

Special Issue

Antimicrobial Biomaterials

Message from the Guest Editor

Microbial infections have become a top concern according to the World Health Organization, particularly considering the increased occurrence of multidrug-resistant pathogens. Antimicrobial biomaterials offer a promising strategy to combat microbial infections as they can kill microbes or inhibit microbial growth on their surface or within their surrounding environment. This Special Issue is seeking manuscript submissions on all aspects of antimicrobial biomaterials, especially on the design and fabrication of novel biomaterials, the functionality of biomaterials under conditions simulating in vivo, the mode of action of antimicrobial materials, and microbe and material interactions. All submission types, including original research manuscripts, short communications, and reviews, are appreciated.

Guest Editor

Dr. Qun Ren

Laboratory for Biointerfaces, Empa, the Swiss Federal Laboratories for Materials Science and Technology, St. Gallen, Switzerland

Deadline for manuscript submissions

closed (30 June 2022)



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/104384

Antibiotics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antibiotics@mdpi.com

[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)





Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)



About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

Prof. Dr. Nicholas Dixon
School of Chemistry and Molecular Bioscience, University of
Wollongong, Wollongong, NSW 2522, Australia

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Infectious Diseases) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)