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## THEORETICAL AND PRACTICAL JUSTIFICATION OF THE SAPROPHYTIC THEORY OF CANCER

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*The aim of the work was to justify the theoretical and practical aspects of the saprophytic theory of cancer. In the medical section of the book “The Realities of Life”, published in 2009, I described this theory for the first time with some elements of theoretical and practical justification among all the theories of cancer origin. The saprophytic theory of cancer; the theory of the occurrence of cancerous tumors can be of great importance. In this theory the main importance in the initiation of carcinogenesis in the human body have saprophytic bacteria that live with us constantly. The saprophytic theory, as an etiological cause of cancer, may be important in the development of cancerous tumors. There is a significant amount of scientific research and clearly established facts that confirm the infectious origin, whether bacterial or viral, of a cancerous tumor. Cancer can be caused by a type of saprophyte that is practically unaffected by antibiotics. A microorganism that can cause cancerous disease, has the property of reducing the human antifungal immunity, has both the properties of a virus and a bacterium. It is possible that this virus, which settled in bacterium, combined its pathogenic properties for humans. Bacterium at the same time with virus, merging into one organism, into one unit, can contribute to the development of cancer. There is an opinion that the high temperature of the human body sometimes kills cancer cells. Microorganisms are the first step of the oncogenic process, they start it, cause it to appear, and in the future they may not participate in its development. It is likely that only at the first stage of cancer occurrence, we need to kill the microorganisms that are the cause of the cancer. Or we need to find a potential human enemy and create a universal vaccine against it, which will protect the human organism from cancer. Vaccine is not against cancer, but against a microorganism that causes cancer, releasing carcinogenic substances that start the cancer process in organs and tissues.*

**Key words:** saprophytes, cancer, infection, microorganisms.

### Ростислав Сабадишин. Теоретично-практичне обґрунтування сапрофітної теорії раку

*Метою роботи є обґрунтувати теоретично-практичні аспекти сапрофітної теорії раку. У медичному розділі книги «Реалії життя», опублікованої автором у 2009 році, вперше було описано цю теорію з деякими елементами теоретичного і практичного обґрунтування серед усіх теорій виникнення раку. Сапрофітна теорія виникнення ракових пухлин припускає, що основне значення в запуску канцерогенезу в тілі людини мають сапрофітні бактерії, які постійно живуть з нами. Існує значна кількість наукових досліджень і чітко встановлених фактів, які підтверджують інфекційне походження захворювання, бактеріальну або вірусну природу ракової пухлини. Онкопроцес може спричиняти той вид сапрофіта, на який практично не впливають антибіотики. Мікроорганізм, який може викликати ракове захворювання, має властивість знижувати протигрибковий імунітет людини, має властивості як вірусу, так і бактерії. Можливо, це вірус, який поселився в бактерії, об'єднав свої патогенні для людини властивості. Бактерія одночасно з вірусом, злившись в один організм, в одне ціле, може сприяти онкозахворюванню. Існує думка, що висока температура тіла людини інколи вбиває ракові клітини. Мікроорганізми є стартером онкогенного процесу, він його запускає, спонукає до виникнення, а в майбутньому може й не брати ніякої участі в його розвитку. Ймовірно, що тільки на перших етапах виникнення онкозахворювання нам необхідно вбити мікроорганізми, які є причиною хвороби. Або нам необхідно знайти потенційного ворога людини і створити проти нього універсальну вакцину, яка буде захищати організм людини від раку. Це буде вакцина не проти раку, а проти мікроорганізму, який спричиняє рак, виділяючи канцерогенні речовини, що запускають онкопроцес в органах і тканинах.*

**Ключові слова:** сапрофіти, рак, інфекція, мікроорганізми.

**Introduction.** We live among a huge number of multi-million micro-organisms. They are all around us, on every piece of land, and on the surface of any object. Without microorganisms, we cannot live, we can only die. They are present in large quantities on every centimeter of the surface of our body, in the intestines, in the oral cavity, etc. [1].

Periodically, a significant number of scientific works appear, in which the etiological role of

microorganisms in the occurrence of gastric ulcer disease of the stomach or duodenum, atherosclerosis of vessels, etc. is clearly confirmed [2].

We do not know when and how one of the saprophytes (microorganisms that live on (or) in our body and do not cause harm, but on the contrary contribute to the normal functioning of the organism) turns into a parasite, which can cause serious disease in humans in the future, but we cannot even guess

that this disease is caused by a microorganism that was “friendly” to us until a certain extent. It is known that saprophytes are microorganisms that live on our bodies, but we consider them vital, because we can die without them [3; 4].

And by what laws does a person live simultaneously with saprophytic bacteria? Have we studied these laws? And how can we live with them? How does a person coexist with saprophytes when the living conditions of a person change? Radiation, the use of large amounts of preservatives, emissions of chemical compounds into the atmosphere from the plants etc., how do they affect the microorganism-human relationship? Who studied it and when? At the present time, the ecosystem of human existence is disrupted, the microorganism-human relationship are changing. It is important to note that any changes in the microorganism are accompanied by special changes in the human organism.

In connection with changes in the ways of human existence the microorganisms that protect people from the occurrence of cancer may die or may not exist in our organism.

Therefore, **the purpose** of this study was to justify the theoretical and practical aspects of the saprophytic theory of cancer.

**Materials and methods.** Analysis of modern scientific sources of information according to the specified topic, own thoughts and experience.

**Results.** In the medical section of the book “The Realities of Life”, published in 2009, I described this theory for the first time with some elements of theoretical and practical justification among all the theories of cancer origin. The saprophytic theory of cancer, the theory of the occurrence of cancerous tumors can be of great importance. In this theory the main importance in the initiation of carcinogenesis in the human body have saprophytic bacteria that live with us constantly. The saprophytic theory, as an etiological cause of cancer, may be important in the development of cancerous tumors [5].

In the fight against cancer, humanity has created so many research institutes, laboratories, medical institutions, which have a huge number of employees, that no one is interested in the quick finding a method of dealing with this disease. They are looking for methods, but not in the right places. They are searching in such a direction that will allow to preserve all existing types of structures, which are themselves looking for methods of treating cancer. Taking into consideration the directions of human development, I think that no one will find a 100% effective method of treating cancer in people after many years.

We, humans, still do not know everything about the relationships between microorganisms that have been formed between them over thousands of years. It is possible that there is the principle of mutual assistance between some microorganism. For example, some microorganisms in some way, incomprehensible to us, stimulate the development of cancer cells, and other microorganisms, thanks to the development of these cancer cells, have the opportunity to live in them. At the same time, they are also something necessary for previous microorganisms. An interdependent biological life cycle is formed between microbes [6; 7].

It is possible that cancer cells are a nutrient environment for some microbes, or cancer cells release certain substances that are nutrients for microbes [8]. In order to fulfill the specified law, a change in the genetic code of the tissue occurs, and this tissue becomes a cancerous tumor. The change in the genetic code of the tumor is not the head, but the tail of the biological process. We are always looking for something further away, and the truth often lies under our feet. If we start to dig deep and more and more with greater efforts, then we must clearly understand for ourselves that we are not digging in the right place.

We know that in cows the virus forces blood cells to work on themselves, and makes them independent of the organism. This causes leukemia. The mechanism of infection is clearly described and proven. The question arises: “Why can’t the same mechanism work and be relevant for other microbes, about which we know nothing?” This microorganism can in some way make the cells autonomously for the organism release special nutrients that are necessary for the vitality of this microorganism. There was only one small unanswered question: “How to study this microbe having powerful oncology research centers?”

There is a significant amount of scientific research and clearly established facts that confirm the infectious origin, whether bacterial or viral, of a cancerous tumor. For example, the infectious nature of cervical cancer in women has been established with a high degree of certainty. In addition, a vaccine has been created against the infectious agent that causes this type of cancer in women. Allegedly, everything is simple, but in any simplicity, there is a complexity, which, as a rule, we know nothing about and do not even guess that it exists [9–11].

Cancer arose and spread due to the frequent use of antibiotics, which depress microflora, but not only cancer microflora, but other, which earlier was

fighting with cancer microflora, and then suddenly stopped depressing it, because it was depressed by antibiotics.

The absurd and unreasonable idea has a right to exist, as one smart idea is born out of ten illogical ideas, and the more wrong ideas there are, the more smart ideas there will be.

In this way, we, people, create our own diseases. We say that our immunity suffers from pollution, radiation, etc., but people who live in a clean environment have cancer, and people who live in a polluted environment also have cancer. In addition, we are unable to determine the effect of antibiotics or other antimicrobial substances on the human organism. We are not able to determine who and when used substances that could stimulate human pro-cancerous microflora.

The axiom of the emergence of human cancer is its infectious origin, but it follows laws that have not been studied or described by us until now. There are many clearly established facts about infectious cancer theory. In addition, there are cancerous tumors where the infection role is absolutely proven [12].

Interestingly, if a person has wart-like formations on the skin, and one of them due to various reasons becomes inflamed, begins to increase in size, then the use of an ointment that contains an antibiotic for a relatively long time not only relieves the inflammation of a benign precancerous neoplasm, but also sharply reduces the size of the neoplasm, returning it to its original size. For example, the combined use of "Levomekol" ointment and "Metrohil" gel slows down the pathological development of a neoplasm, eliminates the inflammatory process on the neoplasm, the active substance of "Levomekol" ointment is chloramphenicol in combination with methyluracil. In fact, the ointment has 7.5 mg of chloramphenicol and 40 mg of methyluracil. "Metrogil" gel contains 10 mg of metronidazole. Most importantly, the course of treatment can last for 2–3 weeks, as a rule, it is long-term. And with a small re-inflammation, it is necessary to use this therapy once more, but with a short course of up to 7 days. As a conclusion, antibiotics still work and prevent the transformation of a neoplasm into a malignant tumor [13].

Cancer can be caused by the type of saprophyte that is practically unaffected by antibiotics. It is necessary to analyze all types of saprophytic bacteria and clearly find out which of them stimulates carcinogenesis. It is necessary to analyze what types of saprophytes stimulate the known cancer-causing factors. Therefore, it is necessary to establish which of the

saprophytes of microbes secrete cancer-stimulating substances [14].

It is possible that bacteria laid the foundations of our human civilization and they play the main stimulating role in the development of complex form of living matter.

We have to clearly determine which microflora never causes cancer, and which can stimulate the development of tumors in our organism. We know that long-term chronic inflammation can cause cancer, but we don't know which bacteria cause and support the flow of inflammation, contribute to the appearance of cancer. Do some bacteria cause inflammation, and others, acting in the conditions of inflammation, in the conditions of tissues weakened by inflammation, cause cancerous degeneration of tissues. If we could find such bacteria, we would have the opportunity to kill them easily.

We know the types of inflammation that never cause cancer. For example, trophic erosions on the leg never cause cancerous degeneration of the inflamed tissues of the leg. It was established that there is an inflammatory process around the cancerous tumor in the neighboring tissues [15]. It is necessary to know whether it is an independent pathology, or whether such inflammation can lead us to the thought, which will lead to new directions of pathogenic cancerous bacteria search.

It is known that in many cases, several members of the family with the interval of 1–2 to 10 or more years have cancer. It is difficult to explain the specified regularity with the only genetic predisposition.

In case of frequent long-term irritation of the tissues, there is a motivated uncontrollable growth of the tissue, which occurs not without the help of microorganisms. Microorganisms play an active part in the process of the formation and spread of the tumor [16].

There are scientific works that indicate that cancer most often occurs in people who eat a lot of meat, and some microbes grow well on meat dishes. It is necessary to analyze which type of saprophytic microbes is most often used simultaneously with meat or other products, precisely this type of saprophytic bacteria can cause cancer, and it is proven by scientific research. It has been established that stomach cancer most often occurs in patients with low salivary acidity, and the death of cancer-causing bacteria is supposed to exist when there is high salivary acidity. It is necessary to look for and install other conditions that are characteristic for existing of the saprophyte carcinogenic microflora. In addition, the widespread use of antibiotics also leads

to the development of carcinogenic saprophytic microflora [17].

There is a significant number of established clinical cases, which indicate that the use of a certain antibiotic, but not only the one that is widely used in practice, causes regression and slowing down the development of cancer. For example, described and analyzed the clinical effect of tryhopol (metronidazole), which was used for the treatment of cancer. Acidification of the organism is obligatory condition for treatment cancer with metronidazole. For example, it is recommended to eat two lemons a day, take acidified baths, etc. So, the saprophytic microorganism isolated in the future resistant to conventional antibiotics should be afraid of an acidic environment.

There are some countries in which people use a large amount of a certain type of antibiotic, which contributes to a decrease in death rate. There is a thought that sumamed (azitromycin) belongs to such antibiotics [18]. In the future, it is necessary to conduct more serious analytical studies related to cancer and the use of antibiotics.

In addition, it is necessary to detail in which living conditions of a human (chemical intoxication, the presence of a harmful environment, chronic infections, etc.) the organism and microorganisms behave themselves according to a slow, special program, which is characterizes by its own laws of the development of the pathological process.

A microorganism that can cause cancerous disease, has the property of reducing a person's antifungal immunity, has both properties of a virus and bacterium. It is possible that this virus settled in bacterium and combined its pathogenic for humans properties. Bacterium simultaneously with virus, merging into one organism, can contribute to the development of cancer [19].

There is an opinion that the high temperature of the human body sometimes kills cancer cells. But we still do not know what price mankind pays for the use of medicines that lower the body temperature. Medicines that reduce the temperature of the human body contribute to the weakening of some important mechanisms of human immunity, which are activated by increasing the temperature of the human body and emerged in the process of evolution [20]. We must find out and analyze which bacteria do not like and even die when the temperature of the human body increases and are extremely sensitive to the high temperature of the human body. Then we will know why the saunas have anti-cancer effect, then we will explain why people have less cancer in the countries with high temperatures.

In order to clearly establish the infectious origin of any infection that a person has it is necessary that there is Koch's triad, which gives grounds to consider this disease to be infectious. But we must be aware that there are diseases in our organism caused by infection, which do not fit into the theory of the infectious process according to Koch's triad. For this infection, it is necessary to study and describe new, unknown to us, principles of the infectious process.

It is interesting, but at a certain moment of their development, cancer cells have a rejuvenating and stimulating effect on the human organism, but in future they cause suppression and intoxication. Cancer slows down the severity of inflammatory processes long before the onset.

Microorganisms are the first step of the oncogenic process, they start it, cause it to appear, and in future they may not participate in its development. It is likely that only at the first stage of the occurrence of cancer, we need to kill the microorganisms that are the cause of the cancer. Or we need to find a potential human enemy and create a universal vaccine against it, which will protect the human organism from cancer. Vaccine is not against cancer, but against a microorganism that causes cancer, releasing carcinogenic substances that cause cancer process in organs and tissues.

Sooner or later, we will have to rehabilitate the body from saprophytic microorganisms, the type of which will be clearly established as a result of research that contributes to the emergence of cancerous tumors. Until now, it is believed that saprophytes do only good to our body, and no one has thoroughly studied that these microbes do bad things, not causing acute disorders, but exhausting the body and its defense systems, not all microbes from the saprophyte group are as benevolent as we think.

We already have an example of long-term use of a penicillin or macrolide antibiotic for rheumatism over many years. It is interesting how often and in which cases such patients have cancerous tumors and whether these antibiotics affect microorganisms that start carcinogenesis.

Substances, which have an anti-cancer effect, are present in the body of every person. There are tissues that rarely undergo cancerous regeneration. It is likely that both human saliva and the saliva of some animals have an anti-cancer effect. Scientists will have to identify these substances and study their properties in future [22; 23].

We, researchers, still do not know much, and what we do know creates the wall in front of us, which we face and psychologically do not feel its exist-

tence. Our mind has created a world of fixed categories and does not allow us to have a way of thinking that crosses the established boundaries. For a better explanation of the presented example, I will give an example from my own medical practice. If a company advertises a medicine at an exhibition or conference, then doctors, analyzing the reports of respected professors and academics, are certain that this medicine is the best, but, prescribing it to all their patients, they find out that for some of them the prescribed advertised medicine does not work, but some part of doctors, coded for the mandatory effectiveness of the prescribed treatment, does not change it, does not look for other effective medicines, but continues to prescribe the medicine, seeing a wall in front of him, first of all, the psychological one.

For example, the question of why the fruits and vegetables, which are grown in the natural environment, have undergone a cycle of becoming ripe according to the climatic conditions established on the earth during millions of years, they act on the human organism like a balm: the ulcers of the stomach and duodenum do not escalate, the level of blood pressure is normalized, the organism is rejuvenated, etc. At the same time, vegetables and fruit grown in artificial conditions, not in the usual season, having the same composition of known vitamins and other compounds, do not have such a favorable effect on the organism, as vegetables and fruits grown in natural conditions have [24]. In the environment there is still something unknown to us, about which we do not know anything and, most importantly, we are not looking for this unknown yet.

Cancer can have a “specific” infectious nature and is a contagious disease. But it is possible that not only an infection is transmitted from person to person, not an infectious microorganism in one form or another, which we understand by the characteristics of biological living matter, but a specific cancer factor that can have a different chemical and biological

structure. It is this factor which starts the process of reproduction of cancer cells. This is an uninvestigated branch by modern science [25; 26].

Not only the cancer factor can be transmitted from person to person, but also the factor of other chronic diseases: stomach (ulcer disease, gastritis, etc.), pancreas, lungs, liver, intestines, other organs and tissues. During the transmission of a disease factor from person to person, the disease may not occur if a person has genetic innate resistance of an organ or tissue that can withstand the influence of the factor that provokes this disease [27]. Probably, the transmission of the disease factor occurs during close specific contact between people, mainly through the mouth or sexually, when people eat from the same dishes, breathe the same air, sleep in the same room, kiss, etc. It is possible that pathological cells with genetic material characteristic of this disease may be changed by such a factor. They have the ability to be transmitted from one person to another, to sensitize someone else’s body. A healthy person’s immune system may not react to them in order to destroy them as a foreign substance. Such cells may be able to get used to another organism and start a whole reproduction program [28–30].

**Conclusions.** Science is the search of the unknown and, first of all, awareness of the presence of the unknown, precisely in the place where, in our opinion, it should not exist.

The goal of future medicine is to find, identify and isolate cancerous chemical or biological substances. Then it will be possible to neutralize them and prevent the spread or susceptibility to them not only of cancer, but also of other chronic diseases in one or another form of manifestation, which can be both genetically programmed and transmitted from one person to another. It should be noted that these substances can pass through chemical membranes and are not sex hormones. Currently, their nature is unknown to science.

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