

Special Issue

Vaccine Design and Development

Message from the Guest Editor

I invite you to contribute to this Special Issue focused on "Vaccine Design and Development". Vaccines are a cornerstone of modern medicine, having a role in the prevention of infectious diseases. Despite the remarkable success of existing vaccines, significant challenges remain. These challenges include new pathogens, antimicrobial resistance, difficulties in developing vaccines for certain diseases, and improved vaccine efficacy, safety, and accessibility. Continued vaccine design and development innovation is essential for addressing these challenges and safeguarding global health. This Special Issue highlights this dynamic field's latest breakthroughs and innovative strategies. This Special Issue will cover various topics, from basic antigen identification and immune response research to developing and evaluating novel vaccine platforms and technologies. Our goal is to focus on innovative approaches pushing the boundaries of vaccinology and contributing to creating more effective and accessible vaccines. Contributions in the form of original research articles and reviews are welcome.

Guest Editor

Dr. Vladimir Temchura

Institute of Clinical and Molecular Virology of the Universitätsklinikum
Erlangen, Schlossgarten 4, 91054 Erlangen, Germany

Deadline for manuscript submissions

31 January 2026



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/230647

Vaccines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, CAPIus / 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).