

Special Issue

Role of Gene Regulation in Neurological Disorders

Message from the Guest Editors

Neurological disorders encompass a diverse range of dysfunctions in the central nervous system (CNS) and peripheral nervous system (PNS). The most common neurological conditions include Alzheimer's disease (AD), Parkinson's disease (PD), Huntington's disease (HD), autism spectrum disorder (ASD), fragile X syndrome (FXS), fragile X-associated tremor/ataxia syndrome (FXTAS), dementia, epilepsy, migraine, amyotrophic lateral sclerosis (ALS), and multiple sclerosis (MS). These disorders can vary significantly in terms of symptoms and severity but often have a common impact on individuals' daily lives. This Special Issue will specifically focus on research achievements in models of cells (such as neurons, NSCs, and glial cells), brain organoids, and animals. We invite contributions that explore the generation, development, functions, and pathophysiology of neurological disorders. Our aim in launching this Special Issue is to uncover novel molecular mechanisms, biomarkers, and pathogenesis factors that contribute to the onset and progression of neurodegenerative and psychiatric conditions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/229660

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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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