

Ricardo M. Osorio Suarez, MD.

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Dr. Osorio is a geriatric psychiatrist with a primary focus on age-dependent sleep changes and their relationship with neurodegenerative diseases affecting cognition and with expertise in preclinical Alzheimer's disease (AD) and its diagnosis. Together with his collaborators, he performed some of the early studies on the prevalence of sleep disturbances in the elderly and whether sleep disorders are associated with changes in AD biomarkers. This early work has evolved into two NIH-funded community-dwelling longitudinal cohorts where he is analyzing the temporal associations between sleep apnea, sleep architecture, sleep-dependent memory consolidation, cardiovascular disease and markers of neurodegeneration. More recently, given the importance of brain stem and basal forebrain in both sleep regulation, circadian rhythms and early AD pathology he has become interested in the direct assessment of those structures using PET/MR and MR spectroscopy methods.

Dr. Osorio will give a speech on *“Sleep clues to Alzheimer's disease”*.