



Microbial Antigen Identification and Vaccine Delivery Systems

Guest Editors:

Prof. Dr. Jorge H. Leitão

Instituto Superior Técnico,
Universidade de Lisboa, 1049-001
Lisboa, Portugal

Dr. Paulo Bettencourt

Centro de Investigação
Interdisciplinar em Saúde,
Faculdade de Medicina,
Universidade Católica
Portuguesa, 2625-631 Rio de
Mouro, Portugal

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Message from the Guest Editors

Vaccine efficacy and immunogenicity depend on the host, pathogen, and pathogenesis of the disease. The optimization of vaccine efficacy is therefore a requirement of many vaccines, including approved ones.

Key aspects of vaccine design and development involve the identification of the foremost immunogenic determinants of a pathogen and the choice of the best delivery system. Different vaccine delivery systems, using the same antigen, can induce variable outcomes.

In this Special Issue, we invite articles focused on innovative methods for immunogenic determinants identification from microbial pathogens and the optimization of microbial delivery systems to improve vaccine efficacy and immunogenicity. We welcome all types of manuscripts accepted in the journal, with a special focus in immunogenic determinant identification, irrespective of their biochemical nature and antigen presentation. Given that the efficacy of a vaccine antigen depends greatly on the delivery method, this Special Issue will also focus on improving microbial-based delivery systems.





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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

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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Contact Us

Vaccines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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