

Special Issue

Ubiquitin and Ubiquitin-Like Pathways in Viral Infection

Message from the Guest Editor

The Ubiquitin (Ub) system is a major conserved post-translational process critical in many cellular functions, including regulation of immunity, virus replication, and modulation of virus–host interactions. Since the Ub system is also critical for the activation of antiviral immune signaling, this raises the question regarding the importance of Ub in promoting virus replication versus its role in inducing antiviral responses. To develop antiviral strategies, we need a better understanding of which factors of the Ub system can be targeted to reduce virus replication and at the same time decrease immune pathology. In this Special Issue, we will explore novel aspects of virus antagonism of the immune response by targeting the host ubiquitin machinery and how viruses hijack ubiquitin factors to enhance their replication, a mechanism that ultimately can be targeted to design antiviral strategies.

Guest Editor

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