



## Trends in Viral Zoonotic and Zoonanthroponotic Diseases

Guest Editors:

**Prof. Dr. Muhammad Munir**

Division of Biomedical and Life  
Science, Lancaster University,  
Lancaster LA1 4YG, UK

**Dr. Mohammed Rohaim**

1. Biomedical and Life Sciences,  
Lancaster University, Lancaster  
LA1 4YG, UK

2. Department of Virology,  
Faculty of Veterinary Medicine,  
Cairo University, Giza 12211,  
Egypt

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

Transmission of a pathogen from animal to human (zoonosis) and human to animal (zoonanthroponosis) is currently a leading threat for both veterinary and human public health. This threat can be testified by the fact that ~60% of emerging infectious diseases are of zoonotic origin and ~70% of these originate from wildlife. The importance of studying zoonotic and zoonanthroponotic diseases is further highlighted by the emergence of multiple variants of SARS-CoV-2. A range of animal species have been verified for SARS-COV-2 and other zoonotic infections either in vitro or in vivo. However, the molecular bases of such a broad host spectrum of these infections have remained elusive.

For this Special Issue, we are seeking the submission of manuscripts on any aspect of zoonotic and zoonanthroponotic viral diseases. We welcome both original research articles and comprehensive review papers. The papers in this Special Issue will be published via our open access platform after a thorough peer review, a process which will benefit both our authors and readers.

Dr. Muhammad Munir  
Dr. Mohammed Rohaim  
*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Nico Jehmlich

Department of Molecular  
Systems Biology, UFZ-Helmholtz  
Centre for Environmental  
Research, 04318 Leipzig,  
Germany

## Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

## 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), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology (medical)*)

## Contact Us

Microorganisms Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

mdpi.com/journal/microorganisms  
microorganisms@mdpi.com  
X@Micro\_MDPI