

Special Issue

Molecular Mechanisms of Brain Development and Psychiatric Diseases

Message from the Guest Editors

A growing number of large-scale molecular epidemiologic studies has strongly suggested shared mechanisms and pathways between brain development and psychiatric disorders. There is now an appreciation of the growing roles of DNA polymorphism, rare genetic mutation, de novo mutation, tandem repeats and retrotransposon elements which profoundly affect genome integrity and stability. These genetic variants work synergically with environmental stress and thus change the trajectory of neurodevelopment which may co-segregate with a range of psychiatric disorders. In this Special Issue, we would like to provide a panoramic view of ongoing research covering new advances in genetic variants and molecular networks underpinning neurodevelopmental and psychiatric disorders. An interplay between neurodevelopment and mental health is preferred but not essential. We encourage a wide range of submissions including original articles, review papers, innovative research methods, etc.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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