

Special Issue

Insights into Viral Pathogenesis: Host Antiviral Responses and Viral Countermeasures

Message from the Guest Editor

Virus–host coevolution has resulted in remarkable diversity in both host antiviral responses and viral countermeasures to overcome such host defenses. Identifying and characterizing virus–host interactions within this evolutionary “arms race” is critical for understanding how the outcomes of these interactions favor either productive viral replication or abortive infection.

For this Special Issue, original research articles, review articles, and short communications are welcome. Research areas of interest include (but are not limited to): host innate and adaptive antiviral immune responses, mechanisms of viral evasion of innate or adaptive immune responses, and animal model studies investigating antiviral host immune responses and/or viral pathogenesis/virulence. Translational studies that apply basic concepts in virus–host interactions to new therapeutic strategies (e.g., oncolytic virotherapy, gene therapy, etc.) are also welcome. Don Gammon

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2025)



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