

Special Issue

Latest Research on Brain Science: Based on Neurogenomics

Message from the Guest Editor

Neurogenomics is the interface between neurobiology and genome sciences, and it can elucidate how genomic processes contribute to brain evolution, development, structure and function. Neurogenomics can be used to study the nervous system in the context of the underlying regulatory and transcriptional networks. Neurogenomics researchers employ genetic strategies, including investigations of the genome sequence and products (transcriptomes and proteomes), to identify genes involved in the nervous system. The aim of this Special Issue is to highlight research that uses a combination of genomic and brain measurements to reveal biological pathways from genetic and genomic variation to brain disease. This will enable us to understand the infinitely complex etiologies of neurodevelopmental, psychiatric, and neurodegenerative disorders, improve the ability to diagnose brain diseases before they occur, and facilitate the development of novel therapeutic targets. Due to the scope of *IJMS*, purely clinical studies are not suitable. However, clinical or pure model submissions with biomolecular experiments are welcomed.

Guest Editor

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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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