

Special Issue

Flaviviruses: Immunity and Vaccine Development

Message from the Guest Editors

The COVID pandemic is a reminder of how vulnerable the world's population is to zoonotic RNA viruses of medical concern. Among the viruses most likely to emerge and re-emerge is the arthropod-borne flavivirus family, which includes dangerous pathogens that currently infect hundreds of millions of people per year. The dengue virus (DENV), West Nile (WNV), yellow fever (YFV), Zika (ZIKV), Japanese encephalitis virus (JEV), tick-borne encephalitis virus (TBEV), and Usutu virus (USUV) are well-known members of the flavivirus family. They are responsible for a wide range of potentially serious visceral, neurotropic, and congenital diseases, as well as fetal death. The purpose of this Special Issue, titled "Flavivirus: Immunity and Vaccine Development", is to present the latest research results, hypothesis, and points of view on the field of flaviviruses–host interactions and conception of vaccine strategies. It is likely to be of interest to a wide range of translational researchers, virologists, cell and molecular biologists, physicians, etc.

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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.

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