Special Issue

Arbovirus Vaccines That Circulate within the Same Ecological Niche: Zika, Dengue & Chikungunya

Message from the Guest Editors

Arthropod-borne viruses, also named arboviruses, are distributed worldwide and represent a global health burden. Arboviruses have a broad distribution within warmer regions of the world, and many of these viruses are found in the same environment and are transmitted to vertebrate hosts by the same vector, for example, the Zika, Dengue, and Chikungunya viruses are all transmitted to humans by Aedes mosquitoes. In addition to transmission by the same vector, arboviruses share a considerable genetic similarity, as well as clinical manifestations, making their diagnostic and treatment more complex. Hence, prophylactic tools, such as vaccine development, and vector control appear to be the best way to control their presence and prevent their spread to a new environment. Prof. Martin F Bachmann

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About the Journal

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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