



Immune Correlates of Protection in Vaccines

Guest Editor:

Dr. Jingyou Yu

Division of Drug and Vaccine
Research, Guangzhou
Laboratory, State Key Laboratory
of Respiratory Disease,
Guangzhou Medical University,
Guangzhou 510320, China

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

Dear Colleagues,

Despite tremendous progress in the medical field, infectious diseases and cancers remain the chief culprit, undermining our quality of life. An inadequate understanding of immune responses during viral infections or tumorigenesis dramatically hampers the development of countermeasures. Moreover, a comprehensive characterization of immune correlates of protection will inform our fundamental understanding of pathogenesis and guide vaccine development. Previous vaccine efforts have underscored the crucial roles of both humoral and cellular immunity against viral pathogens and cancers.

This Special Issue aims to enrich our current knowledge of immune responses, elicited naturally or by vaccination, and their contribution to protective efficacy. We cordially invite research articles and reviews that investigate branches of immunities. This covers but does not limit to innate immunity, T cell immunity, B cell immunity, humoral immunity, trained immunity and so forth. We hope that these highlights will inform superior next-generation vaccine design.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ralph A. Tripp

Department of Infectious
Diseases, College of Veterinary
Medicine, University of Georgia,
Athens, GA 30602-7387, USA

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.**

Journal Rank: JCR - Q1 (Immunology) / CiteScore - Q1 (Pharmacology (medical))

Contact Us

Vaccines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/vaccines
vaccines@mdpi.com