

Special Issue

Artificial Intelligence in Vaccine Design

Message from the Guest Editors

In last decade, the areas of data science, informatics, and artificial intelligence (AI) have all experienced great expansion. Machine learning-based (ML) models have provided quick and affordable ways to find efficient treatments and bioinformatics has changed immunology research leading to the discipline of immunoinformatics, in particular in field of infectious disease and virus. The aim of this Special Issue is to bring tools, methods, approaches and potential agents that will provide with new insights for developing new strategies for vaccine or its adjuvant. Experimental papers, review articles and commentaries are all welcome.

Guest Editors

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Dr. Alex Po Leung

Deadline for manuscript submissions

closed (30 December 2023)



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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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Journal Rank:

JCR - Q2 (Medicine, Research and Experimental) /
CiteScore - Q1 (Infectious Diseases)

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).