Virus Bioinformatics

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Deadline for manuscript submissions:
closed (31 March 2019)

Message from the Guest Editors

This Special Issue is related to the Third Annual Meeting of the European Virus Bioinformatics Center which will be held at the University of Glasgow, Glasgow, UK, in March, 2019.

Bioinformatics is focusing on bacteria and eukaryotic model organisms while virologists have an urgent need of virus-specific bioinformatical tools. Apart from pioneering work on HIV-1, HCV and influenza, these two communities have interacted surprisingly sporadically.

This special issue will present articles covering computational approaches in virology, and we welcome any contributions within this cross-disciplinary field. Sub-topics include (but are not limited to): Virus detection, annotation, and comparison; quasispecies, phylogeny, and cophylogeny; virus–host interaction and replication; as well as drug design. We aim with this Special Issue for excellence and innovation with deep impact for a better, healthy world.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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