



Host Immune Responses to Viral Infections

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Disease outbreaks usually stem from a disruption of the balance between the host and the pathogen. Hosts develop an immune response to viral invasion, and viruses can evade clearance by the host immune system through a variety of mechanisms. The study of host–virus interactions can provide insights into the mechanisms of infection and help solve problems associated with infectious diseases. Despite the large number of studies that have been conducted, our understanding of viral pathogenesis and host response mechanisms remains inadequate. We welcome original research, reviews and opinion articles from authors covering, but not limited to, the following subtopics:

1. Molecular basis of host–virus interactions;
2. Virus invasion and pathogenesis and host immune response;
3. Immune evasion of viruses;
4. Host immune homeostasis during viral infection;
5. Strategies for the prevention, control and therapeutic treatment of viral diseases.





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Message from the Editor-in-Chief

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