



Development of Vaccines against Zika Virus

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Message from the Guest Editors

Zika virus (ZIKV) is a neurotropic, mosquito-transmitted flavivirus, which recently, and alarmingly, has been demonstrated to be transmitted by sexual and transplacental routes. Of relevance is the transplacental route of infection because of its association with the development of microcephaly and other severe birth defects in babies born to ZIKV infected mothers. Currently, there are no approved vaccines or therapies to combat ZIKV infection. Immune-based therapies have historically been successful in controlling a number of viral infections. Therefore, development of new vaccines and therapies that can confer immunity and/or treat clinical symptoms of ZIKV is greatly desired.

I hope that you will agree to share your expertise in this area by writing a review article for our Special Issue. The journal will follow up with instructions and other logistics for your review.

Dr. Kar Muthumani
Guest Editor

Keywords: Zika virus; Flaviviruses; Vaccines; Animal models; Immune responses





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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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