

Special Issue

Personalized Medicine of Cognitive Impairments Associated with Psychiatric Disorders

Message from the Guest Editor

Patients with psychosis show impairment over a broad spectrum of the cognitive domain, with deficits in attention, memory, executive function, and social cognition. Moreover, cognitive functioning is a predictor of social functioning, which includes such aspects as the ability to carry out activities of daily living, level of work functioning, and quality of interpersonal relations. Cognitive impairments also lead to difficulties for patients and families with nonpsychotic disorders. The clinical symptoms that define a disease are often linked to different pathophysiological processes that may not be immediately obvious in the clinical setting, making the optimal treatment for an individual patient uncertain and leading to a suboptimal trial-and-error treatment process. Understanding the underlying biology of disease and individual patient variation may improve care for patients, leading to more optimal outcomes. Both pharmacotherapy and psychological intervention are currently the main treatments for such cognitive impairments, and this special issue welcomes the latest research on pharmacotherapy and psychological intervention for all psychiatric disorders.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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