

## Special Issue

# Recent Advances in Assessment and Rehabilitation of Communication and Language Disorders: Enhancing Innovations, Neuromodulation and AI

### Message from the Guest Editors

The focus of this Brain Sciences Special Issue is on the most recent innovations and improvements in the diagnosis and treatment of people with a range of communication and language difficulties, including children and adults.

Specifically, this Special Issue aims to advance the assessment and rehabilitation of communication and language disorders by highlighting both foundational and emerging methodologies. The Special Issue welcomes studies that explore novel diagnostic tools, including AI-driven speech and language analysis, neuroimaging techniques, and standardized assessment protocols designed to improve the early detection and classification of disorders. Possible submissions may also focus on innovative rehabilitation approaches, such as neuromodulation-based interventions, technology-assisted speech therapy, and AI-driven personalized treatment programmes that adapt to individual patient needs. Additionally, research on traditional and integrative therapeutic strategies, the role of interdisciplinary collaboration in intervention planning, and the development of new clinical frameworks for optimizing rehabilitation outcomes is also welcome.

### Guest Editors

Dr. Dionysus Tafiadis

Prof. Dr. Nafsika Ziavra

Dr. Angelos Papadopoulos

Dr. Konstantinos Drosos

### Deadline for manuscript submissions

31 December 2025



## Brain Sciences

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## 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.

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