



Frontiers in Antimicrobial Drug Discovery and Design

Guest Editors:

Prof. Dr. Daniela Barlocco

Dipartimento di Scienze
Farmaceutiche, Università degli
Studi di Milano, Via L. Mangiagalli
25, 20133 Milano, Italy

Dr. Fiorella Meneghetti

Department of Pharmaceutical
Sciences, University of Milan, Via
L. Mangiagalli 25, 20133 Milano,
Italy

Deadline for manuscript
submissions:

closed (10 April 2017)

Message from the Guest Editors

Dear Colleagues,

Infectious diseases still account for a substantial proportion of deaths worldwide. The plague of antimicrobial resistance represents an alarming signal for both human and animal healthcare.

There is of great interest in the opportunities and challenges associated with tackling infectious diseases for developing effective and possibly cheap antimicrobial agents endowed with new mechanisms of action.

The discovery of new antimicrobials as well as the expansion of existing antibiotics utility would be crucial to fight the ever-increasing antimicrobial resistance of “superbugs”, pathogenic fungi, viruses, and parasites.

This Special Issue aims to highlight the recent medicinal chemistry research on new antimicrobial drugs.

Prof. Dr. Daniela Barlocco

Dr. Fiorella Meneghetti

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)