



Neurodegenerative Diseases and Intellectual Disabilities: From Molecular Basis to Therapy

Guest Editor:

Dr. Tam Thanh Quach

Department of Psychiatry and
Behavioral Health, The Ohio
State University, Columbus, OH
43210, USA

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editor

Dear Colleagues,

Uncovering the specific/common mechanisms underlying the disruption pathways among neurodegenerative diseases (ND) is critical to both basic and applied neuroscience. These findings will contribute to the emergence of the neural system secrets underlying not only our perception, emotion, and cognition under the physiological condition with which we think, act, and react but also highlighting pathological perturbations of neural connectomic networks observed in most well-known major ND displaying impairment in memory and cognition, such as Alzheimer (AD)/Huntington (HD)/amyotrophic lateral sclerosis (ALS)/Creutzfeldt–Jakob diseases (CJD) and Parkinson (PK)/ diseases. Although what causes ND is not fully understand, the accumulation of misfolded/aggregated proteins in the brains is a pathological characteristic of ND. Presently, ND gene therapies remain unidimensional, elusive, and limited by the tendency to address one pathological feature while ignoring others.





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