

Special Issue

Vaccine Formulation for Infectious Diseases and Adjuvant Mechanisms of Action

Message from the Guest Editors

The ultimate goal for vaccination is the generation of a safe and effective immune response that protects against diseases. How adjuvants and vaccine formulation can influence the innate immune response and how the cell-mediated and antibody-mediated arms of the adaptive immune response contribute to the development of protective immunity are still largely unknown. We invite you to submit a research article or a review article discussing vaccine formulation and mechanisms of action, especially as they pertain to infectious diseases. The specific themes are:

- Understanding the molecular and immunological mechanisms of adjuvants.
- Novel carriers or delivery vehicles for vaccines and how they function.
- The development of targeted mucosal vaccines.
- Nanoparticles or microparticles and their modes of action.
- How adjuvants contribute to development of immunological memory.
- Novel vaccine formulations and delivery platforms for livestock.

Preference will be given to articles that focus on humans or the target animal species.

Guest Editors

Dr. Heather L. Wilson

Dr. Azita Haddadi

Dr. George Mutwiri

Deadline for manuscript submissions

closed (15 February 2021)



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CiteScore 9.9
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About the Journal

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.

Editor-in-Chief

Prof. Dr. Ralph A. Tripp

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 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 2025).