

Special Issue

Mechanisms and Novel Therapeutic Approaches for Autism Spectrum Disorder

Message from the Guest Editor

Autism spectrum disorder (ASD) is a devastating neuropsychiatric disorder with an increasing number of affected individuals. The core symptoms of ASD patients are deficits in social communication and self-interest repetitive behaviors. ASD is developmentally rooted in a complex and heterogeneous etiology. Genetic mutations of genes involved in the development and function of neural circuits are linked to ASD pathogenesis. As developing brains are vulnerable to environmental insults, environmental factors also play a significant role in priming the pathogenesis of ASD. The goal of this Special Issue is to present a collection of updated studies focusing on the mechanisms underlying the pathophysiology of ASD and novel therapeutic approaches for ASD. Both original research and review articles are welcome.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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