



Cell Death and Neurodegenerative Diseases: Mechanisms and Cytoprotective Molecules

Guest Editor:

Dr. Anne Vejux

Team “Biochemistry of the Peroxisome, Inflammation and Lipid Metabolism”, Université de Bourgogne, 21000 Dijon, France

Deadline for manuscript
submissions:

closed (30 August 2020)

Message from the Guest Editor

Neurodegenerative diseases include demyelinating neurodegenerative diseases: multiple sclerosis and peroxysomal and nondemyelinating leukodystrophies: Alzheimer’s disease, Parkinson’s disease, Niemann–Pick disease, Huntington’s disease and amyotrophic lateral sclerosis or Charcot disease. One of the mechanisms involved in these pathologies is cell death, whether it be a cause or a consequence of the disease.

It is therefore important to better understand the involvement of cell death, the cellular and molecular mechanisms leading to it and to identify the natural or unnatural molecules that can thwart this cell death. Apoptosis, autophagy, necroptosis or other forms of cell death can be interesting therapeutic targets to combat the development of these neurodegenerative diseases.





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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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