

Special Issue

Interaction between *Francisella* Species and the Host Immune System

Message from the Guest Editors

More than a century of research on *Francisella tularensis* has provided significant information on the bacterium itself and its relationship with its host. However, recently the genus *Francisella* contains at least ten species and the taxonomy of the whole genus is somewhat uncertain. Recent advances in infection biology utilizing high-throughput technologies and sophisticated cell biology models and tools have brought new insights into the *Francisella*–host immune system relationship. *Francisella* species seems to be a promising model for host–pathogen interaction studies. The aim of this Special Issue is to provide new knowledge and enable a better understanding of the cellular and molecular events that lead 1) to *Francisella* sp. induced infection and 2) to the induction of protective immunity. Deciphering the extracellular and intracellular mutual interactions between *Francisella* and the host’s molecular and cellular entities is absolutely necessary for the construction of an effective vaccine, which is still lacking.

Guest Editors

Prof. Dr. Ales Macela

University of Defence, Brno, Czech Republic

Dr. Klara Kubelkova

University of Defence, Brno, Czech Republic

Deadline for manuscript submissions

closed (31 December 2021)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/67109

Microorganisms

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 4.1
CiteScore 7.4
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 Systems Biology, 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 - Q2 (Microbiology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 13.4 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 2024).