



an Open Access Journal by MDPI

## Promising Horizons for the Diagnosis and Treatment of Fragile X Syndrome

Guest Editors:

### Dr. James Brasic

1. Department of Psychiatry, New York City Health & Hospitals/Bellevue, New York, NY 10016, USA

2. Department of Psychiatry, New York University Grossman School of Medicine, New York University Langone Health, New York, NY 10016, USA

### Dr. Dejan Budimirovic

1. Departments of Psychiatry and Neurogenetics, Fragile X Clinic, Kennedy Krieger Institute, Baltimore, MD, USA

2. Department of Psychiatry & Behavioral Sciences-Child Psychiatry, Johns Hopkins School of Medicine, Baltimore, MD, USA

### Message from the Guest Editors

Dear Colleagues,

Fragile X syndrome (FXS), the leading single-gene cause of intellectual disability (ID) and autism spectrum disorder (ASD), afflicts about 1 in 7000 males and 1 in 11,000 females. FXS results from deficiencies in the Fragile X Messenger Ribonuclear Protein (FMRP), leading to the accumulation of more than 200 cytosine-guanine-guanine (CGG) repeats. This Special Issue will focus on novel discoveries in basic scientific models of FXS and their applications to innovative clinical translational investigations to optimize the diagnosis and treatment of FXS in humans. Research reports about promising advances from basic scientists, clinical translational investigators, and clinicians are sought.

Dr. James Brasic

Dr. Dejan Budimirovic

*Guest Editors*

Deadline for manuscript submissions:

**closed (31 October 2024)**



[mdpi.com/si/203049](https://mdpi.com/si/203049)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Stephen D. Meriney

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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**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 17.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).

## Contact Us

---

Brain Sciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/brainsci](https://mdpi.com/journal/brainsci)  
[brainsci@mdpi.com](mailto:brainsci@mdpi.com)  
[X@BrainSci\\_MDPI](https://twitter.com/BrainSci_MDPI)