

## Special Issue

# Antiviral Approaches, Immunological Interventions and Vaccination for Effective Virus Spread Control and Prevention

### Message from the Guest Editors

Viral agents represent one of the main groups of pathogens causing morbidity and mortality in humans. Most of these potential agents cause major epidemics and pandemics, as we have seen recently with SARS-CoV-2. The prevention and control of viral spread are highly desirable. In this sense, we encourage the submission of manuscripts with promising results in the research field of antiviral and vaccines, including but not limited to (1) traditional inactivated or live attenuated vaccines, virus-vectored, subunit, viral-like particle, nucleic acid-based vaccine development; (2) new or repurposed molecules that can act directly against the viruses or modulate molecules of the immune system involved in the pathogenesis of viral pathogens of high clinical relevance.

### Guest Editors

Dr. Milene Dias Miranda

1. Laboratório de Morfologia e Morfogênese Viral, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz, Rio de Janeiro, Brazil
2. Programa de Pós-Graduação em Biologia Celular e Molecular, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz, Rio de Janeiro, Brazil

Dr. Cristiana Couto Garcia

1. Grupo Integrado de Pesquisas em Biomarcadores, Instituto René Rachou, Fundação Oswaldo Cruz, Belo Horizonte, Brazil
2. Laboratório de Vírus Respiratórios, Exantemáticas e Emergências Virais, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz, Rio de Janeiro, Brazil

### Deadline for manuscript submissions

closed (30 June 2025)



## Vaccines

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



[mdpi.com/si/179727](https://mdpi.com/si/179727)

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

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





# Vaccines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Vaccines* (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

---

### Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious Diseases, College of Veterinary Medicine,  
University of Georgia, Athens, GA 30602-7387, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /  
CiteScore - Q1 (Pharmacology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).