

Special Issue

Novel Vaccine Stabilization and Delivery Technologies

Message from the Guest Editors

Dealing with the recent impact of the coronavirus pandemic, vaccines have become a topic of every household. To formulate effective prophylactic or therapeutic vaccines, it is becoming apparent that both the innate and adaptive immune systems must be stimulated to protect from current and future recognition of the target antigen. Further, vaccine formulation in a delivery system that has high patient acceptability, which stabilizes the vaccine and also promotes cost-effective delivery, is essential for long-term use. Vaccine stability can be improved by optimizing the composition of formulations by the addition of excipients, thus, restricting molecular mobility and preventing degradation. This Special Issue focuses on different platforms available for developing robust immunotherapies for use as vaccine candidates along with vaccine stabilizations such as lyophilization, spray drying, nanoparticles, lipid vesicles, etc., and their subsequent delivery via various routes of administration. We encourage your submission, with a short turnaround time for publication.

Guest Editors

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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

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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).