



Neurodevelopmental Disorders: From Pathophysiology to Novel Therapeutic Approaches—2nd Edition

Guest Editors:

Dr. Nader Perroud

1. Department of Psychiatry,
Faculty of Medicine, University of
Geneva, Geneva, Switzerland
2. TRE Unit, Division of
Psychiatric Specialties,
Department of Psychiatry,
University Hospital of Geneva,
Geneva, Switzerland

Dr. Markus Mathaus Kosel

Department of Psychiatry,
Hôpitaux Universitaires de
Genève, Geneva, Switzerland

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

The DSM-5, introduced in 2013, has allowed for a renewed appreciation of the longitudinal, whole-life perspective of neurodevelopmental disorders in psychiatry, including autism spectrum disorder (ASD) and other communication, speech and language disorders and attention-deficit/hyperactivity disorder (ADHD), intellectual disability (ID), as well as other specific learning disorders.

However, our understanding of the basic aspects of the pathophysiology of these disorders and efficient therapies is still incomplete. The adult population suffering from these disorders is especially widely under-researched and rarely benefits from adequate treatments.

In this Special Issue of *Biomedicines*, we aim to present the actual state of the art in the understanding of the pathophysiology of neurodevelopmental disorders and their treatments, from birth to the end of life.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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](#), [CAPUS / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

Contact Us

Biomedicines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/biomedicines
biomedicines@mdpi.com
[X@Biomed_MDPI](#)