Special Issue

Neurobiological Mechanisms and Novel Treatment of Major Depressive Disorder

Message from the Guest Editors

Research has shown that depression is underpinned by complex and wide neural circuitry changes which parallel the heterogenous symptomatology associated with the disorder. It has also become evident that the neurobiological mechanisms underlying depression cannot simply be equated to the neurobiological mechanisms underpinning the therapeutic effects of antidepressants. Very briefly, treatment advances have included cognitive behavioural therapy becoming much more of a mainstay option and newer pharmacological approaches have been targeted towards more specific monoaminergic neurotransmitter sites. Although not necessarily boosting clinical efficacy, the beneficial effects of these newer antidepressants have been increased tolerability and reduced side effect profiles. The search for more efficacious treatments for major depression continues. Authors are invited to submit relevant original research articles based on primary or longitudinal collaborative datasets (e.g., UK Biobank). Preclinical and translational research which focuses on a high degree of originality, significance and is underpinned by methodological rigour is welcomed.

Guest Editors

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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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