



Cytomegalovirus Infection and Cytomegalovirus Vaccine

Guest Editor:

Dr. Pero Lucin

Department of Physiology,
Immunology and
Pathophysiology, Faculty of
Medicine, University of Rijeka,
51000 Rijeka, Croatia

Deadline for manuscript
submissions:

closed (15 March 2023)

Message from the Guest Editor

Dear Colleagues,

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.





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Prof. Dr. Maurizio Battino

Department of
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Specialized Clinical Sciences,
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Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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