

## Special Issue

# Neurofunctional Basis of Language Processing

### Message from the Guest Editor

Understanding the functional architecture of language has been greatly enhanced over the years, based on initial studies in patients exhibiting focal lesions, and subsequent invasive and more recent non-invasive brain-mapping methods. In addition to elucidating the neuroanatomical substrates underlying theoretical models of linguistic processing, methodological advances have provided important insight into the dynamic organization of language in the brain, as well as mechanisms of reorganization and plasticity for speech in specific neurological and neurodevelopmental disorders. In this Special Issue of *Brain Sciences*, the current state of knowledge regarding the neural substrates of linguistic processing is addressed, with emphasis on the application of contemporary systems neuroscience approaches to studying models of language and, furthermore, the utility of these methodologies for assessing alterations of language circuitry during disease, as well as functional recovery.

---

### Guest Editor

Dr. Roozbeh Rezaie

Department of Pediatrics, Division of Pediatric Neurology, University of Tennessee Health Science Center, Memphis, TN 38013, USA

---

### Deadline for manuscript submissions

closed (25 August 2024)



## Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/154928](https://mdpi.com/si/154928)

*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 6.0  
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.