

Special Issue

Parkinson's Disease Research: Current Insights and Future Directions

Message from the Guest Editor

Parkinson's disease (PD) is a debilitating neurodegenerative disorder with a complex pathophysiology, significantly affecting the motor and non-motor functions of millions globally. Despite extensive research efforts, the precise mechanisms underlying PD remain elusive, and current treatments primarily offer symptomatic relief without addressing disease progression. The need for innovative therapeutic strategies and early diagnostic tools is more pressing than ever. This Special Issue aims to provide a comprehensive overview of the latest advancements in PD research, emphasizing current insights and exploring future directions for effective diagnosis, treatment, and management. We seek to gather cutting-edge research and expert opinions that can deepen our understanding of PD and pave the way for novel therapeutic approaches. The main focus of this Special Issue will be the evaluation of molecular pathways as pharmacological targets for treatment strategies that may improve the management of Parkinson's disease. We are pleased to invite you to contribute original articles, reviews, communications, and other forms of scholarly work.

Guest Editor

Dr. Ikuko Miyazaki

Department of Medical Neurobiology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, 2-5-1 Shikata-cho, Kita-ku, Okayama 700-8558, Japan

Deadline for manuscript submissions

31 May 2026



NeuroSci

an Open Access Journal
by MDPI

Impact Factor 2.0
Indexed in PubMed



mdpi.com/si/212067

NeuroSci
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
neurosci@mdpi.com

[mdpi.com/journal/
neurosci](https://mdpi.com/journal/neurosci)





About the Journal

Message from the Editor-in-Chief

NeuroSci (ISSN 2673-4087) is an international, peer-reviewed open access journal focusing on neurology and neuroscience. The journal publishes comprehensive reviews, original research papers and high-quality communications. Our aim is to encourage scientists to publish their novel findings and concepts in fundamental and clinical neuroscience as much detail as possible. We invite you to read recent articles published in *NeuroSci* and consider publishing your next paper with us.

Editor-in-Chief

Dr. François Ichas

Institut des Maladies Neurodégénératives, CNRS et Université de Bordeaux, UMR 5293, Bordeaux, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), PMC, PubMed, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 4.7 days (median values for papers published in this journal in the second half of 2025).