

Special Issue

Respiratory Viruses and Antiviral Immunity

Message from the Guest Editors

The respiratory tract is a major portal of entry for viruses into the body. Various strategies exist to control respiratory virus replication and to limit immune-mediated inflammation and tissue injury. This Special Issue is interested in the contributions of physical and chemical barriers to infection and the various innate immune mechanisms and cell types mediating host responses to virus infections—both innate and adaptive immune responses. Particularly, the features of interest include the protective mechanisms and their pathophysiological implications in viral respiratory infections. We are pleased to invite you to contribute to this Special Issue, which aims to describe, interpret, and analyze the role of the antiviral response in various aspects: as a protective barrier, a mechanism of containment or elimination, and as a basis for the pathophysiology of viral respiratory infections. Within this framework, particular interest is given to questions such as what contributes to viral reinfections and the antiviral response leading to disease and damage and how this understanding can be used to develop therapeutic strategies that include vaccines.

Guest Editors

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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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