



Retroviral Enzymes

Guest Editor:

Dr. Luis Menéndez-Arias

Centro de Biología Molecular
"Severo Ochoa", Consejo
Superior de Investigaciones
Científicas (CSIC), Universidad
Autónoma de Madrid, c/ Nicolás
Cabrera 1, Campus de
Cantoblanco, 28049 Madrid,
Spain

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Message from the Guest Editor

Dear Colleagues,

The retroviral RNA genome encodes for three enzymes essential for virus replication: (i) the viral protease (PR), that converts the immature virion into a mature virus through the cleavage of precursor polypeptides; (ii) the reverse transcriptase (RT), responsible for the conversion of the single-stranded genomic RNA into double-stranded proviral DNA; and (iii) the integrase (IN) that inserts the proviral DNA into the host cell genome. All of them are important targets for therapeutic intervention. Knowledge on their structure and mechanism of action should help us to design better drugs against AIDS and other diseases caused by retroviruses.

Dr. Luis Menéndez-Arias

Guest Editor





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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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Viruses Editorial Office
MDPI, Grosspeteranlage 5
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