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.

Guest Editor

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