

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

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Deadline for manuscript submissions

closed (29 May 2026)



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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*.

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

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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