## **Special Issue**

### Bioactive Compounds and Small Molecules with Neuroprotective and Anti-Inflammatory Functions

### Message from the Guest Editor

Most neurodegenerative diseases are defined as complex multifactorial disorders, with genetic and environmental factors areatly contributing to their onset. The relevance of lifestyle, including diet and exercise, has been associated with improved learning and memory capacity, delayed age-related cognitive decline, and a reduced risk of neurodegeneration. The bioactive compounds and small molecules found in food exhibit beneficial effects, such as antioxidant, antiinflammatory, and neuroprotective. Supplementation with bioactive compounds is a valuable tool for strengthening neuroprotection and preventing inflammatory diseases. Therefore, there is increasing interest in identifying nutrients or dietary treatments that are neuroprotective and anti-inflammatory. This Special Issue, entitled "Bioactive Compounds and Small Molecules with Neuroprotective and Anti-Inflammatory Functions", welcomes the submission of both original research manuscripts and reviews concerning the in vitro and in vivo biological effects of bioactive foods and small molecules and their potential therapeutic applications in neuroprotection and inflammatory diseases.

### Guest Editor

Prof. Dr. Chiara Porro Department of Clinical and Experimental Medicine, University of Foggia, 71121 Foggia, Italy

### Deadline for manuscript submissions

31 December 2025



# Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/224665

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



molecules



### 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).