



Latest Research on Brain Science: Based on Neurogenomics

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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