Special Issue

Effects of Damage to the Prefrontal Cortex on Human Cognition

Message from the Guest Editor

The prefrontal cortex forms a large part of the neural system and is critical to many cognitive abilities that are considered particularly unique to humans. Just to name a few, the prefrontal cortex has been implicated in socio-emotional, executive, and mnemonic functioning. Damage to the prefrontal cortex in humans can have devastating effects on the life of patients and their caregivers. However, despite the importance in daily life, we are still lacking a precise neural model of prefrontal cortex function and a precise understanding of the cognitive functions that are affected following prefrontal cortex damage. In this Special Issue we invite research that examines the effects of prefrontal cortex damage on human cognition (from all areas, including decision-making, memory, emotion regulation, etc.). The aim is to synthesize findings from the research community, so that a unifying model of prefrontal cortex function in cognition may be achievable.

Guest Editor

Dr. Cornelia McCormick

Department of Neurodegenerative Diseases and Geriatric Psychiatry, University Medical School Bonn, Bonn, Germany

Deadline for manuscript submissions

closed (22 December 2023)

Brain Sciences

mdpi.com/si/141565

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, 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.