



## Novel Antimicrobial Agents

Guest Editor:

**Dr. Inês Bártolo**

imed.Ulisboa, Faculty of  
Pharmacy, Lisbon University,  
1649-019 Lisbon, Portugal

Deadline for manuscript  
submissions:

**30 August 2024**

### Message from the Guest Editor

Dear Colleagues,

The need for novel antimicrobial agents is pressing due to the increasing prevalence of antimicrobial-resistant microorganisms. Antimicrobial resistance (AMR) is a major global health threat that has been exacerbated by the overuse and misuse of antimicrobials. AMR occurs when microorganisms evolve to become resistant to the drugs that are designed to kill them, leading to the development of so-called “superbugs” that are difficult or impossible to treat. These “superbugs” can cause severe infections and are a major concern for public health. To combat the growing problem of AMR, it is crucial to develop new antimicrobial agents that can effectively kill these resistant microorganisms. These novel agents could include new types of antibiotics, as well as antivirals, antifungals, and antiparasitics. In addition to developing these agents, it is also important to ensure that they are used responsibly in order to minimize the development of resistance. Overall, the need for novel antimicrobial agents is crucial for protecting public health and addressing the global threat of AMR.





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