

Special Issue

Innate Immune Responses in Virus Infection

Message from the Guest Editor

The innate immune response to viral infection encompasses a wide range of mechanisms of body cells and tissues that limit the establishment of viral infection, viral replication, and spread. Innate immunity is also a major driver of the adaptive immune response. The innate immune system includes the antiviral response of infected cells, their recognition by effector cells, mechanisms to eliminate damaged cells, and the inflammatory response. Many viruses have evolved various mechanisms to evade the host's innate immune response, including interference with metabolic pathways, inflammasomes, autophagy, and apoptosis. This Special Issue focuses on compiling a wide range of research and review articles that can reveal new aspects and advances in understanding the mechanisms of innate immune responses to various viruses. The articles that potentially define novel targets for antiviral therapies are especially welcomed.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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