

Special Issue

Language, Communication and the Brain

Message from the Guest Editor

Speech production is a highly localized yet networked activity involving several brain centers. Psycholinguistic studies of language production identify semantic, phonological, and syntactic processes that are sensitive to temporal demands. Speech sensorimotor processes engage a network of neural centers in the left and the right hemispheres. Both language and speech motor processes are supported by cognitive resources including the dorsal and ventral attention networks and verbal and non-verbal working memory processes. Finally, the limbic system motivates actions and conveys the suprasegmental and emotional aspects of speech. The aim of this Special Issue is to enhance our understanding of the different cognitive, linguistic, and sensorimotor processes and systems supporting speech production in neurotypical and neurodiverse speakers who experience communication disabilities. We encourage submissions that provide a nuanced and enhanced understanding of the systems and processes and how they function in the neurotypical and neurodiverse speakers.

Guest Editor

Dr. Jayanthi Sasisekaran

Department of Speech-Language-Hearing Sciences, University of Minnesota Twin Cities, Minneapolis, MN, USA

Deadline for manuscript submissions

closed (15 November 2024)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/191996

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 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.