

## Special Issue

# Understanding the Role and Functions of the Insula in the Brain

### Message from the Guest Editors

Despite significant advances over the last few decades, thanks to modern neuroimaging and microsurgical techniques, the role of the human insula remains largely misunderstood. The Island of Reil has been shown to be involved in many neuropsychological processes as well as in several pathologies. The aim of this Special issue is to provide the latest evidence on the insular contribution to both normal neuropsychological functioning and to pathological processes and on its potential as a target for the treatment of brain disorders. Researchers are invited to submit literature reviews and original research related to insular functions and dysfunctions, as well as methodological papers related to the study of this once enigmatic brain lobe, in order to provide an up-to-date portrait of existing knowledge of the insula in humans.

---

### Guest Editors

Dr. Boucher Olivier

University of Montreal Hospital Center (CHUM), 1000 St-Denis,  
Montréal, QC H2X 0C1, Canada

Prof. Dr. Dang Khoa Nguyen

University of Montreal Hospital Center (CHUM), 1000 Rue St-Denis,  
Montréal, QC H2X 0C1, Canada

---

### Deadline for manuscript submissions

30 September 2025



## Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/si/227891](https://mdpi.com/si/227891)

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

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