Post-doctoral research fellowship in Alzheimer’s disease biomarkers

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (HHS), is recruiting a postdoctoral fellow with interests in biomarker discovery for Alzheimer’s disease (AD) in the Unit of Clinical and Translational Neuroscience, within the Laboratory of Behavioral Neuroscience.

This research represents an exciting new initiative within the NIA intramural research program (IRP) to discover biologically relevant biomarkers that accurately reflect AD neuropathology and identify potential targets for effective disease modification/intervention.

In these studies, we use a variety of ‘Omics’ approaches in both blood and brain tissue including proteomics, metabolomics and protein array techniques (for eg: Association of plasma clusterin concentration with severity, pathology and progression in Alzheimer’s disease. ARCHIVES OF GENERAL PSYCHIATRY 67(7): 739-748 (2010); Proteome-based plasma markers of brain amyloid beta deposition in non-demented older individuals. JOURNAL OF ALZHEIMER'S DISEASE 22(4):1099-109 (2010); Plasma biomarkers of brain atrophy in Alzheimer’s disease. PLoS ONE 6(12):e28527 (2011); Plasma clusterin concentration is associated with longitudinal brain atrophy in mild cognitive impairment. NEUROIMAGE 59(1):212-7 (2012)

The successful candidate will have research interests in and expertise with analysis of large ‘Omics’ datasets. Experience with longitudinal data analysis will be an advantage. Candidates familiar with bioinformatic approaches to data mining and analysis of large datasets such as electronic health records will also be considered. Strong writing skills are desirable. Fellowship duration is typically 3-4 years. The successful individual must have a Ph.D., or M.D., or equivalent degree with less than five years of postdoctoral research experience. The position is located in Baltimore, MD, a city with a stimulating scientific and cultural environment, with proximity to the Johns Hopkins medical campus. Salary is commensurate with experience and accomplishments.

To apply, please send curriculum vitae, a brief description of research interests, and three letters of reference to: Madhav Thambisetty, MD, Ph.D., Chief, Unit of Clinical and Translational Neuroscience, Laboratory of Behavioral Neuroscience, at thambisettym@mail.nih.gov or at Biomedical Research Center, 251 Bayview Blvd, Suite 100, Room 4B317, Baltimore, MD 21224-6825.
Department of Health and Human Services
National Institutes of Health
National Institute on Aging

Post-doctoral research fellowship in understanding Alzheimer’s disease pathogenesis

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (HHS), is recruiting postdoctoral fellows with interests in Alzheimer’s disease (AD) and/or age-associated memory impairment (AAMI) in the Unit of Clinical and Translational Neuroscience, within the Laboratory of Behavioral Neuroscience.


The research benefits from the unique and rich longitudinal dataset available in the Baltimore Longitudinal Study of Aging (BLSA) as well as complementary patient cohorts such as AddNeuroMed that are available as part of ongoing international collaborations (for eg: Plasma biomarkers of brain atrophy in Alzheimer's disease. PLoS One. 2011;6(12):e28527).

The successful candidate will have research interests in the related fields of neuroscience, human biology or cognition. Experience with analysis of neuropsychological or neuroimaging data, and/or biomarker identification with strong writing skills are desirable. Preference will be given to individuals who are able to work independently and within a team. Those with experience in structural MRI and/or PET neuroimaging in humans will be preferred. Fellowship duration is typically 3-4 years. Candidates must have a Ph.D. in neuroscience/neuroimaging or M.D., with less than five years of postdoctoral research experience. The position is located in Baltimore, MD, a city with a stimulating scientific and cultural environment, with proximity to the Johns Hopkins medical campus. Salary is commensurate with experience and accomplishments.

To apply, please send curriculum vitae, a brief description of research interests, and three letters of reference to: Madhav Thambisetty, MD, Ph.D., Chief, Unit of Clinical and Translational Neuroscience, Laboratory of Behavioral Neuroscience, at thambisettym@mail.nih.gov or at Biomedical Research Center, 251 Bayview Blvd, Suite 100, Room 4B317, Baltimore, MD 21224-6825.

HHS and NIH are Equal Opportunity Employers
The NIH is dedicated to building a diverse community in its training and employment programs.