



Host-pathogen Interactions in Ebola, Chikungunya, and Zika Viruses

Guest Editor:

Dr. St Patrick Reid

Department of Pathology and
Microbiology, College of
Medicine and University of
Nebraska Medical Center
(UNMC), Omaha, NE, USA

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Message from the Guest Editor

Dear Colleagues,

The interaction between an invading pathogen and the host factors they engage will determine the outcome of an infection. Broadly speaking, a host factor can play either of two roles during the course of an infection: (1) A given factor can be used by the pathogen to support a productive infection, or (2) A given factor can serve as a countermeasure that is in place to impair the infection process. The precise understanding of the interplay between the function of these factors aids our understanding of the molecular pathogenesis underlying infections. This topic collection focuses on host interaction with three key pathogens: Ebola virus (EBOV), Chikungunya virus (CHIKV), and Zika virus (ZIKV). All three pathogens have emerged recently, with devastating effects globally.

The purpose of this open access topic collection is to assemble a collection of research papers and reviews to enable further communication among scientists in the field. The topic can include any aspect of host interactions with EBOV, CHIKV, and ZIKV.

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Guest Editor





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Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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Diseases Editorial Office
MDPI, St. Alban-Anlage 66
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