



Bacterial Carbohydrate and Protein Vaccine Research

Guest Editors:

Dr. Vana Spoulou

School of Medicine, National and Kapodistrian University of Athens, Athens, Greece

Prof. John Routsias

Department of Microbiology, Athens Medical School, 11527 Athens, Greece

Deadline for manuscript submissions:

closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

Vaccines are one of the most cost-effective way to control infectious diseases. Protein vaccines are composed of purified or recombinant proteinaceous antigens from a pathogen, such as a bacterium or virus. In addition to protein antigens, cell surface carbohydrates are widely used as antigenic components of vaccines. Glycoconjugate vaccines are composed of carbohydrate antigens, covalently linked to a carrier moiety, usually a non-toxic protein.

This Special Issue focuses on protein vaccine and bacterial carbohydrate vaccine. Submission of original articles, systematic reviews, short communications, and other types of article on related topics are welcome. Manuscripts will follow standard Journal peer-review practices, and those accepted for publication will appear in the special issue on Bacterial Carbohydrate and Protein Vaccine Research. We look forward to receiving and welcome your contributions.

Keywords:

- Protein Vaccine
- Polysaccharide Vaccine
- Bacterial Carbohydrates
- Glycoconjugates
- Immunogens
- Peptide Antigens
- Vaccine Adjuvants





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ger Rijkers

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

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

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))

Contact Us

Vaccines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vaccines
vaccines@mdpi.com
[X@Vaccines_MDPI](https://twitter.com/Vaccines_MDPI)