# Special Issue

# Obsessive–Compulsive Disorder: Latest Advances and Prospects

## Message from the Guest Editors

OCD is characterized by an aberrant activity of the cortico-striato-thalamocortical pathway and the reward circuitry. An increasing amount of brain imaging studies in OCD are however indicating that the areas or networks affected by both structural and functional alterations are not restricted to regions of this pathway, and while some studies point to relatively complex and rather extensive changes in brain structure and function in patients with OCD, meta- and mega-analyses brought about by, e.g., the ENIMGA consortium illustrate alterations in a number of clearly delineated core regions. Evidence for the therapeutic efficacy of tDCS and deep brain stimulation, usually targeting one or few selected core regions, demonstrates the relevance of specific areas for the psychopathology of the disorder. Hence, further research is needed to improve our understanding of the underlying neurobiological mechanisms, thus enabling us to develop more effective treatment strategies. This Special Issue will present recent advances and prospects in OCD research, focusing on brain research seeking to improve our understanding of the cerebral characteristics of the disorder.

## Guest Editors

Dr. Kathrin Koch

Department of Neuroradiology, School of Medicine, Technical University of Munich, Munich 81675, Germany

Dr. Gerd Wagner

Department of Psychiatry and Psychotherapy, Jena University Hospital, 07743 Jena, Germany

## Deadline for manuscript submissions

closed (20 October 2020)

**Brain Sciences**

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/39835

*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 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.