

The Friedman Brain Institute

2023 FBI Research Scholars

On behalf of the Philanthropic Leadership Council of The Friedman Brain Institute, we are pleased to announce the 2023 recipients of The FBI Research Scholars Awards.

Jane Martin and Stuart Katz Research Scholar Award



Fanny M Elahi, MD, PhD

Assistant Professor,
Neurology, Pathology,
Molecular and Cell Based
Medicine and Neuroscience



Kuan-Lin Huang, PhD

Assistant Professor, Genetics
and Genomic Sciences



Alison M Goate, D.Phil

Professor, Genetics and Genomic
Sciences, Neuroscience and
Neurology

Unbiased Discovery of Early Molecular Dysregulations in Alzheimer's Disease

Alzheimer's disease (AD) is the most common neurodegenerative disease affecting the aging brain. However, an understanding of molecular instigators and drivers of AD in early disease, and ability to predict pace of progression are lacking. These knowledge gaps present barriers to care and design of novel therapeutic trials that could impact disease course. Our team will generate a multi-dimensional dataset with AD genetics, plasma proteomics, clinical data and demographics from the Mount Sinai BioMe cohort. Advanced machine learning methods will be applied to uncover proteomic signatures and pathways that predict AD neuropathology and clinical symptoms across the continuum of preclinical to symptomatic disease. We hope to ultimately deliver novel biomarkers with potential to re-imagine predictive modeling and design impactful clinical trials for Alzheimer's disease.