



## Cell Death, Inflammation and Oxidative Stress in Neurodegenerative Diseases: Mechanisms and Cytoprotective Molecules

Guest Editor:

**Dr. Anne Vejux**

Centre des Sciences du Goût et  
de l'Alimentation, Equipe 5,  
Neurobiologie des  
Comportements Alimentaires,  
Université de Bourgogne, 21000  
Dijon, France

Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

This Special Issue is the continuation of our previous special issue "Cell Death and Neurodegenerative Diseases: Mechanisms and Cytoprotective Molecules".

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. Among the mechanisms involved in these pathologies, inflammation, oxidative stress and cell death play very important roles in the pathophysiology. It is, therefore, important to better understand the involvement of cell death, inflammation and oxidative stress, as well as the cellular and molecular mechanisms leading to it, and to identify the natural or unnatural molecules that can thwart these mechanisms.





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