



## CNS Drug Action in Neurodegenerative Diseases 3.0

Guest Editor:

**Prof. Dr. Stefanie Kuerten**

Institute of Neuroanatomy,  
Faculty of Medicine, University of  
Bonn, 53115 Bonn, Germany

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editor

Dear Colleagues,

Amyotrophic lateral sclerosis, multiple sclerosis, Alzheimer's, and Parkinson's disease are neurodegenerative diseases of the central nervous system, which represent a major socioeconomic burden to society. All of these diseases are similar in that their etiology is still unclear and there are different theories on their pathogenesis. While most drugs that are approved to treat neurodegeneration are able to reduce clinical symptoms and slow down disease progression, they cannot cure the disease. In addition, the availability of suitable biomarkers that could predict treatment success is very limited, so that patient-oriented therapy has remained a future goal. Yet, intensive research is ongoing to eventually unravel the mechanisms underlying neurodegeneration and central nervous system repair. This open-access Special Issue will bring together original research and review articles on the mode of action of different drugs that were designed to limit neurodegeneration, support neuroprotection, and/or to promote neural repair, highlighting what has already been achieved.





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