

Special Issue

Exploring New Approaches for Human Cytomegalovirus Inhibition

Message from the Guest Editors

This Special Issue invites the submission of original research articles, reviews, and perspectives that encompass diverse aspects of HCMV inhibition, including, but not limited to: Novel targets and mechanisms for inhibiting HCMV replication; Development and evaluation of antiviral compounds and therapeutic agents against HCMV; Combinatorial approaches and drug-repurposing strategies for HCMV inhibition; Immunotherapeutic interventions and vaccine development for HCMV control; Advancements in diagnostic methods and the monitoring of HCMV infection; Insights into the mechanisms of HCMV drug resistance and management strategies; Computational modeling and drug design approaches for HCMV inhibition; Emerging technologies and platforms for the study of HCMV–host interactions. We aim to foster collaboration, inspire new ideas, and advance our understanding of HCMV inhibition. We encourage researchers to submit their original work to this Special Issue, contributing to the development of effective therapeutic interventions, diagnostic tools, and preventive measures against HCMV.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)



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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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