

Special Issue

Bioinformatics and Computational Biology of Viruses

Message from the Guest Editor

Computational and systems biology, and bioinformatics play an increasingly important role in virology, helping us understand the structure, functioning and interactions of viral molecules, the within-host dynamics of virus infections, the spread of virus epidemics, and the origin and evolution of viruses, as well as the effect and optimal design of human interventions from drug discovery to epidemics control. This Special Issue invites submissions of modelling and bioinformatics papers from all fields of virology at all levels of organization. The scope of methods covers all in silico approaches such as mathematical and simulation models; molecular dynamics; phylogenetic, genomic and network analyses, and analyses of other complex data sets.

Guest Editor

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Message from the Editor-in-Chief

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Editor-in-Chief

Dr. Eric O. Freed

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