



Epidemiology and Pathogenicity of Animal-Adapted Streptococci

Collection Editors:

Prof. Dr. Peter Valentin-Weigand

Department of Infectious Diseases, Institute for Microbiology, University of Veterinary Medicine Hannover, 30173 Hannover, Germany

Prof. Dr. Marcus Fulde

Department of Veterinary Medicine, Freie Universität Berlin, 14163 Berlin, Germany

Message from the Collection Editors

Streptococci typically colonize the skin and the mucosal surfaces of various warm- and cold-blooded host species. Many streptococcal species represent pathobionts, which expand their pathogenic potential under immune-suppressive or other predisposing conditions, thereby causing local, purulent infections of the skin or even severe and life-threatening diseases such as septicemia, meningitis, and abortion.

Much literature is available about streptococci that colonize the human host and eventually lead to infections, such as *Streptococcus* (S.) *pyogenes* and *S. pneumoniae*. However, knowledge about streptococcal species that are particularly adapted to animals is mostly scant. Thus, the aim of this Topical Collection is to provide a collection of articles that cover the current state of knowledge on streptococcal species from animal origin. Manuscripts covering all aspects of research related but not restricted to their epidemiology and pathogenicity, including basic research, review articles and case reports, are highly welcome.





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