



*vaccines*



an Open Access Journal by MDPI

## Frontiers in Flavivirus Vaccines

Guest Editors:

**Dr. Sasha R. Azar**

Department of Pathology,  
University of Texas Medical  
Branch, Galveston, TX 77555, USA

**Dr. Carlos A. Sariol**

Unit of Comparative Medicine,  
School of Medicine, University of  
Puerto Rico, San Juan 00936,  
Puerto Rico

Deadline for manuscript  
submissions:

**closed (30 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

The past three decades have been characterized by an unprecedented emergence of various zoonotic viral agents. Of these, viruses within the *Flavivirus* genus of the family *Flaviviridae* are of particular concern to human health, as demonstrated by the global spread of West Nile virus, the explosive outbreaks of Zika in the Americas, and the enormous disease burden of the four dengue viruses. While vaccines for some *Flaviviruses* (YFV, JEV, TBEV) do exist, there are regional disparities in availability and usage. With the trend towards urbanization, deforestation, and global travel facilitating greater human-animal contact as well as the spread of invasive arthropod vectors beyond their original ranges, additional and novel *Flavivirus* vaccines, vaccine formulations, and strategies will be critical going forward. To that end, the present Special Issue will address advances in, as well as novel *Flavivirus* vaccines, vaccination strategies, vaccine formulations or technologies, and animal models describing correlates of protection.

Dr. Sasha R. Azar

Dr. Carlos A. Sariol

*Guest Editors*



[mdpi.com/si/70483](https://mdpi.com/si/70483)

# Special Issue



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**, **CAPLus / SciFinder**, and **other databases**.

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

## Contact Us

---

*Vaccines* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/vaccines](http://mdpi.com/journal/vaccines)  
[vaccines@mdpi.com](mailto:vaccines@mdpi.com)