

Special Issue

Cytomegalovirus Infection and Cytomegalovirus Vaccine

Message from the Guest Editor

Human cytomegalovirus (HCMV) is a widespread herpesvirus that infects most of the human population. In immunocompetent individuals, the infection is asymptomatic, but the virus remains in the lifelong latent state from which reactivation may occur. In immunocompromised people and congenitally infected children, it can cause severe and life-threatening conditions. However, its lifelong persistence and occasional reactivation may also be associated with various pathophysiological conditions in normal individuals. Thus, the development of a vaccine against HCMV is considered a priority in the scientific community. However, the progress toward a vaccine for HCMV has been slow. It appears that additional knowledge about the biology of the virus, its interaction with host cells and the immune system, and the pathophysiology of CMV infection is required for the progress. Thus, this Special Issue aims to collect original research and review articles which can elucidate molecular and biochemical mechanisms of all aspects of CMV pathophysiology and vaccine development.

Guest Editor

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Message from the Editor-in-Chief

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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