Special Issue

Bacillus anthracis: Infection Mechanisms, Vaccination and Immune Response

Message from the Guest Editors

Anthrax is a significant infectious disease that affects a wide range of mammals, including humans, when exposed to infected animals or infected products of animal origin. The etiological agent of anthrax is *Bacillus anthracis*, a Gram-positive, rod-shaped bacterium that is able to produce extremely resistant spores that can survive in the environment for several decades. For this Special Issue, we invite contributions that focus on advancing our understanding of *Bacillus anthracis* infection, bacterium-host interactions, immunology, animal models, vaccine strategies and related immune responses among livestock and wild animals. Original research articles, reviews and method papers are welcome.

Guest Editors

Dr. Domenico Galante

Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata, 71121 Foggia, Italy

Dr. Henriëtte Van Heerden

Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, University of Pretoria, Onderstepoort, Pretoria 0110, South Africa

Deadline for manuscript submissions

closed (31 May 2024)



Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/159980

Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/ microorganisms





Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



About the Journal

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.

Editor-in-Chief

Dr. Nico Jehmlich

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

Author Benefits

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))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

