

Special Issue

Neurodevelopmental Phenotyping to Inform Treatment in Neurogenetic Syndromes

Message from the Guest Editor

A critical goal for translational research in neurogenetic syndromes is to identify developmental, behavioral, and pharmaceutical treatments that address neurodevelopmental challenges associated with specific conditions (e.g., Down syndrome, fragile X syndrome, Angelman syndrome, Rett syndrome). Innovations in this area have the potential to offer novel and effective biomedical and behavioral intervention for individuals with specific neurogenetic conditions; however, there are gaps in our knowledge that hinder the readiness of treatments, namely the need for (1) validated outcome measures that quantify the effects of new treatments on cognition and behavior in specific conditions; and (2) more advanced characterizations of neurodevelopmental heterogeneity within specific conditions to inform treatment development. In this Special Issue, all related articles and reviews are welcome.

Guest Editor

Prof. Dr. Deborah Fidler

Human Development and Family Studies, Colorado State University,
Fort Collins, CO 80523, USA

Deadline for manuscript submissions

closed (15 April 2022)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/91073

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

[mdpi.com/journal/](https://mdpi.com/journal/brainsci)
[brainsci](https://mdpi.com/journal/brainsci)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.