



Neural and Epigenetic Factors in Parenting: Individual Differences and Dyadic Processes

Guest Editors:

Prof. Dr. María José Rodrigo

1. Department of Developmental Psychology and Education, Faculty of Psychology, University of La Laguna, 38200 La Laguna, Spain

2. University Institute of Neuroscience, University of La Laguna, 38200 La Laguna, Spain

Dr. Livio Provenzi

Child Neurology and Psychiatry Unit, IRCCS Mondino Foundation, 27100 Pavia, Italy

Deadline for manuscript submissions:

closed (31 October 2021)

Message from the Guest Editors

This Special Issue is focusing on parents' individual differences and dyadic processes. Parenting is seen as comprising a set of mental health conditions as well as cognitive, emotional, motivational, and behavioral dispositions that may vary from parent to parent. Parenting is also best understood as a transactional dyadic process between both caregivers as well as parent-child interactions aimed at their co-adaptations.

We invite studies using cutting-edge neuroimaging techniques, including time-sensitive techniques such as magnetoencephalography, electroencephalography, and eye tracking, examining the brain bases of adaptive and maladaptive parenting and brain-to-brain connectivity. Studies using quantifiable epigenetic markers, such as DNA methylation, can also help to derive associations between epigenetic variation and a particular identifiable phenotype/trait relevant to parenting. Finally, intervention studies reporting the evaluation of evidence-based parenting programs involving neural or epigenetic measures are also welcome.





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

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