Special Issue

rTMS Research in Cognition: From Mice to Humans

Message from the Guest Editors

Repetitive transcranial magnetic stimulation (rTMS) is emerging as an efficacious treatment for cognitive deficits associated with a variety of psychiatric and neurological diseases. With its emergence, comprehensive research regarding the biochemical and clinical implications for treatment optimization is still in its infancy. With a dialogue between biochemical research and human clinical trials, the scientific community will create a multidisciplinary approach for rTMS treatment. Thus, this special issue aims to examine both rodent and human rTMS research to understand translatable and current clinical directions in rTMS with the goal of maximizing clinical efficacy for disorders of cognition. Original research from both human and rodent models as well as a reviews covering both components will be considered for publication.

Guest Editors

Dr. Windy McNerney

Mental Illness Research Education and Clinical Center (MIRECC), Veterans Affairs Palo Alto Health Care System, Palo Alto, CA 94304, USA

Dr. Alexis Bourla

iCRIN Psychiatry (Infrastructure of Clinical Research in Neurosciences-Psychiatry), Paris Brain Institute, Sorbonne University, INSERM, CNRS, 75013 Paris. France

Deadline for manuscript submissions

closed (15 August 2023)



Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/154625

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



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 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first 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.

