

Special Issue

Deciphering the CMV Infection: CMV Genome, Virus-Cell Interaction and Vaccine Design

Message from the Guest Editor

Cytomegalovirus (CMV) infection continues to be an important cause of morbidity, especially in individuals with an immature or dysfunctional immune system who develop complications associated with the infection, resulting in an important public health issue. Besides the number of groups trying to understand the dynamic of CMV infection, the complex interaction between CMV and the immune system, the absence of an animal model able to reproduce human physiology associated with CMV, and the lack of information on many of the potential proteins encoded by the CMV genome have limited the knowledge about virus–host interactions. This Special Issue will focus on basic science and translational researches to have a more complete comprehension of the CMV genome, factors that contribute to the CMV virus–cell interaction, and tropism and implications for vaccine design.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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