Personalized Medicine Approaches to Depression Prevention, Diagnosis, and Therapeutics

Guest Editor:

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Message from the Guest Editor

The use of modern "omics" technologies permits more accurate medical diagnosis and tailored therapeutics. Major depressive disorder (MDD) is remarkably common, yet is often resistant to effective treatment because of its diverse presentation and complex pathogenesis, defined by both genetic and environmental factors. Recent developments on the neurobiological basis of MDD suggest that a number of novel genetic loci may be associated with MDD and related conditions. Promising work suggests that a better understanding of the risk profiles, symptom-based phenotypes, and genetics could be used to improve prevention, identification, and treatment. At the same time, depression is a profoundly human experience, and translating precision medicine approaches into effective personalized medicine must incorporate individual nuances and therapeutic relationships. This Special Issue of the *Journal of Personalized Medicine* is focused on describing the current state of personalized medicine approaches to MDD, as well as the promise of modern "omics" technologies in its prevention, detection, and treatment.

Special Issue

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Message from the Editor-in-Chief

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