



Molecular Determinants of Enveloped Virus Assembly

Guest Editor:

Dr. Abdul A. Waheed

Virus-Cell Interaction Section, HIV
Dynamics and Replication
Program, Center for Cancer
Research, National Cancer
Institute-Frederick, Frederick, MD
21702, USA

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Message from the Guest Editor

Dear Colleagues,

Enveloped viruses assemble at diverse locations within the infected cell and acquire their lipid bilayers during budding through cellular membranes. Although Gag alone is sufficient for the production of retroviral particles, in several other viral systems, co-expression of multiple viral proteins is required for efficient particle assembly and release. In all enveloped viral systems, incorporation of the envelope glycoproteins is an essential step in the formation of infectious particles, and many viruses undergo maturation events during or shortly after assembly and release. In addition to viral components, cellular factors play critical roles at various stages of virus assembly and release.

The main goal of this issue is to present a collection of papers that will offer special insights into the molecular determinants of viral and cellular factors essential for the assembly of enveloped viruses. I hope that this Special Issue will serve as a valuable resource to both new and established researchers in the field.

Dr. Abdul A. Waheed
Guest Editor





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Editor-in-Chief

Dr. Eric O. Freed

Director, HIV Dynamics and
Replication Program, Center for
Cancer Research, National
Cancer Institute, Frederick, MD
21702-1201, USA

Message from the Editor-in-Chief

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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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Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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