

Special Issue

Immunoinformatic Approaches to Vaccine Design

Message from the Guest Editor

I am pleased to invite you to submit contributions (original research article, reviews, short communication, etc.) to a Special Issue focused on designs, improvements, and vaccination strategies for multi-epitope vaccines using an immunoinformatics approach. The evolution of AI, ML and neural network approaches in vaccine designs has changed the whole process of vaccine conceptualization and their production. Interestingly, today, we can even predict the chances of a candidate vaccine's population coverage and efficacy. With regard to contributions to this Special Issue, full experimental details, including servers/software/data banks, must be provided so that the results can be reproduced, and any computed data or files regarding the full details of the experimental procedure can be deposited as supplementary materials. This Special Issue will feature articles related to computationally designed vaccines, system immunology, computational tools, and new approaches to boost vaccine efficacy. We will also welcome articles related to policy matter discussion regarding the use of the immunoinformatics in vaccine designs.

Guest Editor

Dr. Amit Prasad
Indian Institute of Technology Mandi, Mandi, India

Deadline for manuscript submissions

closed (20 August 2023)



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Vaccines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
vaccines@mdpi.com

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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

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

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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).