

Special Issue

Impact of COVID-19 on the Brain and Cognition

Message from the Guest Editors

The Impact of COVID-19 on Cognition: Unraveling the Complexities

The COVID-19 pandemic, caused by the SARS-CoV-2 coronavirus, has unveiled a multifaceted impact on human health, transcending the realm of respiratory illness. Although initially recognized as a respiratory virus, evidence supports its intricate influence on cognitive function.

COVID-19's impact on cognition involves a complex interplay of direct neuroinvasion, neuroinflammation, hypoxia, and psychosocial factors. The potential of the virus to alter neural pathways and disrupt cognitive processes underscores the need for comprehensive research. As the world navigates this unprecedented crisis, unraveling the intricacies of COVID-19's cognitive effects holds promise for informed healthcare strategies and interventions, ensuring holistic recovery for those affected.

This Special Issue aims to delve into the nuanced effects of COVID-19 on cognition and explore the underlying mechanisms and potential ramifications.

Guest Editors

Prof. Dr. Julio Torales

1. Department of Medical Psychology, School of Medical Sciences, Universidad Nacional de Asunción, San Lorenzo 111454, Paraguay
2. Regional Institute of Health Research, Universidad Nacional de Caaguazú, Coronel Oviedo 050106, Paraguay
3. School of Health Sciences, Universidad Sudamericana, Pedro Juan Caballero 130112, Paraguay

Dr. Antonio Ventriglio

Department of Experimental Medicine, Medical School, University of Foggia, 71100 Foggia, Italy

Deadline for manuscript submissions

closed (25 March 2024)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/184481

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 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.