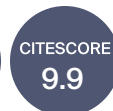




*vaccines*



an Open Access Journal by MDPI

## SARS-CoV-2 Variants, Vaccines, and Immune Responses

Guest Editor:

**Dr. Gianni Gori Savellini**

Dipartimento di Biotecnologie  
Mediche, Università degli Studi di  
Siena, Siena, Italy

Deadline for manuscript  
submissions:

**closed (31 January 2025)**

### Message from the Guest Editor

Our immune system responds promptly to the attack of pathogens in order to limit their spread in the body and prevent the development of disease. However, several factors affect the immune system's efficiency. Virus genetic evolution, which determines antigenic variations, causes virus' escape from the host's acquired immunity, such as that induced by vaccines. A striking example of recent days is SARS-CoV-2, whose extremely rapid genetic evolution has led to the emergence of viral variants capable of escaping vaccine protection. In this Special Issue, researches highlighting the relationship between SARS-CoV-2 and host immune responses, mechanisms for enhancing SARS-CoV-2 immunity, or the viral escape strategies from the immune system to induce symptomatic infection are welcome.



[mdpi.com/si/177080](https://mdpi.com/si/177080)

**Special** Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Ralph A. Tripp**

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

## 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.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**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))

## Contact Us

*Vaccines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/vaccines](http://mdpi.com/journal/vaccines)  
[vaccines@mdpi.com](mailto:vaccines@mdpi.com)  
[X@Vaccines\\_MDPI](https://twitter.com/Vaccines_MDPI)