

Special Issue

Population Immunity and Persistence to SARS-CoV-2 Induced by Infection and Vaccination, Protection against New Infections and Implication for Further Vaccination

Message from the Guest Editor

Although the World Health Organization declared the end to COVID-19's emergency phase, SARS-CoV-2 will be around for a long time and the risk of new variants remains. Having a good knowledge of the population immunity landscape and dynamics and understanding its protection against infections of variants and the severity after infections are critical for policymaking on actions that countries should take in the new phase of the COVID-19 pandemic. The Special Issue aims to collect the latest research results on the sero-epidemiological characteristics of SARS-CoV-2 infections and vaccination. With this in mind, we are pleased to invite the submission of original research articles and reviews investigating the infection incidence and its severity, population immunity landscape, the kinetics of antibodies following prior infections (with any variant), vaccination (particularly post-licensure), or both (hybrid immunity), protection (and cross-protection) against new variants infections, and providing new ideas for the COVID-19 vaccination strategy in the future.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2024)



Vaccines

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.7
Indexed in PubMed



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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).