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Molecular Mechanisms of Autism Spectrum Disorder

Guest Editors:

Dr. Tanya Gandhi

Department of Comparative
Biomedical Sciences, School of
Veterinary Medicine, Louisiana
State University, Baton Rouge, LA
70806, USA

Dr. Charles Lee

School of Veterinary Medicine,
Baton Rouge, LA, USA

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Message from the Guest Editors

Autism spectrum disorder (ASD) is a group of neurodevelopmental disorders characterized by social interaction and communication deficits, repetitive, restricted behaviors, and variable co-morbid conditions. The etiological heterogeneity of ASD encompasses complex interactions of genetic, immunological, and environmental factors that result in alterations to brain function and structure, which influence the onset of these conditions. The emergence of ASD is influenced by several molecular mechanisms that are the focus of diagnostic and intervention strategies; however, our understanding of these mechanisms remains incomplete. Such heterogeneous etiological factors contribute greatly to the development, prognosis, and variability of autistic traits.

This Special Issue aims to assemble original research and literature reviews that address the latest developments in the molecular mechanisms of autism spectrum disorder. We hope that contributions to this Special Issue will have a significant impact on ASD research in terms of understanding its molecular etiology and developing novel therapeutic strategies.



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Special Issue



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Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
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Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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