Topical Collection

Antibiotics & Superbugs: New Strategies to Combat Antimicrobial Resistance

Message from the Collection Editor

We are pleased to invite you to submit original articles or reviews to the Topical Collection in *Molecules* entitled "Antibiotics & Superbugs: New Strategies to Combat Antimicrobial Resistance". The rise of bacterial resistance to antibiotics is well documented both in the scientific literature and in the popular press. This Collection seeks cutting-edge research addressing antibiotics chemistry: antibacterial discovery and development to the synthesis and biosynthesis of antibiotics; characterisation of resistance mechanisms and the development of strategies to combat resistance; mechanism of action studies; strategies that target quorum sensing, virulence factors or antibacterial vaccines. Both review and original research articles are welcome, which should address non-conventional approaches and future challenges in this rapidly growing field.

- antibacterials
- antimicrobial agents
- antibiotic resistance
- superbugs
- antibacterial natural products
- biosynthesis of antibiotics
- antibiotic drug discovery
- antibacterial vaccines

Collection Editor

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

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