



Cell Therapy for Parkinson's Disease

Guest Editors:

Dr. Jannette Rodríguez-Pallares

1. Laboratory of Neuroanatomy and Experimental Neurology, Department of Morphological Sciences, CIMUS, University of Santiago de Compostela, 15782 Santiago de Compostela, Spain
2. Networking Research Center on Neurodegenerative Diseases (CIBERNED), 28029 Madrid, Spain

Prof. Dr. Juan A. Parga

Laboratory of Neuroanatomy and Experimental Neurology, Department of Morphological Sciences, CIMUS, Universidade de Santiago de Compostela, Galicia, Spain

Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

Cell therapy offers a complete paradigm shift from current treatments, as this approach holds the potential to stop or even reverse the progression of the disease. Pioneering preclinical studies on dopaminergic transplants and decades of advances in neuron regeneration paved the way for considering cell-based therapies suitable for clinical translation. The field is now entering a new phase where clinical-grade products based on pluripotent stem cells are being trialled in patients. Moreover, the development of potential new therapies, based on tissue engineering and gene therapy, is really breaking new ground in the field. Despite the encouraging results obtained in preclinical studies, translational application of these therapies has not been at the desired level and further studies are undoubtedly needed.

The aim of this Special Issue is to broaden the knowledge on the use of regenerative medicine, especially focused on innovative cell therapy strategies, as potential approaches for the treatment of Parkinson's disease.





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, CAPus / 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