

## Special Issue

# Regeneration Therapy for Neurological Diseases

### Message from the Guest Editor

We are pleased to announce the launch of a Special Issue dedicated to molecular research in the field of Regeneration Therapy for Neurological Diseases. This Special Issue aims to highlight the significant advancements made in understanding the molecular mechanisms that underlie stem cell-based therapies for various neurological conditions, including Parkinson's disease, Alzheimer's disease, and spinal cord injuries. Over the years, stem cell therapy has emerged as a promising approach for treating neurological diseases. It offers the potential for neural tissue regeneration and the restoration of lost functions. Molecular research plays a crucial role in unraveling the intricate processes involved in stem cell differentiation, transplantation, and their interactions with the host environment. This Special Issue seeks to assemble original research articles and reviews that focus on the molecular aspects of stem cell therapy, thus shedding light on the underlying mechanisms, optimizing differentiation protocols, developing innovative delivery systems, and exploring potential therapeutic targets and biomarkers.

### Guest Editor

Prof. Dr. Kiminobu Sugaya

College of Medicine, University of Central Florida, Orlando, FL 32816, USA

### Deadline for manuscript submissions

closed (30 September 2024)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/si/174100](https://mdpi.com/si/174100)

*International Journal of  
Molecular Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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

[ijms](https://ijms.mdpi.com)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



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

[ijms](https://ijms)



## About the Journal

### 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.

---

### 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

---

### 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 (Inorganic Chemistry)