



Novel Adjuvants and Delivery Systems for Vaccines

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Deadline for manuscript
submissions:

closed (31 March 2026)

Message from the Guest Editors

Dear Colleagues,

Novel adjuvants and delivery systems for vaccines improve the quality of vaccine production by enhancing the immune response to a vaccine. Adjuvants can strengthen the immune system's response to the vaccine. Adjuvants have been traditionally used to increase the magnitude of the antibody response to a vaccine based on antibody titer or the ability to prevent infection and can guide the type of adaptive response to produce the most effective form of immunity. It is important to consider the construction of vaccine adjuvant delivery systems for both adjuvant activity and antigen delivery.

In this Special Issue, we will explore prospective novel adjuvant approaches to modify innate and adaptive immune responses to ease the development of enhanced prophylactic or therapeutic vaccines. We welcome contributions to vaccine adjuvant advances, immune enhancement mechanisms, rational design, immunostimulatory molecules, emulsions, liposomes, virosomes, and polymers with functional molecules.





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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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