

Special Issue

Molecular Advances in Biomarkers of Central Nervous System Diseases and Disorders

Message from the Guest Editors

For this Special Issue, we will consider articles exploring novel biomarkers for early diagnosis, prognosis, differential diagnosis of disease subtypes, and personalized treatment choice for CNS diseases and disorders. Topics of interest include Alzheimer's disease, Parkinson's disease, stroke, epilepsy, and metabolic or genetic disorders affecting CNS function. This Special Issue encompasses original research, opinion, and review articles. Studies with either human samples from patients and matched controls or established animal models of CNS diseases and disorders are particularly encouraged. Biomarkers may include DNA methylation profiles, modified expression levels of mRNA, microRNAs, or other non-coding RNAs affecting CNS disease risk, age of onset, severity, prognosis, or response to approved or experimental therapeutics. In addition to DNA and RNA biomarkers, studies may include protein, metabolome, microbiome, and mitochondrial biomarkers affecting the aforementioned parameters of CNS diseases and disorders. Reports on approved clinical trials will be considered when based on new mechanisms for a given CNS disease or disorder.

Guest Editors

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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.

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