



Characterization of Antibody Responses to Virus Infections in Humans

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Message from the Guest Editors

Dear Colleagues,

Humoral immunity is an important body defense system against virus infection and is correlated to patient health status. Antibody response is a key factor to controlling virus replication. During infection, viruses induce the production of antibodies differing in their isotype, neutralization capacity, breadth of neutralization, recognition of surface versus internal viral proteins, epitope specificity, and overall structure.

This Special Issue of Pathogens aims at addressing the unresolved key issues that hamper our understanding of the interactions between viruses, antibodies, and other host factors. The new presented studies will shed light on the multifaced biological role that antibodies play during the course of virus infections. Both original research and review articles are welcome. Potential topics include, but are not limited to:

- Structure of immune complexes
- Role of antibodies in pathogenesis of viral infections
- Mechanisms of virus-induced suppression of antibody response
- Dynamics of the humoral immune response during viral infections
- Serological surveillance





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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.

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