



COVID-19 and Future Pathogens

Guest Editor:

Dr. Sanjay Kumar Singh Patel

Department of Chemical
Engineering, Konkuk University,
Seoul 05029, Republic of Korea

Deadline for manuscript
submissions:

closed (30 December 2023)

Message from the Guest Editor

Dear Colleagues,

This special issue will cover a research topic focused on recent advancements in the approaches to combat pathogens, including viruses, bacteria, and fungi that cause infectious diseases in animals, humans, and plants by significantly influencing their health. A better understanding of such infectious agents and adaptation of biotechnological and nano-technological methodologies for their prevention are crucial for sustainable development.

The recent pandemic is caused by COVID-19, multiple variants of which enhanced the spreading of the viruses among the worldwide population. These different variants affect the diagnosis and treatment strategies for COVID-19 for sustainable development. Apart from the COVID-19, various other infectious diseases are caused by viruses, bacteria, and fungi or related organisms in plants, animals, and humans. A better understanding of pathogens, host-pathogen interactions, prediction of future pathogens, adaptive evolution (including non-pathogen conversion to pathogens), and sustainable treatment strategies, including management of microbial pathogens by uses of quorum sensing inhibitors derived from natural or biological origin.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI