

Special Issue

Advances in Nutritional Approach to the Neurodegenerative Diseases

Message from the Guest Editors

Neurodegenerative diseases are among the major health conditions that affect neurons in the human brain and result in the progressive degeneration or death of nervous system cells. To date, among the therapeutic strategies to reduce the progression of these diseases, nutritional strategies, mainly aimed at alleviating the symptoms of patients, such as inflammation, metabolic alterations, dysbiosis of commensal microbiota, and loss of neuronal structures, are highly relevant and have already proven to be beneficial for some patients. This research topic aims to collect original research studies, reviews, and case reports which focus on new nutritional strategies to improve patient well-being. Furthermore, we also aim to collect studies that focus on the biological mechanisms of the activity of supplements, nutraceuticals, and other alternative medicine approaches that have the potential to significantly influence the health and quality of the lives of patients affected by neurodegenerative diseases.

Guest Editors

Dr. Erica Costantini

Department of Medicine and Aging Science, University "G. D'Annunzio",
Via dei Vestini, 66100 Chieti, Italy

Dr. Marcella Reale

Department of Medical, Oral and Biotechnological Sciences, Unit of
Immunodiagnostic and Molecular Pathology, University "G.d'Annunzio",
Via Dei Vestini 31, 66100 Chieti, Italy

Deadline for manuscript submissions

closed (20 February 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/163248

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

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