

## Special Issue

# Vaccine Efficacy, Impact, Hesitancy and Acceptance: Trends for Public Health

### Message from the Guest Editors

Vaccines are major tools used in fighting infections and potentially other diseases. Vaccination led to the eradication of the infection with the smallpox virus and a decrease in the number of cases and mortality related to many other infections. The efficacy of a vaccine and its impact on society can affect, directly and indirectly, the degree of the population's acceptance to be vaccinated. This is a leading factor in the success of a vaccination campaign. To the contrary, the hesitancy of the population to receive the vaccine can negatively affect the efficacy of such campaign. Vaccination depends on the capacity of the immune system to develop efficient responses against pathogen. Therefore, it is essential to understand the detailed mechanisms of the immune responses that affect the efficacy of current vaccines and those under development. This helps understanding the criteria, parameters and correlates that must be considered for the design of efficient vaccines.

---

### Guest Editors

Dr. Elias A. Said

Dr. Ali A. Al-Jabri

Dr. Sylvain Cardinaud

Dr. Alessandra Noto

---

### Deadline for manuscript submissions

closed (31 December 2023)



## Vaccines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 9.9  
Indexed in PubMed



[mdpi.com/si/146143](https://mdpi.com/si/146143)

*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), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

---

### Editor-in-Chief

Prof. Dr. Ger Rijkers

Department of Health, Cognition and Behavior, University College  
Roosevelt, 4331 CB Middelburg, The Netherlands

---

### 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 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).