# Animal Models of Parkinson's Disease and Related Disorders 2.0

Guest Editor:

**Prof. Dr. Yuzuru Imai**
Department of Research for Parkinson's Disease, Juntendo University Graduate School of Medicine, Tokyo, Japan

Deadline for manuscript submissions:
**closed (15 February 2021)**

## Message from the Guest Editor

This Special Issue is the continuation of our previous Special Issue "Animal Models of Parkinson's Disease and Related Disorders".

Parkinson's disease (PD), one of the most common movement disorders, is characterized by age-dependent dysfunction and degeneration of the midbrain dopaminergic neurons. Our understanding of the pathogenic mechanisms of PD has progressed with neurotoxin-induced and $\alpha$-synuclein propagation models.

We invite authors to submit manuscripts focused on the molecular mechanisms of neurodegeneration, therapeutic challenges using model animals, the development of new screening methods, and the generation of new PD and related models to this Special Issue. Both high-quality research articles and reviews of the most recent progress in the area are welcome. The key topics include, but are not limited to, the following:

- PD studies using vertebrate models;
- PD studies using non-vertebrate models;
- PD studies using other organisms;
- Drug screening using PD model organisms;
- Development of therapeutic strategies using PD model organisms;
- Development of experimental techniques.

**Special** Issue

## 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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us