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The Molecular Genetics of Autism Spectrum Disorders

Guest Editors:

Dr. Francesca A. Cupaioli
National Research Council, Institute for Biomedical Technologies, 20054 Segrate, Italy

Dr. Alessandra Mezzelani
National Research Council, Institute for Biomedical Technologies, 20054 Segrate, Italy

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Message from the Guest Editors

Autism spectrum disorders are a heterogenous set of neurodevelopmental conditions characterized by persistent difficulties with social skills, speech and nonverbal communication, as well as repetitive behaviours. The prevalence of these conditions is increasing, affecting 1 in 44 children in the US. The aetiology of autism has complex genetic and environmental origins. Hundreds of genes associated with autism, and multigene interactions and rare mutations greatly contribute to this condition. In the same way, epigenetic changes are also involved in autism onset.

This Special Issue of *Brain Sciences* presents a collection of studies detailing the most recent advancements in the field of molecular genetics of autism spectrum disorders. authors are invited to submit original articles and reviews that address genetics, epigenetics and transcriptomics in autism spectrum disorders. These articles will help to disentangle the molecular complexity of this condition, highlighting possible genotype–phenotype relations and therapeutic targets for personalized medicine.

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

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Contact Us

Brain Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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