



Molecular Mechanisms of Neuronal Death in Neurodegeneration

Guest Editors:

Prof. Dr. Rickie Patani

The Francis Crick Institute and
UCL Queen Square Institute of
Neurology, London, UK

Dr. Andrea Serio

King's College London & The
Francis Crick Institute, London,
UK

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Neurodegeneration comprises a group of devastating and incurable yet demographically inevitable diseases, given our aging population. Archetypal members of this group include Alzheimer's disease, Parkinson's disease, motor neuron disease (ALS), and multiple sclerosis. The precise mechanisms by which neurons initially become dysfunctional and ultimately degenerate remain largely unresolved. This Special Issue focuses specifically on molecular mechanisms underlying neurodegenerative diseases, including cell autonomous mechanisms of neuronal subtype selective vulnerability, non-cell autonomous mechanisms of neuronal dysfunction, and molecular and cellular phases of diseases. Original manuscripts and reviews dealing with these issues are most welcome from outstanding experts on the topic.





an Open Access Journal by MDPI

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

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.

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 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI