# **Special Issue**

# Exploring Bioactive Compounds in Foods and Nutrients for Human Health

## Message from the Guest Editors

In the 5th century BC, Hippocrates, a physician, philosopher, and the man considered the father of medicine, said "Let food be thy medicine and medicine be thy food", a phrase which is used to this day. With the continuous evolution of science and technology, this statement has gained increasing relevance and scientific support. Incorporating bioactive compounds into the diet by consuming foods such as fruits, vegetables, spices, fermented products, and propolis. among others, has emerged as a valuable nutritional strategy. These bioactive compounds include exogenous antioxidants which have anti-inflammatory properties. Furthermore, many of these bioactives are metabolized by the intestinal microbiota, aiding in its modulation and, consequently, promoting overall health. This Special Issue, "Exploring Bioactive Compounds in Foods and Nutrients for Human Health", seeks to bring together cutting-edge research that highlights the roles and health benefits of the bioactive compounds and nutrients found in food. We invite contributions that enhance our understanding of how diet can influence health through biochemical, physiological, and microbiological pathways.

#### **Guest Editors**

Prof. Dr. Denise Mafra

Graduate Program in Nutrition Sciences, Federal Fluminense University Niterói-Rio de Janeiro (RJ), Niterói 24033-900, RJ, Brazil

Dr. Livia Alvarenga

Department of Cardiopneumology, Faculty of Medicine of the University of São Paulo (FMUSP), University of São Paulo, São Paulo 01246-903, SP, Brazil

## Deadline for manuscript submissions

30 April 2026



# **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/241623

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

mdpi.com/journal/ molecules





# **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



## **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**

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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

