

## Special Issue

# Molecular Research of Viral Gastroenteritis

### Message from the Guest Editors

Although it has been secondary to COVID-19 over the past few years, viral gastroenteritis remains a major global threat. It is the leading cause of child mortality, especially in developing countries, and this has been exacerbated by the strain that COVID-19 has placed on healthcare resources. Against rotavirus, an effective prophylactic vaccine has been developed. However, the norovirus vaccine is not yet available. In addition, new mutant strains being replaced these viruses and the emergence of new viruses (such as sapoviruses and bocaviruses) pose a threat. In this Special Issue, we will discuss virus mutations, molecular epidemiological analysis, host immune responses, environmental factors, zoonotic aspects, and the role of the intestinal microbiome. Developing rapid and accurate molecular diagnostic methods, bedside or laboratory markers of serious complications (such as encephalopathy and sepsis), and novel antiviral medications is crucial from a clinical standpoint. This Special Issue seeks to establish the molecular virological landmarks of the first two decades of the 21st century and aims to await clarification.

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### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

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CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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