

Special Issue

Metabolic Diagnostics in Pediatric Neuropsychiatric Diseases

Message from the Guest Editor

Psychiatric disturbances and atypical developmental patterns occur in inherited metabolic disorders at pediatric age. However, metabolic profiles may support identification of biomarkers in neurodevelopmental disturbances, such as autism spectrum disorder. This Special Issue aims to highlight the importance of proper metabolic diagnostic to disentangle diagnosis of pediatric patients with inborn errors of metabolism presenting with neurodevelopmental disturbances and/or neuropsychiatric symptoms. In this regard, review and research articles focusing on diagnostic of IEM presenting with neurological and/or psychiatric features are welcome. On the other hand, the issue is equally devoted to addressing secondary metabolic disturbances in idiopathic neurodevelopmental disturbances. We therefore invite review and original research articles focusing on metabolic procedures in pediatric neuropsychiatric diseases, with special emphasis on targeted and untargeted metabolome, proteome, and glicome profiling of patients with neurodevelopmental disorders such as ASD and others.

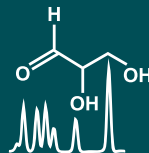
Guest Editor

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Deadline for manuscript submissions

closed (15 November 2020)



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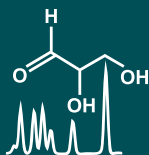


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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo

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