

## Special Issue

# Mechanisms of Antibiotic Action and Resistance

### Message from the Guest Editor

It is with great pleasure that I announce a new Pharmaceuticals Special Issue on ‘Mechanisms of Antibiotic Action and Resistance’.

Antimicrobial resistance is one of the biggest challenges to global health, and despite recent efforts to develop new antibiotics and slow the spread of resistance, the problem persists.

This Special Issue aims at establishing a collection of papers exploring the mechanistic diversity of antibiotic action and bacterial adaptation strategies. We particularly encourage the submission of articles covering the mechanisms of novel antibiotic molecules, new insights into mechanisms of established antibiotics, mechanisms of drug interactions such as synergy and antagonism, antibiotic resistance and adaptation mechanisms including stress responses, new approaches to inhibit bacterial growth directly or to impair, e.g., fitness, virulence, or pathogenicity, as well as tools to study such mechanisms. Studies on non-bacterial microbial pathogens and antimicrobials in a broader sense are welcome. We are looking forward to receiving both original research and review articles on this exciting research topic.

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### Guest Editor

Dr. Michaela Wenzel

Department of Biology and Biological Engineering, Division of Chemical Biology, Chalmers University of Technology, Gothenburg, Sweden

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### Deadline for manuscript submissions

closed (28 February 2022)



## Pharmaceuticals

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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