

Special Issue

Potential of Astaxanthin in Drug Development

Message from the Guest Editor

This Special Issue is intended to highlight recent research on astaxanthin drug development. Original research on chemical modifications of astaxanthin, inclusions and encapsulations of astaxanthin in nano / microparticles, pharmaceutical formulations, drug administration studies, adsorption / diffusion studies for oral or dermal administration, biological evaluations (in vitro, in vivo, clinical) and reviews to highlight the potential of astaxanthin in drug development are recommended to be presented in this Special Issue.

- astaxanthin
- formulations
- chemical evaluation
- antioxidant activity
- nanoparticles
- diffusion studies
- oral administration
- biological activity

We kindly invite you to contribute an excellent paper to the SI. You are welcome to visit the [website](#) and submit your paper [here](#). If you have any questions, please feel free to contact Cecilia Li (cecilia.li@mdpi.com), the managing editor from *Molecules* editorial office.

Guest Editor

Dr. Graciela Pavon-Djavid

Laboratory for Vascular Translational Science, Cardiovascular Bioengineering, Université Sorbonne Paris Nord-INSERM U1148, 99 Av. Jean-Baptiste Clément, 93430 Villetaneuse, France

Deadline for manuscript submissions

closed (31 December 2022)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/95302

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).