



Immune Responses to Viruses

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Deadline for manuscript
submissions:
closed (31 October 2024)

Message from the Guest Editors

Dear Colleagues,

Viruses possess an economic and social burden with complex disease mechanisms. They must infect the host cells and use components of the host cell to make copies of virus. They affect individual hosts to various degrees; they survive, replicate, and cause diseases in their hosts. Often, viruses end up killing the host cell in the process, causing damage to the host. Although many studies addressed the viral infections in humans from different aspects, many questions about viral disease mechanisms and preventive and therapeutic interventions remain enigmatic. How does innate and adaptive immunity respond to the virus? What are the underlying disease mechanisms? What are the short- and long-term effects on the infected host? What are the promising therapeutic targets for antiviral drugs? What are the effective and safe vaccines for adults and children?

For this Special Issue, we invite submissions in the form of reviews, research manuscripts, brief reports, as well as follow-up manuscripts that address these issues.





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Editor-in-Chief

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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.

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