Special Issue

Biology of Viral Surface Glycoproteins

Message from the Guest Editors

The surface glycoproteins of enveloped viruses play a major role in this process as they drive virus contact with host cell surface receptors and penetration into the cytosol. Viral surface glycoproteins are also the primary targets of innate and adaptive immunity. In this Special Issue of *Viruses*, we would like to include opinions, reviews, and research articles that together not only provide a glance into the latest research in virus glycoprotein structure, virus–receptor interactions, and viral fusion, but also highlight the major achievements in the field of biology of virus surface glycoproteins made in recent years. Studies on any aspect of the folding, maturation, glycans, and structure of viral glycoproteins are welcome, including novel technological approaches. Invited are also functional studies that provide new insights into the way viral glycoproteins contribute to signaling, penetration, fusion, and escape from immune effectors and responses. With this Special Issue, we aim to offer a space for enthusiastic discussions on future directions of research on viral glycoproteins and promote some areas that are understudied or emerging.

Guest Editors

Dr. François-Loïc Cosset

CIRI—Centre International de Recherche en Infectiologie, Université de Lyon, Université Claude Bernard Lyon 1, Inserm, U1111, CNRS, UMR5308, ENS Lyon, 46 allée d'Italie, F-69007 Lyon, France

Dr. Solène Denolly

CIRI—Centre International de Recherche en Infectiologie

Dr. Pierre-Yves Lozach

CellNetworks—Cluster of Excellence and Center for Integrative Infectious Diseases Research (CIID), Department of Infectious Diseases, Virology, University Hospital Heidelberg, 69120 Heidelberg, Germany

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Viruses
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
viruses@mdpi.com

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About the Journal

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.

Editor-in-Chief

Dr. Eric O. Freed
HIV Dynamics and Replication Program, Center for Cancer Research, National Cancer Institute, Frederick, MD 21702-1201, USA

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