Special Issue

Using Neuroimaging to Explore the Alzheimer's Disease and Related Dementia (AD/ADRD)

Message from the Guest Editor

Neuroimaging tools including MRI, functional MRI, diffusion MRI, PET, and SPECT are pivotal in determining imaging biomarkers for the early detection, staging, diagnostic and prognostic classification, progression prediction, and therapeutic assessment of Alzheimer's disease and related dementia (AD/ADRD). Previous neuroimaging studies have demonstrated differential patterns of atrophy and hypometabolism in AD and ADRDs including frontotemporal dementia, vascular dementia, Parkinson's disease, Huntington's disease, Lewy body dementia, and Creutzfeldt–Jakob disease. In order to advance dementia science, this topic welcomes the submission of high-quality original research, reviews, clinical case studies, and perspectives on the use of neuroimaging to understand the underlying anatomical and functional brain changes in AD/ADRD.

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