

Special Issue

Unraveling Neurodevelopmental Disorders: A Molecular Perspective

Message from the Guest Editor

Neurodevelopmental disorders (NDDs)—such as autism spectrum disorder, attention-deficit/hyperactivity disorder, intellectual disability, and rare genetic syndromes—affect millions of children and adults worldwide. These conditions often have a profound impact on learning, behavior, and mental health, yet their biological causes remain only partly understood.

This Special Issue, “Unraveling Neurodevelopmental Disorders: A Molecular Perspective,” invites original research papers and reviews that shed light on the biological foundations of these complex disorders. We welcome studies investigating genetic and epigenetic factors, cellular and molecular signaling pathways, neurotransmitter systems, synaptic development, and neuroinflammation. We also encourage work using advanced imaging methods—such as functional MRI, magnetic resonance spectroscopy, and positron emission tomography—to identify biomarkers that connect molecular changes with brain function and clinical outcomes. Integrative and translational approaches that link basic research with new diagnostic tools or treatment strategies are particularly encouraged.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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