



Down Syndrome: Pathophysiology, Cognitive Assessments and Potential Therapies

Guest Editor:

Prof. Dr. Alberto Costa

Department Psychiatry, Case
Western Reserve University,
Cleveland, OH 44106, USA

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

In this Special Issue of *Brain Sciences*, we will be discussing the general topic of *Down Syndrome: Pathophysiology, Cognitive Assessments and Potential Therapies*. We aim to highlight critical areas of translational and clinical brain research that may one day lead to the discovery of pharmacological/genetic ways of addressing the neurodevelopmental and neurodegenerative processes, associated with the trisomy of chromosome 21 (trisomy 21). We will welcome articles describing system-specific neuropsychological deficits and neurological and psychiatric disorders commonly found in persons with Down syndrome, new experimental data (collected from human beings and animal models) and reviews on the neurobiology and neuropharmacology of Down syndrome, and critical reviews on the design and conduct of clinical trials in this field. We hope we can count on your valuable contribution to make this a successful and impactful Special Issue for this journal.





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, CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

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