

Special Issue

Microbial Infections and Maternal Immune Responses During Pregnancy

Message from the Guest Editors

Microbial infections may occur during pregnancy with or without clinical manifestations in the mother or fetus. An expectant mother may encounter microbes during pregnancy. Recognition of maternal infection is critical. Microorganisms which evade all barriers may infect the fetus. Although some infections are detrimental, exposure to certain microbes during fetal development can promote immune system maturation. Fetal immune responses, with innate and adaptive components, contribute to early protection. Besides emerging and re-emerging infections, even common infections that go unmonitored due to mild clinical symptoms pose a challenge. We invite submissions related to infections during pregnancy (human and animal) and include: viral, bacterial, chlamydial, fungal, and protozoal, their diagnosis and prevention, immunological aspects, cytokine studies, the cord blood cytokine–receptor network, the role of immune cells, the outcomes (which may be normal or fetal anomalies, fatal to the mother or child, or leaving other health complications after birth), comorbidities, and effects on the course of pregnancy and outcome.

Guest Editors

Prof. Dr. Shubhada Bopegamage

Prof. Dr. Katarina Gazdikova

Dr. Mira Horváthová

Dr. Peter Kascak

Deadline for manuscript submissions

31 December 2026



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/281804

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

[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)



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 (Virology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).