



## 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.

Prof. Dr. St Patrick Reid

*Guest Editor*





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2. Frailty and Cognitive  
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46010 Valencia, Spain

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*Diseases* Editorial Office  
MDPI, Grosspeteranlage 5  
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