

Special Issue

Vaccines against Pneumococcal Infection

Message from the Guest Editor

Streptococcus pneumoniae is a significant cause of community-acquired morbidity and mortality worldwide in both pediatric and adult populations. In addition to being an important cause of respiratory infections, including pneumonia and otitis media, it also is a leading cause of sepsis and meningitis. In addition to current glycoconjugate vaccines, novel formulations of pneumococcal vaccines are being developed that include non-CPS antigens and induction of Th17 immune responses that may enhance mucosal immunity. I would like to encourage submission to this special issue manuscripts that identify the distribution of pneumococcal capsular polysaccharide serotypes prevalent in various geographic locales and the impact of pneumococcal immunization. I also welcome articles that review the pathophysiology of pneumococcal infection, particularly those that identify novel targets and/or strategies for next-generation pneumococcal vaccines conferring broad coverage. Discussions of novel aspects of the immune responses to these vaccines are also desirable.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)



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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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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).