Special Issue

Targeting Bacterial Metabolism with Natural and Synthetic Inhibitors

Message from the Guest Editors

This Special Issue focuses on inhibitors that target bacterial metabolism and are used to explore the metabolic pathways of prokaryotic cells. We aim to analyze natural and synthetic compounds that target the same metabolic pathway via comparative studies. The increasing prevalence of multi-drug resistant bacterial strains has intensified research efforts into finding new inhibitors to manage human infections, especially in treating nosocomial infections, which particularly affect immunosuppressed individuals. It is particularly pertinent to explore other suitable targets, such as enzymes involved in different metabolic pathways. In this Special Issue, we seek research articles and reviews that present innovative findings that advance our knowledge of inhibitors of bacterial metabolism.

Guest Editors

Dr. Mihaela Ileana Ionescu

Dr. Cristina Nastasă

Prof. Dr. Ovidiu Oniga

Deadline for manuscript submissions

closed (25 November 2025)



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

mdpi.com/journal/ pharmaceuticals





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

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 Cièncias, Universidade de Lisboa, Lisboa, Portugal

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