

## Special Issue

# Molecular Advances in Parvovirus

### Message from the Guest Editor

The evolution of research on the molecular mechanisms of parvoviruses represents a fascinating journey in our understanding of the interactions between these viruses and their hosts. From the initial discoveries of parvoviruses to the present day, there have been technological advancements and breakthroughs in molecular virology, which have significantly enriched our knowledge. This Special Issue invites original research and review articles, covering a diverse array of topics. Research areas of interest encompass an intricate interplay between cells and parvoviruses during viral replication, gene expression, latent or lytic infection, and viral structural protein and enzyme dynamics. Additionally, investigations into virus assembly, cell signaling pathways, post-translational modifications, and host factors are encouraged. Contributions exploring virus immune evasion, host immune responses, viral tumorigenesis or disease mechanisms, as well as developments in antiviral medications, vaccines, animal models, and gene therapy, are highly valued. Be inspired by this fascinating topic on the molecular mechanisms of parvoviruses.

### Guest Editor

Dr. Zahra Kadri

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### Deadline for manuscript submissions

closed (20 September 2025)



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### Message from the Editor-in-Chief

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