

## Special Issue

# Language Dysfunction in Posterior Cortical Atrophy

### Message from the Guest Editor

Patients with posterior cortical atrophy (PCA) syndrome, an atypical variant of Alzheimer's disease (AD), experience gradually progressive visuospatial deficits during the initial phase of the illness. As the underlying neurodegenerative disease progresses, the language domain becomes impacted as PCA patients develop deficits in word retrieval, reading, writing, and spelling. The mechanisms of this secondary aphasia syndrome and associations with visuospatial functions remain largely unknown.

This Special Issue will highlight multiple approaches that could help improve the characterization, diagnosis, and mechanistic understanding of PCA, with a particular focus on how language is impacted in this syndrome. We will feature new investigations that shed light on the relationships between these clinical symptoms and biomarkers, including molecular PET, hypometabolism profiles (18F FDG-PET), brain structural and functional MRI, and fluid biomarkers (CSF and plasma). Through this effort, we hope to inspire new collaborations and research ideas across the PCA and atypical AD research community.

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### Guest Editor

Dr. Deepti Putcha

Frontotemporal Disorders Unit, Department of Neurology,  
Massachusetts General Hospital, Harvard Medical School, Boston, MA,  
USA

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### Deadline for manuscript submissions

closed (30 September 2025)



## Brain Sciences

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