

## Special Issue

# Uropathogens - Antibiotic Resistance and Alternative Therapies

### Message from the Guest Editors

The knowing of regional differences concerning uropathogens responsible for UTIs and their antibiotic susceptibility is crucial for public health and important in empirical therapy to promote proper use of the existing chemotherapeutics. In addition, there is a great need to find new antimicrobial agents, alternative to antibiotics or additional prophylactic strategies to control UTIs, including biofilm formation in urinary tract and on urinary catheters. Among these innovative agents, phytochemicals, preventive vaccines, probiotics, bacteriophages and nanoparticles seem to be the most promising. In this Special Issue the manuscripts presenting all aspects of the problem of drug resistance of uropathogens as well as innovative approaches for treatment of UTIs are welcome.

### Guest Editors

Dr. Barbara Kot

Institute of Biological Sciences, Faculty of Exact and Natural Sciences, Siedlce University of Natural Sciences and Humanities, B. Prusa 14, 08-110 Siedlce, Poland

Dr. Piotr Szveda

Department of Pharmaceutical Technology and Biochemistry, Faculty of Chemistry, Gdansk University of Technology, Gdansk, Poland

### Deadline for manuscript submissions

closed (31 March 2021)



## Antibiotics

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/78817](https://mdpi.com/si/78817)

*Antibiotics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antibiotics@mdpi.com](mailto: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)