



A Personalized Medicine Approach to the Diagnosis and Management of Autism Spectrum Disorder: Beyond Genetic Syndromes

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Autism spectrum disorder (ASD) now affects more than 2% of children, and its prevalence continues to grow. Currently, there is no curative treatment and current therapies provide suboptimal habilitation in many individuals that are affected, leading to a new framing of ASD as a lifelong disorder for many rather than simply a disorder isolated to childhood. A majority of research on ASD concentrates on identifying the genetic syndrome, but there is a new understanding that the etiology of ASD is very complex and probably driven by genetic variations and vulnerabilities interacting with environmental exposures and triggers.

Our two previous Special Issues have provided insight into applying personalized medicine to improve the diagnosis and detection of pathophysiological processes and predict treatment response in individuals with ASD.

This year, we focus on the emerging understanding of the role of environmental factors, their contribution to genetic variants and vulnerabilities, and their interaction with the environment.





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Message from the Editor-in-Chief

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