



Molecular Insights in Psychiatry

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Message from the Guest Editors

The present Psychiatric diagnostic methods cannot continue to be considered acceptable, because they are almost completely based on the psychiatrist's opinion, which does not have an objective molecular approach. Psychopathology is still characterised and defined by descriptive and non-biological criteria, but it will hopefully be possible to characterise it with the addition of new quantitative approaches resulting from molecular research in psychiatry. The error in the clinical psychiatric diagnosis is very high—it ranges from 40% to 70% (Tenth World Day for the Prevention of Suicide, Rome, 2012).

The biomolecular approach to psychopathology mainly involves cell membrane viscosity, Gs α protein, cytoskeleton and microtubules, ion channels modifications, genetic information, epigenetics, transcriptomics/proteomics, neuroimaging, and animal models. The aim of this Special Issue is dedicated to the recent insights and research progress in deciphering the molecular pathways mediating brain function in psychiatry, and to exploit such knowledge in the development of novel molecule-based therapies against psychopathological disorders.





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Message from the Editor-in-Chief

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