

Special Issue

Diagnosis and Treatment of Post-Stroke and Progressive Aphasias

Message from the Guest Editors

Aphasia is a common language disorder caused by neurological diseases. Lately, the study of aphasia has expanded to include a newly discovered clinical entity, primary progressive aphasia (PPA). Although a huge number of individuals with post-stroke aphasia can have improved outcomes with behavioral therapy, there is a need to develop new and emerging technologies to improve the quality of life for patients who suffer from both stroke-induced and primary progressive aphasia, and to facilitate early diagnoses and focusing on slowing down the progression in PPA.

This Special Issue will primarily address (i) the clinical categorization of patients with aphasia, (ii) highlight advances in the diagnosis and treatment of aphasia, and finally (iii) define the best modalities to include imaging techniques and machine-learning approaches to facilitate and predict outcomes. The aims of this Special Issue are to offer more personalized and granular predictive modeling of rehabilitation, understand the hidden neural markers of vulnerability and disease, and characterize the anatomical substrate of aphasia.

Guest Editors

Dr. Sigfus Kristinsson

Communication Sciences and Disorders, Arnold School of Public Health, University of South Carolina, Columbia, SC, USA

Dr. Sladjana Lukic

FSU College of Communication and Information, School of Communication Science and Disorders, Florida State University, Tallahassee, FL, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

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