

Special Issue

Mechanism of Adult Neurogenesis

Message from the Guest Editors

Neural stem or neural progenitor cells can proliferate and differentiate into mature neurons, and this process is called neurogenesis. Neurogenesis is observed only in a limited period during development. However, in the 1990s, several studies showed the continuous addition of new neurons in discrete brain regions throughout life, and found a regenerative capacity in the adult brain. It is believed that adult neurogenesis can have a therapeutic effect in aging and neurological disorders, so as to facilitate recovery from neuronal death. Although many researchers have been tried to find the effects of adult hippocampal neurogenesis in various neurological diseases, the molecular mechanisms of hippocampal neurogenesis still remain unclear in conjunction with neurological diseases. This Special Issue aims to highlight the molecular mechanisms of adult hippocampal neurogenesis in aging, as well as various neurological conditions including stroke, epilepsy, neurodegenerative disorders, and neuropathy. Both original research articles and reviews are welcome.

Guest Editors

Dr. Minho Moon

Department of Biochemistry, College of Medicine, Konyang University,
Daejeon 35365, Korea

Dr. In Koo Hwang

Department of Anatomy and Cell Biology, Seoul National University,
Seoul, Korea

Deadline for manuscript submissions

closed (31 October 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/33069

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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