

# Special Issue

## Immune Modulation to SARS-CoV-2 Vaccination and Infection (Second Edition)

### Message from the Guest Editor

This Special Issue is the continuation of our 2022 Special Issue “Immune Modulation to SARS-CoV-2 Vaccination and Infection” ([https://www.mdpi.com/journal/microorganisms/special\\_issues/438HD65R97](https://www.mdpi.com/journal/microorganisms/special_issues/438HD65R97)). SARS-CoV-2 infected more than 6 million people worldwide, with varying clinical outcomes. Continuous new challenges are emerging for the rapid mutations in the viral genome. Although the vaccination strongly reduced severe illness, and new findings and research continuously expand our knowledge about COVID-19 and SARS-CoV-2 infection, it is critical to investigate the type and the timing of immune response generated using licensed and/or new experimental vaccines, and new efficient approaches based on different delivery systems or route of vaccination. The Special Issue “Immune Modulation to SARS-CoV-2 Vaccination and Infection (Second Edition)” aims to assemble a collection of original research articles and reviews that explore, in pre-clinical and clinical studies, the innate and adaptive immune response elicited by infection with SARS-CoV-2, or induced by different type of vaccines against SARS-CoV-2.

### Guest Editor

Dr. Fabio Fiorino

1. Laboratory of Molecular Microbiology and Biotechnology, Department of Medical Biotechnologies, University of Siena, Siena, Italy
2. Department of Medicine and Surgery, LUM University “Giuseppe Degennaro”, Bari, Casamassima, Italy

### Deadline for manuscript submissions

28 February 2026



**Microorganisms**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 4.2**  
**CiteScore 7.7**  
**Indexed in PubMed**



[mdpi.com/si/251998](https://www.mdpi.com/si/251998)

*Microorganisms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[microorganisms@mdpi.com](mailto:microorganisms@mdpi.com)

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