

Special Issue

Epidemiology, Vaccinology and Surveillance of COVID-19

Message from the Guest Editors

At present, COVID-19 is still a global pandemic, and SARS-CoV-2 is constantly evolving and mutating, producing variants with different transmissibility and virulence. The rapid spread of COVID-19 causes enormous impacts on social, economic, and healthcare systems in the world. Effective treatments to block the spread of COVID-19 have not been developed yet, so countries implement a series of nontreatment interventions, such as social distancing, isolation, face masks, and quarantine, to reduce its rapid transmission. Therefore, we would like to encourage the presentation to this Special Issue of the molecular characterization of different SARS-CoV-2 variants and the epidemiological characterization of the COVID-19 caused by them. Given that the COVID-19 vaccine can effectively reduce the infection rate and severity rate of COVID-19, topics concerning vaccine effectiveness, safety, willingness to vaccinate, and hesitancy of vaccinating against COVID-19 will also be welcome. Adding new information on these topics could provide a better understanding of the pathogenesis of COVID-19 and help design new surveillance and prevention strategies.

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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.

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Prof. Dr. Ger Rijkers

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).