# Special Issue

# Molecular Mechanism and Pathology of Parkinson's Disease

## Message from the Guest Editor

Parkinson's disease (PD) is a progressive neurodegenerative disorder characterized by the progressive loss of a very specific type of neurons in the substantia nigra area (SNc), resulting in the depletion of dopamine in the striatum. The vast majority of PD cases are sporadic. However, several familial forms of PD-associated genes have been identified, including Synuclein, Parkin, Pink1, DJ-1 and LRRK2. In addition to these genes, there are several other genes and regulatory elements that potentiate the risk of developing PD in certain individuals. We invite investigators to contribute original research and review articles that will stimulate the continuing efforts to understand the molecular pathways underlying dopaminergic neurodegeneration in sporadic or familial PD and the development of strategy to treat these conditions. We are also interested in articles describing the new model systems that recapitulate PD pathology. We also invite articles that cover early detection strategies and biomarkers for PD and its future direction.

## Guest Editor

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## Deadline for manuscript submissions

closed (10 February 2024)

# About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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