



## Advances in Antimicrobial and Macromolecules Materials

Guest Editors:

**Prof. Dr. Ángel Serrano-Aroca**

**Dr. Murtaza M. Tambuwala**

**Dr. Martin Birkett**

Deadline for manuscript  
submissions:

**closed (15 May 2023)**

### Message from the Guest Editors

The recent outbreak of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes coronavirus disease 2019 (COVID-19), is a clear example of how pathogens can cause disastrous effects on global human health and the economy. The next forecasted pandemics will occur due to antimicrobial resistance, which is increasing at an alarming rate. Important viral and bacterial transmission pathways are via material contact and aerosols. Therefore, the development of new antimicrobial materials and coatings capable of preventing viral and bacterial transmission is becoming more and more important to keep humans safe from emerging infectious pathogens. Contributions to this Special Issue will provide new insights into antimicrobial solutions that can prevent viral and bacterial infectious; particularly against SARS-CoV-2. Types of manuscripts to be featured include articles and reviews.





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