

Special Issue

SARS-CoV-2: Infection Models and Vaccines

Message from the Guest Editor

The emergence of SARS-CoV-2 presents a considerable challenge for the scientific community and public health. However, the development of vaccines, monoclonal antibodies and antivirals has been spectacular. This accumulation of knowledge has led to a better understanding of COVID-19 and the progression of the disease in patients. Nevertheless, some factors for poor prognosis are not well-understood, for example those faced by the diabetic population. Moreover, mechanisms of escape selection, notably through the emergence of variants, are not well-characterized either. We are pleased to invite you to submit research articles regarding vaccine studies or infection models of SARS-CoV-2. Both in vitro and in vivo models are a complementary approach to describe and explore SARS-CoV-2, and these fundamental experiments could help to elucidate some of these questions. In this Special Issue, original research articles and reviews are welcome, as the current pandemic requires continuous innovation. I look forward to receiving your contributions.

Guest Editor

Dr. Julien Andréani

Department Virology, CHU grenoble Alpes, Grenoble, France

Deadline for manuscript submissions

closed (31 July 2023)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/106700

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 7.7
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 (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).