Special Issue

Beta-Herpesvirus Infection and Possible Cooperation in the Pathogenesis of Autoimmune Diseases

Message from the Guest Editors

The pathogenesis of several autoimmune diseases remains largely unknown; however, accumulating evidence suggests that autoimmune disorders could be the result of multifactorial processes. Studies on human herpesvirus 7 (HHV-7), a beta-herpesvirus belonging to the *Roseolovirus* genus (as HHV-6) but still lacking pathogenic association with a specific disease, would be also needed to improve and deepen the current knowledge about the potential of beta-herpesvirus in the development of autoimmune diseases. This Special Issue aims to expand the knowledge on the role of beta-herpesvirus, also considering possible cooperation, in the pathogenesis of specific autoimmune diseases and the contribution of potential underlying mechanisms triggering the development of these disorders, also opening new perspectives about the potential therapeutic use of antiherpetic drugs able to block illness progression.

- beta-herpesvirus
- autoimmune disease pathogenesis
- human cytomegalovirus
- human herpesvirus 6
- virus cooperation

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"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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