Viruses and Tetraspanins

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

Tetraspanins control membrane-based processes such as cell-cell adhesion, migration, and fusion of cellular membranes. Not all that surprisingly, then, members of this family of integral membrane proteins have been implicated in the replication of various viruses. These include, among others, retroviruses (e.g. HIV-1 and HTLV), or HCV, the etiological agent for hepatitis C, for which the tetraspanin CD81 (together with other cell-surface molecules) has been shown to be critical for viral entry.

For this special issue of Viruses, we seek reports on research that will elucidate how exactly specific tetraspanins control discrete steps of viral life cycles. It is our hope that, together, these articles will further our understanding of how these molecular scaffolds regulate the interplay between viruses and their hosts.

Prof. Dr. Markus Thali
Guest Editor

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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