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M/EEG Analysis for Alzheimer's Disease Diagnosis and Characterization

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Message from the Guest Editors

Dear Colleagues,

Dementia due to Alzheimer's disease (AD) is a neurodegenerative disorder associated with cognitive impairment; behavior disorders; memory loss; and problems with abstract reasoning, planning, and decision making. As a consequence of the pathophysiological processes, neural activity from AD patients is progressively modified. In order to characterize these neural changes, electroencephalography (EEG) and magnetoencephalography (MEG) have gained prominence over the past few decades, mainly due to their ability to record the transient and rapid nature of brain activity.

The present Special Issue aims to gather original research studies that provide advances in the application of M/EEG for the characterization and classification of patients with AD and/or its prodromal stage, mild cognitive impairment (MCI).



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Special Issue



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Message from the Editor-in-Chief

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