



Infection and Transmission of Clinical Pathogens in Livestock

Guest Editor:

Prof. Dr. Ludwig Eduard Hölzle

Institute of Animal Sciences,
Department of Livestock
Infectiology and Environmental
Hygiene, University of
Hohenheim, Garbenstarsse 30,
70599 Stuttgart, Germany

Deadline for manuscript
submissions:
closed (15 March 2024)

Message from the Guest Editor

Dear Colleagues,

The societal impact of infectious diseases in livestock and their zoonotic potential has increased over the last decade. Within this, the development of novel pathogens or pathogens with novel properties (host spectrum, reservoirs, antimicrobial resistances) is of high attendance. Understanding the transmission of these pathogens within and around the animal husbandry can largely influence the significance and distribution of infectious diseases in livestock animals and therefore, also the development and spread of zoonotic pathogens (One Health).

This Special Issue aims to gather up-to-date research on reservoirs (better understanding of how pathogens survive both in livestock animals as well as in the environment (including reservoir hosts and vectors), transmission pathways and environmental properties of infectious agents (bacteria, viruses, parasites, fungi). Moreover, work dealing with mitigation strategies to minimize the transmission of infectious agents are very welcome (e.g. disinfection, alternative methods).





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*)

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