Special Issue

Contribution of the Host Cell Integrated Stress Response (ISR) to Immunopathogenesis of Human RNA Viral Infections

Message from the Guest Editor

Human RNA viruses cause infectious diseases through diverse mechanisms. Increasing evidence indicates that RNA virus infection profoundly remodels host cellular pathways involving multiple organelles, including the endoplasmic reticulum (ER), mitochondria, lipid droplets, peroxisomes, endosomes, lysosomes, and phagosomes. Viral reprogramming of these organelles triggers integrated stress responses (ISRs), which in turn activate innate immune signalling pathways and contribute to immunopathogenesis. We invite the submission of original research articles and reviews that address these topics, with particular emphasis on host–virus interactions, organelle stress responses, and immune-mediated pathology during RNA virus infection. RNA viruses of interest include, but are not limited to, flaviviruses, coronaviruses, respiratory syncytial virus, measles virus, and influenza virus. We look forward to your contributions to this Special Issue.

Guest Editor

Prof. Dr. Qiyi Tang
Department of Microbiology, Howard University College of Medicine, Washington, DC, USA

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Viruses
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
viruses@mdpi.com

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Editor-in-Chief

Dr. Eric O. Freed
HIV Dynamics and Replication Program, Center for Cancer Research, National Cancer Institute, Frederick, MD 21702-1201, USA

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