

## Special Issue

# Brain Stimulation Treatment in Impulsive Disorders and Behavioral Addiction

### Message from the Guest Editor

In recent years, the field of neuromodulation has witnessed remarkable advancements, offering unprecedented insights into the intricate workings of the brain and its role in impulsive behaviors and addictive tendencies, defining the basis for a translational approach and treatment application of these techniques. This Special Issue brings together cutting-edge research and clinical perspectives to unravel the complexities of impulsive disorders and behavioral addiction, shedding light on innovative approaches utilizing brain stimulation treatments. From deep brain stimulation to transcranial magnetic stimulation and photobiomodulation, contributors should also aim to understand brain stimulation's impact on neural circuits implicated in impulsivity and addictive behaviors. Manuscripts about cognitive or affective TMS investigations with a potential translational approach are welcome.

---

### Guest Editor

Prof. Dr. Stefano Pallanti  
Istituto di Neuroscienze (INS), 50121 Florence, Italy

---

### Deadline for manuscript submissions

closed (15 August 2024)



## Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/si/191915](https://mdpi.com/si/191915)

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

[mdpi.com/journal/  
brainsci](https://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](https://mdpi.com/journal/brainsci)



## 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, 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).

#### 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.