



Bacteriophage: Molecular Ecology and Pharmacology

Guest Editor:

Prof. Dr. Andrey Letarov

Federal Research Center
“Fundamentals of
Biotechnology” of Russian
Academy of Sciences, Leninsky
Prospect, 33, Build. 2, 119071
Moscow, Russia

Deadline for manuscript
submissions:

closed (25 April 2024)

Message from the Guest Editor

To this special issue we are aiming to attract high-level research and review papers concerning molecular aspects of bacteriophage ecology in the broad sense of the latter term. This will include the papers on bacteriophage genomics and metagenomics in free-living or symbiotic microbial systems, mechanisms of bacteriophage host range determination, influence of bacterial physiology on interactions with viruses and other ecologically relevant research topics. The papers regarding direct phage interactions with macroorganisms, including phage pharmacokinetics issues are specially welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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