Special Issue

New Progress in Animal Herpesviruses

Message from the Guest Editor

Animal herpesviruses cause severe diseases with important economic losses beyond the influence of animal health and epidemiologic status. The Herpesviridae is a large virus family with a growing number of identified species, which generally show a long-standing co-evolution of the respective viruses with their hosts as a spectacular evolutionary success. During the past two decades, many herpesviruses have been identified in various hosts worldwide by genetic approaches, efforts to generate mutant herpesviruses for investigating and assigning gene functions of herpesviruses in replication and pathogenesis have been made, and questions about the zoonotic potential of herpesviruses have been raised based on the residual potential to cross host species barriers and to adapt to new hosts considering the OneHealth aspects. This Special Issue aims to report new progress in animal herpesvirus studies, including the viral evolution, genetic pathways, spread, pathogenesis, treatment, immune aspects, host x virus interaction, new approaches and techniques, diagnosis, surveillance, and zoonotic potential of newly discovered and known herpesviruses in different hosts.

Guest Editor

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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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