



New Approaches to Fighting Infectious Diseases: Overcoming the Antimicrobial Resistance in Current Treatments

Guest Editors:

Dr. Antonia Efstathiou

Immunology of Infection Group,
Department of Microbiology,
Hellenic Pasteur Institute, 11521
Athens, Greece

Dr. Dimitra K. Toubanaki

Immunology of Infection Group,
Department of Microbiology,
Hellenic Pasteur Institute, 11521
Athens, Greece

Deadline for manuscript
submissions:

20 September 2024

Message from the Guest Editors

In recent years, the rise of antimicrobial resistance (AMR) has posed a significant challenge to the effective treatment of infectious diseases. Therefore, over the last few years, researchers have focused on different approaches to combat AMR on infectious diseases (rational drug design in silico, identification of novel targets to fight the pathogens, research into new natural antimicrobial agents, antimicrobial peptides, combinatorial therapies with synergistic properties, alternative and more potent drug carriers, etc.). Overall, combating antimicrobial resistance requires a multifaceted approach. By embracing new therapies, optimizing existing treatments and implementing effective preventive measures, we can enhance our ability to fight infectious diseases and mitigate the challenges posed by antimicrobial resistance.

For this Special Issue, we invite research investigators focusing on these fields to submit original research articles or reviews describing and discussing the most recent advancements and developments in basic science and biomedical applications concerning infectious diseases and treatment approaches in the AMR era.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química e Bioquímica (CQB), Faculdade de Ciências, Universidade de Lisboa (FCUL), Rua Ernesto de Vasconcelos, Campo Grande, Edifício C8, 5º Piso, 1749-016 Lisboa, Portugal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

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](#), [Embase](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Pharmaceutical Science*)

Contact Us

Pharmaceuticals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/pharmaceuticals
pharmaceuticals@mdpi.com