

Special Issue

Host Immune Response to Infectious Diseases

Message from the Guest Editor

Development of effective vaccines against an infectious agent that induces disease requires a comprehensive understanding of the host's immune response towards that pathogen. Successful control of an infection is accomplished through the cooperation of multiple components of both the innate and adaptive immune systems, with different pathogens, including viruses, bacteria, and parasites, each eliciting unique, complex responses. Factors that influence these responses may be inherent to the host, such as age, sex, and genetics, or stem from the environment, such as living or husbandry conditions, hygiene practices, nutrition status, and the microbiome. Furthermore, while the host immune system is responsible for eliminating the pathogen, it may also cause damage to the organism it is working to protect. In this special issue, we welcome articles examining the immune response to a variety of human and veterinary pathogens and its impact on our understanding and ability to develop effective vaccines.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2021)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2024).