

Special Issue

Kinases in Virus Biology

Message from the Guest Editor

Kinase enzymes are key facilitators of fundamental biological processes, with phosphorylation of proteins and lipids regulating the activity of diverse cell signalling pathways. Viruses may usurp kinase activity to phosphorylate their own or host proteins, conferring pathogenic functions and promoting replication. Kinase enzymes encoded by some viruses may regulate latency and reactivation of persistent infections.

This Special Issue aims to highlight recent scientific advances that feature the role of kinases in viral infection. Submission of original research manuscripts, short communications, and definitive reviews is welcome from researchers in diverse biomedical fields. We encourage contribution of articles pertaining to topics as diverse as antiviral discovery, viral influence on cell signalling events, viral phosphoproteins, viruses and cancer, innate immune defences, regulation of viral replication, and other processes reliant on phosphorylation. Our aim is to showcase underlying themes in viral interactions with kinase processes, in the hope of inspiring insights that cross disciplines and stimulate new collaborations among interested researchers.

Guest Editor

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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