



Transcription and Replication of the Negative-Strand RNA Viruses

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Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editors

The viral RNA of *negative-strand RNA viruses* is always bound to the nucleoprotein (N), creating a helical or double-helical structure (nucleocapsid). Last year, we made a call for manuscripts on the biochemistry and structure of the nucleocapsids of Paramyxoviruses. This year, the call will be on the biochemistry and structure of the transcription and replication of all negative-strand RNA viruses, including influenza, bunyaviruses and *Mononegavirales*, others like measles, respiratory syncytial, Ebola, rabies/VSV and Bornavirus.

This call for manuscripts concentrates on the structure and biochemistry of RNA and proteins in the nucleocapsid, N, P and polymerase (L), shorter proteins from the gene of P (V and C), and all cellular proteins that bind to these viral proteins and complexes.

Recently, N and P have also been shown to form liquid-like, membrane-less compartments which comprise different components of the viral replication complex, forming so-called viral factories. LLPS could also provide protection of the viral RNA and associated RNA transcription machinery from the innate immune system. We are interested in potential manuscripts relating to these findings.





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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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