Special Issue

Dimensions of Pathological Aggression: From Neurobiology to Therapy

Message from the Guest Editors

Considering the devastating consequences of aggressive and violent behavior, a better mechanistic understanding of the phenomenon is of high relevance. The extreme and pathological form in many mental disorders poses a major burden. Growing empirical evidence corroborates the influence of (neuro)biological factors and complex interactions between social-environmental and biological, genetic influences in the development of aggressive pathology. Being exposed to aggression and violence early in life has severe consequences for mental health. The transdiagnostic turn in psychiatry and the combination with cognitive constructs may pave the way for new innovative ways to tackle the challenge. Can we define biomarkers and subtypes of aggression with specific underlying neuropsychobiological patterns and characteristics that allow a better transdiagnostic use in terms of a more personalized treatment approach? Parallel applications of non-invasive modulation techniques and developments in psychotherapeutic interventions integrating such new biocognitive fingerprints are needed to break through the vicious cycle of aggression and violence.

Guest Editors

Prof. Dr. Ute Habel

Dr. Inti Brazil

Dr. Lisa Wagels

Dr. James Blair

Prof. Dr. Ruben Gur

Deadline for manuscript submissions

closed (27 November 2021)

Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/78269

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

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

MDPI

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, PSYNDEX, 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).

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.