

Special Issue

System Vaccinology: From Rationale Design to High-Throughput Vaccine Development

Message from the Guest Editor

Given the importance and topicality of systems vaccinology and big data in the vaccine development chain, this Special Issue aims to compile a group of works that show the application of bioinformatics and omics techniques at different levels, such as genes, proteins, cells, tissues, and organs, including their interaction with each other, at any stage of vaccine development. All research articles, methodologies, brief communications, reviews, and meta-analyses will be considered to address scientific questions related to these aspects.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2023)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/126424

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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

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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).