



Drivers of Emergence of Zoonotic Viruses in Wildlife

Guest Editors:

Dr. Valentina Tagliapietra

Research and Innovation Centre,
Fondazione Edmund Mach, Via
Edmund Mach 1, 38010 San
Michele all'Adige, TN, Italy

Dr. Gillian Eastwood

1. Department of Entomology,
College of Agriculture and Life
Sciences, Virginia Polytechnic
Institute and State University
(Virginia Tech), Blacksburg, VA
24061, USA
2. The Global Change Center,
Virginia Polytechnic Institute and
State University (Virginia Tech),
Blacksburg, VA 24061, USA

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

In the era of the Anthropocene, the emergence of zoonotic pathogens, including those with high pandemic potential, is occurring at a faster rate than in any preceding historical phase. There is also scientific evidence of an increasing rate of novel emerging infectious diseases; during the last century, on average, two new viruses per year have spilled over from their animal hosts into human populations, or vice versa. Although zoonotic diseases have been receiving increasing attention, their emergence is a complex process, and the combination of driving factors and events that allow them to expand and adapt to new niches are rather poorly understood. These drivers are environmental, social, political, and economic forces, operating from global to local changes.

The aim of this Special Issue is to collect studies, both in the form of research papers and reviews, that investigate key processes correlating pathogen emergence or spillover at different spatial scales.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Toxicology, 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 - Q1 (Microbiology (medical))

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI