

Special Issue

Small-Molecule Antibiotic Drug Development

Message from the Guest Editor

Bacterial infections constitute one of the major cases of primary medical incidences worldwide. Historically, the fight against bacterial infections in humans has been an ongoing battle due to the ability of bacteria to adapt and to survive. After a century of engagement in the fight against bacterial infections, the scientific community continues to intensively search for new therapeutic agents, especially those active against resistant bacteria. In this Special Issue, we are looking for all kinds of articles regarding the development of antibiotics based on small molecules. From the synthetic to the medical community, going through biological studies of new mechanisms of action, we pretend to collect interesting and novel ideas around antibiotic drug discovery. In addition, we open the door to new technologies and treatments to overcome the classical resistance exhibited by bacteria.

Guest Editor

Dr. Miguel García-Castro

Centro María Zambrano, Universidad Nacional de Educación a Distancia (UNED), Málaga, Spain

Deadline for manuscript submissions

closed (20 December 2025)



Targets

an Open Access Journal
by MDPI



mdpi.com/si/216609

Targets

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

mdpi.com/journal/

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





Targets

an Open Access Journal
by MDPI



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



About the Journal

Message from the Editor-in-Chief

Targets is an Open access journal devoted to the fast publication of the latest achievements in bio-detection and therapy. It provides important supports for the development of the related interdisciplinary areas of chemistry, life science, biomedicine, material science, and environment science, particularly in new drug development, disease diagnosis, early warning and targeted therapy, life process study, food and environment safety monitoring, quality control of products, forensic medicine, and even anti-terrorism.

Editor-in-Chief

Prof. Dr. Huangxian Ju
State Key Laboratory of Analytical Chemistry for Life Science, School of Chemistry and Chemical Engineering, Nanjing University, Nanjing 210023, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.