



## Parkinson's Disease: New Molecular and Cellular Mechanistic Insights, Causality and Interventions

Guest Editors:

**Prof. Dr. José G. Castaño**

Department of Biochemistry,  
Medical School of the  
Autonomous University of  
Madrid, Madrid, Spain

**Dr. Beatriz Álvarez-Castelao**

Department of Biochemistry and  
Molecular Biology, Veterinary  
School, Complutense University  
of Madrid, Avda Puerta De Hierro  
S/N, 28040 Madrid, Spain

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

This Special Issue focuses on addressing a comprehensive relationship between certain molecular and cellular cues and the pathological pathways implicated in the onset and progression of the disease. A robust body of knowledge regarding the multilevel processes involved in the maintenance of an adequate cellular homeostasis will transcend observational and experimental correlational studies and will unveil dependent and independent causal effects at a functional level, likely helping to design more successful interventions. We hope that your original or critical review contributions will become a cradle of the post-genomic aeon in Parkinson's disease.

We would also like to take this opportunity to express our sincere thanks to Dr. Raúl Sánchez-Lanzas, as our promotion editor, who focuses on young scholars' contributions using transversal interdisciplinary approaches in Parkinson's disease.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. José L. Quiles

Department of Physiology,  
Institute of Nutrition and Food  
Technology “Jose Mataix”,  
Biomedical Research Center,  
University of Granada, Avda.  
Conocimiento s/n, 18100 Armilla,  
Granada, Spain

## Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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 (Organic 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