

Special Issue

Neurodevelopmental Disabilities (NDDs): From Cellular and Molecular Mechanisms to Innovative Therapy

Message from the Guest Editors

Neurodevelopmental disabilities (NDDs) refer to a range of conditions that affect the development of the brain and central nervous system, leading to impairments in cognitive, social, and motor functions. These disorders, which include conditions such as autism spectrum disorder (ASD), attention-deficit/hyperactivity disorder (ADHD), and intellectual disability (ID), are characterized by abnormalities in neural connectivity and synaptic plasticity. This Special Issue delves into the intricate world of neurodevelopmental disabilities, exploring the underlying cellular and molecular mechanisms that contribute to their development. Understanding the cellular and molecular mechanisms of NDDs is crucial for developing targeted therapies and interventions for individuals affected by these disorders. Our Special Issue aims to provide insights for the development of innovative therapies that target these mechanisms at the cellular level, offering hope for improved outcomes for individuals with NDDs. All types of manuscripts, such as research papers and reviews, are welcome. We look forward to your contributions.

Guest Editors

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About the Journal

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).