

Special Issue

The Gut Microbiota as Potential Therapeutic Targets for Synthetic Chemical Entities and Natural Products

Message from the Guest Editor

We have established this Special Issue: “The Gut Microbiota as Potential Therapeutic Targets for Synthetic Chemical Entities and Natural Products”, which will focus on:

- Large and small molecular weight synthetic or natural products that promote health, and/or ameliorate diseases by targeting the gut microbiota;
- Crude natural products, purified compounds of synthetic or natural origin or drug combination approaches on targeting the gut microbiota;
- Molecules that enhance the bioavailability of drugs and biological agents through modulation of the gut microbiota;
- The medicinal chemistry of the gut microbiota modulators;
Selective targeting of the gut microbiota by bioactive agents to improve the efficacy of therapeutic agents/approaches;
- Modulation of the gut microbiota products (e.g., SCFAs) by bioactive compounds and or potential drugs in health and disease;

You are welcome to visit the [website](#), submit the [abstract](#) and [full paper](#). Any questions please feel free to contact Larry Li (larry.li@mdpi.com). We look forward to receiving your contribution.

Guest Editor

Dr. Solomon Habtemariam

Herbal Analysis Services UK, Greenwich, University of Greenwich, SE10 9LS London, UK

Deadline for manuscript submissions

closed (31 March 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/43437

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

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).