

The etiology of the occurrence and spread of the COVID-19 pandemic on our planet

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Abstract. The article is devoted to the etiology of the occurrence and spread of the COVID-19 viral pandemic on our planet. This circumstance is caused due to the ongoing disputes between scientists about the origin of this natural phenomenon. Some scientists believe about its laboratory origin, while others, on the contrary, consider it a natural phenomenon of nature. However, everyone overlooks the main source of the appearance of a viral pandemic arising from various types of radionuclides on our planet, forgetting that the appearance of a viral infection originates only in a living cell. The emergence of new strains of a viral pandemic, hitherto unknown to us, is caused by progress and vigorous activity in outer space and those areas of science that it is better not to invade, since the consequences for our society and irreversible climate changes on our planet will not be known.

Keywords: COVID-19, the emergence of viruses, the spread of viruses, the interaction of viruses, the existence of viruses in the ecosystem of our planet, protection from viruses.

Since ancient times, mankind has been trying to understand the evolutionary mechanisms of the emergence, spread and interaction of viruses on our planet. Despite all the advances in science, new strains of viruses threaten humanity with major epidemics, just like tens of millions of years ago. However, virologists studying this problem do not take into account one very important circumstance that any viruses can appear and show their activity only in a living cell with the help of radionuclides that have been falling on our planet from outer space for many millions of years.

The causes of radioactive contamination of our planet are radionuclides that have a source of ionizing radiation, containing radioactive material that is formed from cosmic rays of galactic origin coming to the planet Earth from the depths of the Universe, as well as from flares on the Sun. However, living organisms on our planet for millions of years have basically changed and adapted to these radiations.

At this time, the main danger for humanity is the appearance of uncontrolled radioactive radiation emanating from a large number of nuclear reactors of spacecraft, which are located in outer space around our planet. The reasons for this concern are that they are poorly protected from ionizing radiation and, after working out their term, are not utilized, but continue to emit radionuclides that are associated with unnatural protective alloys manufactured on our planet, to the radiation of which many living organisms are not yet adapted.

Moreover, it should be emphasized that the natural infection of our planet by a source of ionizing radiation from cosmic rays of galactic origin or during solar flares leads to local infection of a certain area of our planet. Infection with a source of ionizing radiation from uncontrolled and constant radioactive radiation emanating from a large number of nuclear reactors of spacecraft leads to planetary pandemics, since they constantly spray radionuclides over the entire surface of our

planet and it is very difficult to change these circumstances under current conditions.

Many scientists believe that viruses are microscopic pathogens that infect cells of living organisms for self-reproduction and consist of one type of nucleic acid, DNA or RNA, which is protected by an envelope containing proteins, lipids, carbohydrates, or a combination of these. A typical virus ranges in size from 15 to 350 nm, so it can only be seen with an electron microscope.

It should be emphasized that this is an erroneous opinion, since only living cells affected by various radionuclides should be considered viruses, which later become non-cellular infectious agents rooted in a living cell, which is capable of further division and transferring altered information to a new cell. Changes in living cells by sources of ionizing radiation took place on planet Earth from the beginning of its formation, but in this case, living organisms have not yet adapted to new conditions.

Moreover, the formation of viruses began to occur on our planet, when there were still no living organisms containing nucleic acids, DNA or RNA, containing proteins, lipids, carbohydrates, or their combinations. Isotopes of radionuclides are substances in the atomic nucleus of which there is a different number of neutrons, which during their half-life can penetrate into living cells and produce their mutation, and during division of a living cell, reproduce a renewed living cell in a changed form, together with a pathogenic one.

Having landed on the surface of our planet, radionuclides begin to invade living cells of any organisms and plants, producing mutation and damage to all types of organisms, from plants and animals to bacteria and archaea. In support of this hypothesis, it can be said in the affirmative that the nucleic acids of DNA or RNA could not appear in an inanimate organism, and even more so put on a protein shell.

Moreover, it should be emphasized that the number of radionuclides causing changes in living organisms is estimated at more than 2000 with unstable isotopes and about 270 species with stable isotopes. Depending on the amount of radionuclides that cause changes in living organisms, each type of radionuclide prefers to penetrate and accumulate only in that living cell that perceives it as its own or cannot resist this pathogenic virus. For example, during the half-life of radionuclides, human lungs prefer elements such as plutonium-238, plutonium-239 or uranium-233. The thyroid gland prefers iodine-125 during the half-life of radionuclides. During the half-life of radionuclides, the kidneys prefer cesium-137, and so on...

Among the many negative factors and processes that can affect the human body and its healthy functioning, the radiation field and the effect of ionizing substances on the tissues and organs of the human body play an important role. Radiation exposure or contact with many radionuclides contained in the atmosphere of our planet through contact with human molecules and tissues can lead to multiple biological and chemical mutations and cause dangerous diseases. It should be said that a person is constantly in conditions of radiation influence. However, if natural streams of ionizing substances do not have a negative impact and can rarely cause the development of any pandemics or other somatic ailments, then artificial contamination with human-made radionuclides is extremely dangerous and negative. In this case, with the appearance of uncontrolled radioactive radiation emanating from a large number of nuclear reactors of spacecraft that are located in outer space around our planet, this process becomes irreversible.

In conclusion, we can say that it is very difficult to protect against uncontrolled radioactive radiation emanating from a large number of nuclear reactors of spacecraft that are located in outer space around our planet. However, it is even more difficult to make a universal vaccine against various types of pathogenic viruses, since they are taken in different ways in different organisms. Pathogenicity is the ability of microorganisms (viruses, chlamydia, mycoplasma, rickettsia,

bacteria, fungi) to cause an infectious process, that is, to penetrate the human or animal body, use it as an environment for their life and reproduction and cause pathological changes in organs and tissues. For example, it may depend not only on the type of living organism, on the latitude where it is located, but also on the living conditions of these organisms, their way, behavior, nutrition or interaction with other types of living beings.

In my opinion, we need to gradually get rid of uncontrolled radioactive radiation emanating from a large number of nuclear reactors of spacecraft that are located in outer space around our planet, or move to new safer technologies that do not create such problems for all of humanity, which will be difficult to get rid of. Such technologies already exist, but if this is a costly undertaking, then it is necessary for all countries using spacecraft to unify all alloys and materials used for nuclear reactors used in outer space.

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