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Short Communication



# The Intestinal Tract, the Main Reservoir of Viruses Hidden in Carriers After Overcoming Infection, is the Source of Many Diseases

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The main focus of treatment for most diseases is to focus on the damaged organ in question and work on its repair. In many cases, this approach is sufficient, the damage is removed and the patient is cured. Thanks to such approaches, it has been possible to solve and eliminate many diseases that have plagued humanity since time immemorial. Tumor diseases belong to the group of so-called degenerative diseases together with others that humanity has not yet solved. This is despite the huge investments that have been made in their research.

According to evolutionary biologists Paul Ewald and Lewis Thomas, we often provide only secondary care to patients suffering from these "degenerative" diseases [1,2]. Many experts say that we cannot expect today's diseases to be solved in the near future. This is only partly true, as evidence shows that we continue to find crucial solutions to diseases that we have come to know through our knowledge of their primary infectious causes. In addressing uncontrolled diseases, there is increasing consideration that an infectious cause caused by infectious agents may be the main alternative. However, in clinical practice, the prevailing view is that the human body is imperfect, producing errors and mutations that cause multiple diseases, despite the fact that much is known about viruses, pathogenic microbes, and parasites. They claim that it is based on everyday clinical practice.

These considerations necessarily lead us to a fundamental question - is the human organism really a perfect system - the pinnacle of evolution on our planet - that can correct almost all errors and mutations? If we accept this alternative, then how is it possible that humanity suffers from a large number of diseases? After all, the evolutionary process is directed towards a higher level and quality of all living organisms on our planet. According to the WHO, up to 17 different types of cancer are increasing every year, and their occurrence is affecting people at a younger age. Is it a failure of the evolutionary process? We must not forget that the evolutionary process is extremely complex and complicated. It is influenced by many factors, many of which are negative. And we must embark on a journey of finding these factors. One of the strong factors is the changes caused by the difference between the modern environment and the environment that largely shaped the genetic makeup of humans. Another factor, and probably the decisive one, are infectious causes of chronic diseases. These can be infectious agents that do not attack, but systematically and long-term damage to tissues, which eventually manifests as serious diseases. Infectious causes of chronic diseases are currently being intensively investigated, but their acceptance depends on the quality of the evidence. However, according to expert analyses, we are currently unable to obtain convincing evidence about the infectious causes of these diseases, and probably not in the near future. This is especially true given the general resistance to accepting the infectious origin of cancer, which is very deep-rooted, despite the fact that more than 20% of human tumors have a proven infectious cause.

When looking for infectious factors, we could logically conclude that most human diseases are most likely caused by the second kingdom in our body – prokaryotic – i.e. bacteria, but also yeasts and other single-celled organisms. We must live in symbiosis with this kingdom, we cannot exist without it. We know very little about the contents of our intestinal tract. After all, this organ also stores our past, and we are likely to find microbes and parasites that we acquired in ancient times. Evidence of the presence of viruses – Bovine Leukemia Virus (BLV), HIV, and novel coronavirus – in both the intestinal tract of latent carriers after overcoming infection, where they are under the control of the immune system [3-21]. This is the first record of a direct interaction between bacteria and viruses, overcoming the unwritten taboo that denied or circumvented this relationship. In the case of BLV and HIV, vectors have already been identified – bacteria, and in the case of HIV, yeast. This finding puts us in a paradoxical situation where, on the one hand, we are trying to eliminate the virus, but on the other hand, we are unknowingly cultivating it in our intestinal tract.

Evidence of viruses in the intestinal tract, hidden in carriers after infection, has revealed the largest reservoir of viruses in our bodies.

If we identify the carrier and eliminate it, we will also destroy the virus. Vaccines only work in target cells, but if the virus in the carrier reaches the intestinal tract, the vaccines are ineffective there. The high infectivity detected in wastewater around the world long after the pandemic has ended confirms the presence of the new coronavirus in the intestinal tract. New variants of coronaviruses do not come from China, they originate in the intestinal tract of infected people. Virus carriers are part of the microflora, which allows them to exist for a long time, but under normal circumstances they are under immune control. The viral load in the intestinal tract worldwide is growing rapidly, leading to constant stress and a weakening of the immune system. Current methods of eliminating viruses – antivirals, physiotherapy, vaccines – cannot completely eliminate viruses. Their complete elimination will occur if we eliminate them in the intestinal and respiratory tract.

After the immune system is weakened, the pathogens in the carriers penetrate the body and infect it again. At the same time, they are carried by the blood to the organs of the organism. They settle on the selected organ and attack it 24 hours a day, for months and years. It is very likely that this mechanism of the development of degenerative diseases that manifest themselves in later life. We currently do not know by what mechanism infectious agents can induce this disease. If a viral pathogen comes into contact with or penetrates a eukaryotic, highly differentiated cell, it is very likely to lead to their transformation to the prokaryotic level. We do not know the mechanism by which the pathogen changes the cells of the invaded organ into its own image. It is realistic to assume that this could be a pathway for the emergence of a tumor cell.

The basis for further research should be the analysis of the contents of the intestinal tract and the identification of all virus carriers and their subsequent elimination. After the elimination of the identified pathogens, the ones that caused the diseases will be revealed. It is assumed that in this way several degenerative diseases will be gradually eliminated, which would bring a significant improvement in the health of the human population. This will be – New Medicine.

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## Disclosure of Conflict of Interest

The authors declare that there is no conflict of interest. Statement of Informed Consent Informed consent was obtained from all individual participants included in the study.

## References

1. Ewald PW (1994) Evolution of infectious diseases. New York: Oxford University Press.
2. Ewald PW (2002) Plague time. A new theory of the germs of disease. Anchor Books. A division of Random House, Inc. New York.
3. Vladimír Zajac, Michal Mego, David Martinický, Viola Stevurková, Sona Cierniková, et al. (2006) Testing of bacteria isolated from HIV/AIDS patients in Experimental models. Neuro Endocrinol Lett 27(2) :101-104.
4. Zajac V, Stevurkova V, Matelova L, Ujhazy E (2007) Detection of HIV-1 sequences in intestinal bacteria of HIV/AIDS patients. Neuro Endocrinol Lett 28: 591-595.
5. Zajac V, Adamcikova Z, Holec V, Hainova K, Stevurkova V, et al. (2011) Chapter in a book: Microbes, viruses and parasites in AIDS process. Editor: Vladimir Zajac. Printed in INTECH 375-390.
6. Hainova K, Mego M, Wachsmannova L, Adamcikova Z, Stevurkova V, et al. (2013) Microflora of intestinal and respiratory tract in AIDS process, J Antivir Antiretrovir 15: 1-6.
7. Hainova K, Adamcikova Z, Ciernikova S, Stevurkova V, Krcmery V, et al. (2014) Detection of proteins homologous with HIV-1 antigens in bacteria of positive patients - phase II. Neuro Endocrinol Lett 35(2): 110-115.
8. Zajac V (2014) The fundamental role of bacteria and yeasts in AIDS progression. J Vaccines Vaccin 5: 4.
9. Wachsmannova L, Ciernikova S, Majek J, Mego M, Stevurkova V, et al. (2016) Internalization property of intestinal bacteria in colon cancer and HIV/AIDS patients. Neuro Endocrinol Letters 37(3): 245- 250.
10. Zajac V (2018) Evolutionary view of the AIDS process. J Int Med Res 46(10): 4032-4038.

11. Vladimir Zajac (2020) Can CCR5 delta 32 mutation be a proof of possible HIV participation in the Black Dead epidemic? Journal of Clinical Microbiology and Infectious Diseases 3(3).

12. Vladimir Zajac (2020) An Overview on the Fundamental Role of Bacteria and Yeasts in AIDS Progression. Current Topics in Medicine and Medical Research 3(2).

13. Vladimir Zajac (2020) Elimination ot the new coronavirus and the prevention of the second wave of infection. World Journal of Advances Research and Reviews 08(01): 148-150.

14. Vladimir Zajac (2021) The irreplaceable role of coronavirus carriers in its transmission and in second wave of infection. World Journal of Advances Research and Reviews 09(03): 226-228.

15. Anna Liskova, Vladimir Zajac (2021) Identification of a new coronavirus in rectal swabs from persons infected 15-25 days ago. World Journal of Advances Research and Reviews 10(01): 356-359.

16. Anna Lišková, Vladimír Zajac (2023) Identification of novel coronavirus in rectal swabs: new perspectives. Perspective of Recent Advances in Medical Research 11(12).

17. Vladimir Zajac (2024) Complete Elimination of HIV Hidden in Carriers of the Intestinal Tract After Overcoming the Infection. New Medicine. J HIV AIDS Infect Dis 11: 1-6.

18. Vladimir Zajac (2024) A new approach to stopping viral infections. Intestinal tract as the main important reservoir of viruses hidden in carriers after overcoming infections. British Journal of Healthcare and Medical Research 11(2): 166-170.

19. Vladimir Zajac (2024) Instructions for the complete elimination of HIV in reservoirs after overcoming the infection and stopping the further use of antiviral drugs. Int J Mol Biol Open Access 7(1): 109-110.

20. Vladimir Zajac (2024) How to Destroy the Main Reservoir of HIV After Infection: New Medicine. British Journal of Healthcare and Medical Research 11(4): 118-122.

21. Vladimir Zajac (2025) Viral Pathogens Hidden in Carriers Detected in the Intestinal Tract After Overcoming Infection are a Potential Source of Serious Human Diseases, Including Cancer. New Medicine. Am J Biomed Sci & Res 26(6): 868-871.