



New Trends in Viral Infectious Diseases

Guest Editors:

Dr. Marek Kowalczyk

Department of Instrumental
Food Analysis, University of Life
Sciences in Lublin, 20-950 Lublin,
Poland

Prof. Dr. Andrzej Jakubczak

Institute of Biological Basis of
Animal Production, Faculty of
Animal Sciences and
Bioeconomy, University of Life
Sciences in Lublin, 20-950 Lublin,
Poland

Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editors

Viruses are extremely interesting and dangerous entities which may infect humans, animals, plants, and bacteria. They emerged from the very beginning of life and are still present in almost each of the ecosystems. They play a role in the evolution, they shape the history, and they are the cause of many serious outbreaks.

In particular, the events of recent years have proved to us how the viral diseases can be devastating on the many levels. They pose the serious threat not only for susceptible individuals but also for healthcare systems, food security, and biodiversity. Recent years have also brought us the new tools and strategies to prevent, diagnose, treat, and to monitor infectious viral diseases.

The main goal of this Special Issue is to present the new trends in the viral infectious diseases. We are aware that current virology is highly interdisciplinary science, therefore we welcome papers concerning new diagnostics methods, metagenomic analysis, as well as bioinformatic approach to analysis of epidemiological data, developing of antiviral drugs, and surveillance of infections.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)