

Special Issue

Neuronal Protein Homeostasis in Health and Disease

Message from the Guest Editor

Protein homeostasis is crucial for the maintenance of neuronal integrity and functions. Disturbances are associated with premature aging, neurodegenerative and neuropsychiatric diseases or inability to adapt to mild stresses. The protein balance is particularly challenged under stress imposed by, e.g., ischemia, nutrient deficiency, metabolic damage, infection, inflammation, axonal trauma, or immune attack, because ER stress may enhance mis-folding, and enhanced loads of damaged proteins need to be removed to allow for regeneration and renewal. In the present Special Issue, we invite contributions related to protein homeostasis in neurons and neurological diseases. For detailed information, you can refer to http://www.mdpi.com/journal/ijms/special_issues/proteostasis_neuronal_repair_longevity_2016.

Guest Editor

Prof. Dr. Irmgard Tegeder

Pharmazentrum Frankfurt, Dept. of Clinical Pharmacology, Goethe-University of Frankfurt, Theodor Stern Kai 7, Bd. 74, 4th Fl, 60590 Frankfurt am Main, Germany

Deadline for manuscript submissions

closed (30 June 2017)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/6373

*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](http://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)