



Pneumococcal Conjugate Vaccines and Prevention of Non-invasive and Invasive Pneumococcal Diseases

Guest Editor:

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Deadline for manuscript submissions:

closed (31 January 2021)

Message from the Guest Editor

Dear Colleagues,

While PCVs has shown a tremendous efficacy against some serotypes, the vaccine responses and protection against serotype 3 remain low and therefore, a formidable challenge, despite the immense overall efficacy of PCVs. Despite the continued success of PCV immunization, nonvaccine colonization and disease-causing serotypes have emerged. However, the current cost of PCVs makes them less likely to be used extensively in developing countries where the need is the highest.

This Special Issue will focus on pneumococcal anticapsular antibody responses and comprehensive analysis of serotype-specific efficacy of PCV formulations across geographies. The issue will focus on the systematic reduction of non-invasive (sinusitis, otitis media, pneumonia) and invasive serotypes after the administration of PCVs in at-risk human populations, i.e., children, the elderly and immunocompromised. The issue will also focus on nonvaccine emergent serotypes and extension of the valency of new PCVs to address emergent serotypes, as well as newer noncapsular vaccine approaches against pneumococcal diseases.





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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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