

Special Issue

Metabolic Regulators of Psychological Stress and Brain Trauma

Message from the Guest Editor

Small molecules or metabolites comprise a wide chemical library, including short-chain fatty acids; bio-energy cycle products; microbial fermentation products; lipids; bile acids; amino acids and polyamine; phenolic compounds; indolic compounds; hormones, their precursors and derivatives, and xenobiotics. We welcome original articles and review works on the following subjects. **(a)** The role of metabolites and their associations with other omics, such as genome, epigenome and metagenome to explain the endophenotype triggered by psychological stress and brain trauma. **(b)** Chemical biomarker studies and relevant molecular underpinnings that are associated with psychological stress, brain trauma and its comorbidities. **Keywords**

- small molecules and chemicals
- metabolites and their endophenotypes
- neuro-endocrine systems
- biological networks and their regulators
- psychological stress and comorbidities
- disease biology and dynamics

Guest Editor

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closed (30 June 2023)



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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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