

Special Issue

From Bench to Bedside: Electroconvulsive Therapy on Depression

Message from the Guest Editors

Although electroconvulsive therapy is one of the most effective treatments for patients with depression, its prescription is still nowadays limited to a specific subgroup of patients with a significant number of therapeutic failures. Depression affects more than 264 million people and, at its worst, close to 800.000 people die due to suicide every year, which is one person every 40 seconds. In this context, ascertaining the optimal stimulation parameters related to both clinical outcome and cognitive side-effects as well as deeply understanding its precise mode of action are important critical steps toward strengthening the scientific basis of the treatment. This Special Issue aims to help disentangle the use of electroconvulsive therapy on depression from a broadly translational scientific perspective. In this sense, we invite researchers to submit their original or review articles regarding all possible methodological and analytical approaches to evaluate ECT on depression, from biological preclinical models to clinical and patient's perspective studies.

Guest Editors

Dr. Narcis Cardoner

Mental Health Department, Parc Tauli University Hospital, Barcelona, Spain

Dr. Marta Cano

Mental Health Department, Parc Tauli University Hospital, Barcelona, Spain

Deadline for manuscript submissions

closed (1 July 2021)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/68020

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

mdpi.com/journal/

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





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.