

## Special Issue

# Hiding in Plain Sight – Vaccines against Highly Variable Pathogens

### Message from the Guest Editors

Vaccination has driven tremendous gains in public health. Vaccines against highly variable pathogens have proved difficult to obtain. Many pathogens display incredible capacity to change their antigenic. In order to unlock pathways to vastly improved vaccines, including but not limited to:

- A mechanistic understanding of how the immune system hierarchically recognizes and responds to antigens (i.e., immunogenicity and immunodominance);
- Strategies to rationally design and/or engineer vaccine immunogens to maximize the conservation or display of highly conserved, protective epitopes (i.e., immune-focusing);
- Strategies to selectively promote and/or maintain highly cross-reactive B- and T-cell responses for broad and durable protection.

This Special Issue will cover the most recent advances and outstanding challenges surrounding immunity and vaccine development against variable viruses, parasites, and bacteria. This Issue aims to incorporate diverse perspectives from specialists in immunology; vaccinology; bio-engineering; structural biology; bacterial, viral, or parasite immunology; and more.

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### Guest Editors

Dr. Davide Angeletti

Institutionen för biomedicin, Göteborgs universitet, Gothenburg, Sweden

Dr. Adam Wheatley

Department of Microbiology and Immunology, University of Melbourne, Melbourne, Australia

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### Deadline for manuscript submissions

closed (31 December 2020)



## Vaccines

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

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### 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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### 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).