Special Issue

Application of Advanced Imaging to the Study of Virus Replication

Message from the Guest Editors

For decades, electron microscopy has been the method of choice for the visualization of viruses. More recently, novel fluorescence imaging approaches combined with innovative labeling strategies and tracking algorithms, have opened new and exciting possibilities to study the dynamics of virus–host cell interactions and provide insights into the architecture of subviral structures in a complex cellular environment. This Special Issue of *Viruses* covers recent advances in virology achieved by employing modern fluorescence imaging techniques. We would like to assemble a collection of primary research papers and reviews that focus on insights in the field of virus–cell or virus–host interaction obtained using advanced fluorescence microscopy or spectroscopy approaches. Topics may include virus imaging, single virus tracing or fluorescence analyses, as well as novel labeling strategies or image analysis methods used to elucidate quantitative and dynamic aspects of virus replication and spread.

Guest Editors

Prof. Dr. Barbara Müller

Dept. of Infectious Diseases, Virology, University Hospital Heidelberg, Germany

Prof. Dr. Don C. Lamb

Dept. of Physical Chemistry, Ludwig Maximilians University Munich, Munich, Germany

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

mdpi.com/journal/viruses

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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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