



Neuroprotective Effect of Glutathione

Guest Editor:

Prof. Dr. Koji Aoyama

Department of Pharmacology,
Teikyo University School of
Medicine, 2-11-1 Kaga, Itabashi,
Tokyo 173-8605, Japan

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editor

Dear Colleagues,

More than 130 years have passed since glutathione (GSH) was discovered as "philothione" from yeast. There are many publications regarding the neuroprotective functions of GSH (as an antioxidant and/or redox buffer, etc.) in vivo and in vitro, while GSH depletion induces/exacerbates neuronal damage in the brain. The promotion of GSH functions would be a promising approach against neuronal death. The aim of this Special Issue is to provide feature articles of the most current findings related to GSH in the central nervous system. In this Special Issue, neurologic disorders based on molecular sciences related to GSH dysfunction are also encouraged.

Prof. Dr. Koji Aoyama
Guest Editor





an Open Access Journal by MDPI

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

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI