Special Issue

Viral Vectored Vaccines: From Design to Clinical Implementation for Emerging Pathogens

Message from the Guest Editors

Over the last decades, an alarming increase in the number of emerging and re-emerging viruses, many of them zoonotic, has been observed. Recent examples include Ebola virus, MERS-CoV, Chikungunya virus, SARS coronaviruses, influenza virus, and Lassa virus, which caused devastating effects on public health and economy. While different vaccine platforms have shown their potential as effective countermeasures against these viruses, there are still gaps in understanding the vaccine-induced immunity and in determining how to improve it in order to develop vaccines that ideally provide complete protection against infection. This Special Issue invites contributions that explore the potential of viral vector vaccines as effective countermeasures against (re)-emerging viruses, including innovative vaccination strategies, advanced antigen designs, and strategies, to improve existing viral vector platforms. We particularly welcome contributions evaluating the potential of viral vector vaccines in both preclinical and clinical studies, with a focus on safety, immunogenicity, and protective efficacy.

Guest Editors

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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