensional space of quarks (World-3). Similarly, the two-dimensional space borders on the one-dimensional space of dions (World-2), which turned out to be Planck particles. Finally, the one-dimensional space borders on the zero-dimensional space of the Scalar Field and Time (World-1). There is an information interaction between neighboring spaces through one delocalized point, which is set by the Scalar Field. The zero-dimensional space of the Scalar Field and Time can interact with other spaces and set the program for the development (evolution) of the Universe [25]. Therefore, the Scalar Field is the carrier of the fundamental code [25, 26], that is, the program for the creation and development of the Super-Universe and our Universe, as well as life in it. Thus, the program for creating life is contained in the field structure of a living organism, whose activity is provided by the Scalar Field. And indeed, the field structure of a living organism is recorded in experiments. The author of these lines participated in the study of the electromagnetic component of the human field, which is manifested with the help of electromagnetic field sensors around the human body.

Such a field is also registered using the well-known Kirlian effect [27].

The entire Super-Universe is created simultaneously. However, its filling with matter occurs gradually, starting from one-dimensional space. When a stationary concentration is reached in it, the

two-dimensional space begins to fill, and only later (after $3 \cdot 10^{-5}$ s) the three-dimensional space is filled with energy and particles. Through zero-dimensional space enters the Scalar Field, which carries information about all physical interactions and the ability to create matter and fields in all layers of the Super-Universe. It follows from this that the dimension of the multidimensional sphere, which corresponds to the dimension of the Scalar Field, should include all dimensions of one-dimensional, two-dimensional and three-dimensional spaces, that is, 12 spatial dimensions, as well as time and information dimensions [12, 13].

All layers of the Super Universe are filled with energy at the same rate. In this case, in one-dimensional space the concentration of particles remains constant, in two-dimensional space it decreases inversely proportional to the time of existence of the Super-Universe, and in our three-dimensional space – inversely proportional to the square of the time of existence of the Super-Universe.

The Universe is expanding at the speed of light and is constantly being filled with vacuum particles. Such a situation is set by the information dimension, which simultaneously introduces the fundamental code to the Scalar Field. Before starting to fill the three-dimensional space, the information dimension contributes additional information to the Scalar Field, which ensures the creation of life in the Universe, that is, expands the powers of the fundamental code.

One of the properties of the Scalar Field is its ability to directly create particles of matter in all spaces of the stratified Super-Universe, both by exciting vacuum particles and in the vicinity of existing particles of matter. This distinguishes it from a vector electromagnetic field, which can create a pair of particles under certain conditions -antiparticle. Since there are no charges in World-1, the created matter must be electrically neutral. And this means that in World-4, the Scalar Field will create only clusters of neutrons, which are characterized by zero values of charge, spin, etc.

The energy of the Scalar Field enters our Universe at a constant rate equivalent to 5000 solar masses per second [12, 13]. Therefore, at first, only heavy atomic nuclei will be created at zero temperature (minimum entropy). Then, due to the flow of radioactive processes, heavy nuclei will split, creating all possible atomic nuclei that we meet on Earth today. At the same time, radioactive processes will heat matter, creating hot stars and planets with a hot central core [28, 29].

Thus, World-4 will initially expand without matter in it except for filled vacuum states [25, 26]. Matter (a complete set of fermions and bosons at once) will appear only when its initial density does not exceed the density of nuclear matter.

The Scalar Field is also responsible for the presence of mass in elementary particles. At the same time, it is present near every elementary particle. It provides the process of annihilation of the particle-antiparticle pair, creating a vacuum particle in which all quantum numbers (including mass) are equal to zero [25, 26].

Considering the Law of Unity as the Supreme Law of the Universe, we must assume that the Scalar Field senses, controls and directs all processes in the creation of World-4. Let us emphasize once again that the Scalar Field has sufficient energy, information and the Program for the creation of the material world and the World of the Living, that is, our Universe.

Based on the Law of Similarities, in order to solve the problem, we will compare the stages of birth and development (evolution) of the Universe with the stages of intrauterine development of a child.

First of all, in order to start the intrauterine development of a child, it is necessary to fertilize a female egg with a sperm. Then there is a time of relaxation until the creation of a full-fledged cell ready for reproduction. In order to start the process of cell reproduction, it is necessary to receive information about the beginning of cell division. This information must come from the outside.

The first cell receives energy and a program necessary for cell reproduction and body development. The construction of the organism occurs in accordance with the hierarchical law [12, 13], that is, fibers (one-dimensional objects) are formed first, then tissues (two-dimensional objects) and three-dimensional objects. Since three-dimensional objects are functional, before they are created, additional information (program) about the creation of these objects and their future activity must come. Thus, the created three-dimensional objects immediately begin functional activity depending on the purpose of the organ. In accordance with the hierarchy of the organism, the creation of three-dimensional objects occurs in the following sequence: the creations of a monofunctional organ (lobes), then the lobules are combined into a multifunctional organ (liver, kidneys, etc.). In turn,

multifunctional organs are combined into systems (nutritional, metabolic, circulatory, nervous, protective, immune, etc.). All systems form the body. And already during the intrauterine development of the child, its organs fully perform their functions.

When a child is born, new information is received, which ensures the autonomous life of the new organism and its preparation for the next reproduction (the fourth type of program is introduced). In this way, a complete cycle is completed, which can be repeated as long as there is life on Earth.

It is clear that in the case of unicellular organisms, only the program for the creation of the cell, its functioning and reproduction is received.

Now we detail the creation and activity of a cell, organ, and organism. We have already drawn attention to the fact that the Scalar Field is responsible for the creation of the mass of elementary particles and matter as a whole, for the interaction (strong, weak, electromagnetic, and gravitational) between parts of matter both in the Microcosm and in the Macrocosm, for the creation and functioning of life. So, to every living cell, every organ, and every organism, the Scalar Field introduces the program of their vital activity. The Scalar Field, which is constantly present in them, is also responsible for the creation of human memory and consciousness. That is, our consciousness is localized not in the human brain, as supporters of the theory of evolution want, but in the field structure that is superimposed on the physical body. Memory is also in the field database. At the same time, the brain only functions as an intermediary between the physical and field body of a person. This structure of consciousness is the most stable over time. It is not affected by the exchange processes in the physical body. It is also insensitive to the temperature of the surrounding environment. Therefore, nothing can destroy the consciousness of a living person. The possible loss of human memory is exclusively associated with pathological problems in the human brain, in which the function of the mediator is inhibited.

Let's see if such a model corresponds to the results of scientific research.

Let's consider what Consciousness is in general [30]. Consciousness is the awareness of oneself, one's personality; it is a great analyzer of all our feelings, emotions, desires, and plans. Consciousness is what sets us apart, what makes us feel not as objects, but as individuals. In other words, Consciousness miraculously reveals our fundamental existence. Consciousness is our awareness of our "I", but at the same time consciousness is a great mystery. Consciousness has no measurements, no shape, no color, no smell, no taste; it cannot be felt, twisted in the hands. Consciousness is always personal. A person's qualities may change over time, but his "I" will remain unchanged. It does not belong to the ever-changing material body. Even though we know very little about consciousness, we most likely know that we have it.

One of the main questions of humanity is the question about the nature of this very Consciousness ("I", ego). From the point of view of materialism, human consciousness is the substrate of the brain, a product of matter, the product of biochemical processes, and a special fusion of nerve cells.

Nowadays, the brain is deeply studied. The chemical compositions, parts of the brain, and the connections between these parts and human functions have been well studied for a long time. Brain organization of perception, attention, memory, language was studied. The functional blocks of the brain have been studied. However, no one has ever discovered the connection of the brain with the very centers of our personality, our "I". It was not possible to find the place in the brain that is our "I".

The famous scientist, professor of Moscow State University Nikolai Kobozev in his monograph showed that neither cells, nor molecules, nor even atoms can be responsible for the processes of thinking and memory [31]. The temperature of a person normally reaches 310 K. At such a temperature, memory elements quickly lose the information recorded in them. Even in old age, a person remembers the events that happened to him in childhood.

Consciousness "lives by itself, absolutely independently. Brain is not thinking matter at all, but an organ, like any other, performing strictly certain functions" [32].

Having come to the understanding that Consciousness is not inside the body, science makes a natural conclusion about the immaterial nature of Consciousness.

Academician P.K. Anokhin writes: "None of the mental operations that we attribute to the mind has yet been directly linked to any part of the brain. If we cannot in principle understand how the mental arises from the activity of the brain, is it not more logical to think that the psyche is not at all a function of the brain at all, but is a manifestation of other - immaterial spiritual forces?" [6].

The winner of the Nobel Prize in medicine, J. Eccles, developed the opinion that based on the analysis of brain activity, it is impossible to find out the origin of mental phenomena, and this fact can easily be interpreted in the sense that the psyche is not a function of the brain at all. According to Eccles, neither physiology nor the theory of evolution can shed light on the origin and nature of Consciousness, which is completely alien to all material processes in the Universe [33]. The author of the book [22] directly states that "there is no doubt that a person is controlled by SOMETHING that is outside his body." "I can experimentally confirm," writes Eccles, "that the work of Consciousness cannot be explained by the functioning of the brain. Consciousness exists independently of it from the outside."

Science comes to the conclusion that the brain is not the source of thought and Consciousness, but most of all - their relay.

V.F. Voyno-Yasenetskyi writes that "the brain is not an organ of thoughts and feelings", and that "the Spirit stands outside the brain, determining its activity and our entire existence, while the brain works as a transmitter, receiving signals and transmitting them to the organs of the body" [34].

So, the brain can work as a device that receives thoughts, that is, as an antenna, with the help of which you can receive a service signal from the outside. How can we not mention the statement of the Bible: "If there is a physical body, there is also a spiritual body" (1 Corinthians 15:44). The human body has both a physical and a spiritual (field) component.

In this case, what makes supporters of the theory of self-genesis of life and evolution stubbornly reject the truth about the origin and existence of life, reducing man to the level of an animal? As a result, evil in all its manifestations is cultivated on Earth. People become insensitive to the grief of others, to the deliberate deterioration of ecology and the constant disappearance of many species of plants and animals, which programs the destruction of life. So, there is a certain force that makes seemingly intellectually gifted people do this!

During the creation of life on Earth, perfect ecological conditions were created at each stage. And perfect conditions require that all ecological niches necessary for waste-free production be filled. That is, all living things, figuratively speaking, look like a "single living organism", which has all the organs necessary for a perfect life. Therefore, there must be many types of organisms at once, and the waste products of some organisms must be food for others. This is how we observe in nature the cycle of oxygen, nitrogen, phosphorus, as well as the cycle of water, without which life is impossible. In this regard, it is worth mentioning modern projects for the settlement of other planets by people, which cannot be done without creating the necessary biological diversity there.

The development of life on Earth and the appearance of new organisms required the simultaneous creation of perfect conditions, that is, the creation of a new "single living organism." Thus, some organisms present at the previous stage of the creation of life disappeared, and new, more developed organisms appeared. At the same time, as evidenced by paleontology, some species of living organisms disappeared, while others were created. New species with unique body structure and unique abilities appeared suddenly. Most of the main groups of animals arose in a relatively short period. Paleontologists call this period the "Cambrian explosion." When a person was created, all the necessary ecological niches were filled in advance so that a person immediately found himself in ideal conditions for his life. And since man is intelligent, he has the duty and ability to take care of maintaining ideal conditions for life on Earth. This becomes her main task. The reluctance of a person to fulfill his purpose resembles the development of a malignant tumor in a living organism.

So, we have encountered yet another manifestation of the Law of Similar.

It is clear that a malignant tumor in a living organism can only destroy it. Therefore, medicine fights these tumors, trying to destroy them in the body in one way or another. If humanity understands this principle, it will demand to fight companies that are like malignant tumors. Removing or limiting the activities of these organizations can save life on Earth. If you do not pay attention to such warnings, it will lead to the destruction of life in its entirety.

Now let's return to the beginning of the creation of matter in three-dimensional space. It was indicated above that before this the Scalar Field receives additional information about the creation of life and consciousness in the Universe. On the other hand, the Scalar Field is present around every elementary particle, forming its mass. Therefore, it could be assumed that consciousness is present to some extent in every particle of matter. And the greater the mass of matter (planets, stars), the more pronounced

consciousness should be in them. And in these objects, processes characteristic of a living organism should take place. In particular, antientropic processes must occur. This is the fusion of four hydrogen atoms into a helium atom (four protons into a α -particle) and other thermonuclear processes. In the bowels of the Earth, this is the crystallization of carbon with the creation of diamond crystals in magma at great depths. Similarly, other crystals are created, including oxides of silicon (quartz) and uranium. At the same time, the amount of uranium can reach a critical value and a nuclear explosion will sound. Thus, the nuclear explosion that causes deep earthquakes is an entropic process. On the other hand, many exchange processes are known on the Earth's surface, aimed at preserving the conditions for the existence of biodiversity. Other processes on Earth that are characteristic of living objects can also be named. Therefore, it is not surprising that the structure of galaxy clusters resembles a neural network in the human brain.

Here it is worth mentioning the hierarchical structure of the Universe. And this applies both to the structure of the material Universe and to the hierarchical structure within living organisms. It is clear that the Scalar Field must have an appropriate structure to stabilize the Metagalaxy. And since the Scalar Field itself carries the program for the creation and vital activity of a living organism, it is easy to understand that in addition to earthly biological organisms, which include both the physical body and the field (spiritual) body, there must be purely field (spiritual) bodies [24, 35]. So, in this case, the physical body is excluded. It is logical to think that there may be cases when the contribution of the field component to the organism's consciousness will be significantly reduced. However, this contribution will not be zero, since the Scalar Field responsible for consciousness is present near every massive particle. The magnitude of this contribution depends entirely on the properties of the Scalar Field present on the object within its hierarchical structure. If the consciousness of the Earth is put as a unit and considered to be proportional to the mass of matter, then the consciousness of a proton will be equal to $3 \cdot 10^{-52}$, and the consciousness of the Sun - $3.3 \cdot 10^5$. It is clear that such a level of proton consciousness cannot manifest itself. In addition, antientropic processes are impossible within the proton. Therefore, it is impossible to attribute the state of a living organism to a proton. It is another matter when we consider the Sun or the Galaxy. Many anti-entropic processes take place in them, so it can be assumed that they have a high level of consciousness. Such considerations can be extended to galaxy clusters and the Metagalaxy.

It is worth paying attention to the fact that the field form of life and activity of the information dimension do not need a material carrier, as supporters of the theory of space inflation of the Universe claim. Only particles with mass need a material carrier of interaction. Thus, neither the expansion of the Universe, nor the flow of time, nor the existence of field living objects requires a material carrier. The information dimension is responsible for all this.

Returning to the UMIE model, we note that the Scalar Field, when filling three-dimensional space, receives additional information that ensures the creation of life in the Universe. Therefore, the Universe is immediately born alive. In a dead Universe, it is impossible to create life due to the absence of a suitable program. There is a program on Earth, so our Universe has all the signs of a living organism.

4. CONCLUSION

Based on consideration of the Standard Model of the creation of the Universe and the model of the creation of the Universe with minimum initial entropy, as well as using experimentally obtained information about life on Earth and in the Universe, the following is shown:

1. The standard model of the birth of the Universe cannot adequately explain both the creation of the Universe and the creation of chemical elements whose mass exceeds the mass of an iron atom. Almost all chemical elements that are present on Earth are, to a greater or lesser extent, part of a living organism. The standard model gave rise to the theory of evolution and the possibility of creating living objects from inanimate substances. Using the example of a computer, the principle of which is copied from the functional activity of a living organism, it is shown that without the presence of a program, the life of a cell is impossible, even if it is possible to synthesize all the constituent elements of the cell. Therefore, the existing theory of evolution lowers man to the level of an animal, causing the manifestation of animal instincts and evil on Earth.

2. The model of the creation of the Universe with minimum initial entropy assumes that our Universe is a constituent part of the Super-Universe, one of the layers of stratified space. There are only four such layers: zero-dimensional space through which the Scalar Field enters, which carries the

fundamental code, one-dimensional space, two-dimensional space, and our three-dimensional space. The Scalar Field is responsible for the creation of particles in all spaces and for the mass of particles, and also provides interaction between them (strong, weak, electromagnetic and gravitational). It fills the Universe with particles (bionutrons) in the vicinity of existing particles at a constant speed. In this way, heavy atomic nuclei are created, which decay due to radioactive processes, heating matter and creating all possible chemical elements.

3. The Scalar Field carries the program of creating life in the Universe, in particular on Earth. It sets the program of vital activity of individual cells and organs in the plant and animal world. Having a hierarchical structure, the Scalar Field is constantly present in cells, organs and the body.

4. The created diversity of life on Earth ensures the waste-free activity of all living things through the ideal cycle of substances. Thus, all living organisms make up "the only living organism on Earth." At the same time, man is a constituent part of this organism, and not the king of nature.

5. At all stages of the creation of life on Earth, ideal ecological conditions were provided. The transition to each higher stage was accompanied by the birth of new organisms and the destruction of organisms of the previous formation. When man was created, ideal ecological conditions were provided for his living. Its role is to support the life of all living things on Earth and ensure ideal ecological conditions. The destruction by man of many species and genera of fauna and flora makes the "only living organism" disabled. If, at the same time, the "organ" that represents an odd organ (head, heart, liver, etc.) is destroyed, then all living things on Earth will die as a result of man's unreasonable management of Earth.

6. The human body has a physical and field component. In the Universe there are also living bodies that have a field form.

7. The presence of anti-entropic processes in stars and planets indicates that they represent a special type of living objects, as constituent units of the living Universe. The carrier of their consciousness is the Scalar Field according to its hierarchical structure. In addition, the hierarchical structure of the Scalar Field provides consciousness in all physical bodies at a low level.

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