

## Special Issue

# Advances in Understanding Respiratory Virus–Host Interactions

### Message from the Guest Editor

Respiratory viruses pose a significant threat to global health, and understanding their intricate interactions with host organisms at the molecular level is crucial for developing effective countermeasures. This Special Issue of the International Journal of Molecular Sciences (IJMS), “Advances in Understanding Respiratory Virus–Host Interactions”, aims to gather cutting-edge molecular research in this field. We invite original research and reviews providing in-depth molecular insights into viral entry, replication, pathogenesis, and host-immune responses. Studies employing advanced molecular techniques like omics approaches (genomics, transcriptomics, and proteomics), structural biology, and molecular imaging to elucidate the molecular basis of infection are highly encouraged. By focusing on molecular data, this collection aims to advance our fundamental understanding and facilitate the development of novel diagnostics and therapeutics against respiratory viral diseases. Dr. Junji Zhu ([ZHUJ6@ccf.org](mailto:ZHUJ6@ccf.org), Florida Research and Innovation Center, Cleveland Clinic) is the Assistant, and Dr. Junji Zhu helps manage this Special Issue.

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### Guest Editor

Dr. Kun Li

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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