

Special Issue

Autophagy in Health, Aging and Disease, 4th Edition

Message from the Guest Editors

Autophagy is an evolutionarily conserved intracellular catabolic process. It has an essential role in cellular homeostasis, facilitating lysosomal degradation and the recycling of harmful and damaged cytoplasmic components. This Special Issue of the *International Journal of Molecular Sciences*, “Autophagy in Health, Aging and Disease 4.0”, will include a selection of original articles and reviews aimed at expanding our understanding of this multifaceted process and providing support for further investigations on the role of autophagy in cellular homeostasis, aging, and disease. In particular, it will contribute to better explaining the complex machinery of autophagy and lead to further investigations on physiological and pathological fields in which the study of this process is still in its infancy. Moreover, studies on the role of autophagy in age-related processes to open new avenues for the development of novel potential anti-aging therapeutic approaches are also welcome.

Guest Editors

Dr. Mirko Pesce

Prof. Dr. Antonia Patruno

Dr. Maccarone Rita

Deadline for manuscript submissions

closed (31 July 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/159624

*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)