

November 1st 2016

CURRICULUM VITAE

Name: *MADHAV THAMBISETTY*

Education/Board Certification:

- **Board certification in Neurology:** Diplomate of the American Board of Psychiatry and Neurology (ABPN), July 2004, Re-certified in 2015
- **Fellow and Clinical Associate** in Cognitive Neurology and Sleep Disorders, Emory University School of Medicine, Atlanta: 2002-2004
- **Resident in Neurology:** Emory University School of Medicine, Atlanta: 1999- 2002
- **Resident in Internal Medicine:** Emory University School of Medicine, Atlanta: 1998-1999
- **DPhil (Doctor of Philosophy)** in Clinical Pharmacology ('Studies on the neurotrophic effects of chronic electroconvulsive shock and 5-HT in the adult rat brain') (thesis supervisor: Prof. David Grahame-Smith) University of Oxford, Green College: 1995-1999
- **Bachelor of Medicine and Surgery (MBBS)** Government Medical College, University of Calicut, India: 1988-1994

Current Employment:

- **Investigator and Chief**, Unit of Clinical and Translational Neuroscience, Laboratory of Behavioral Neuroscience, National Institute on Aging (NIA), National Institutes of Health (NIH): (since August 2012)
- **Adjunct Associate Professor of Neurology**, Department of Neurology, Johns Hopkins University School of Medicine, Baltimore: (since March 2014)

Societies:

- 2011: Elected member; **American Neurological Association (ANA)**
- 1999-2004 **American Academy of Neurology**

Honors and Other Special Scientific Recognition:

- 2016: Norman Geschwind Prize for outstanding achievements in Behavioral Neurology Research, American Academy of Neurology

- 2014: National Institute on Aging, Director's Merit Award for outstanding contribution to translational research in aging, public outreach and scientific leadership
- 2011: National Institute on Aging, Director's Merit Award for outstanding contribution to translational clinical research in aging.
- 2010: National Institute on Aging (Office of the Scientific Director) On-the-Spot award for outstanding accomplishment in scientific research
- 2004-2007: Emanoel Lee Medical Research Fellowship, St. Cross College, University of Oxford, United Kingdom
- 1995-1999: Felix Scholarship to the University of Oxford to read for the DPhil (Doctor of Philosophy) in Clinical Pharmacology
- 1995: Rajiv Gandhi Summer Research Fellowship; Molecular Biophysics Unit, Indian Institute of Science.

Plenary or Named Lectures:

- 2016: Plenary speaker, 10th International Congress of Asian Society Against Dementia (ASAD), Hangzhou, China. **Risks, mechanisms and biomarkers: building an integrated approach to Alzheimer's disease**
- 2016: Norman Geschwind Prize lecture in Behavioral Neurology, American Academy of Neurology, Vancouver. **Obesity and obesity related behaviors: seeking a common neurobiology**
- 2016: Plenary speaker, 3rd International Conference on Computational Biomedicine, University of Florida, Gainesville. **Seeking biomarkers and understanding mechanisms: building an integrated approach to Alzheimer's disease**
- 2015: Plenary speaker, 6th International meeting on HIV and aging. Washington, DC, October, 2015. **Insulin resistance, adiposity and risk for Alzheimer's disease**
- 2011: Keynote speaker, Meeting of the Advisory Committee on Radioligands for Amyloid Imaging in Alzheimer's disease; Food and Drug Administration (FDA), **Clinical features, Diagnosis and Management of Alzheimer's disease**
- 2011: President's Plenary session; International College of Geriatric Psychoneuropharmacology, University of California, Irvine, **Neuroimaging and Genetic Findings in Alzheimer's Disease from the Baltimore Longitudinal Study of Aging**
- 2010: Plenary speaker, 6th Annual Update on the Treatment of Alzheimer's and Related Disorders. The Johns Hopkins Alzheimer's Disease Research Center **The Role of Emerging Biotechnologies in Dementia Care**

- 2009: Plenary speaker; International College of Geriatric Psychoneuropharmacology, Johns Hopkins University School of Medicine
Alzheimer's disease: New Frontiers in Biomarkers and Therapeutics

Other invited lectures:

- **Blood and Brain Metabolomics- Seeking Biomarkers and Understanding Mechanisms in Alzheimer's disease.** Grand Rounds, Division of Geriatrics and Gerontology, University of Wisconsin School of Medicine, April 2016.
- **Blood and Brain Metabolomics in Alzheimer's disease: Seeking Biomarkers and Understanding Mechanisms.** Keio University symposium on Successful Brain Aging, Keio University, Tokyo, March 2016.
- **The Acute Phase Response Protein Alpha2 Macroglobulin Predicts Incident Alzheimer's disease and Responds to Neuronal Injury through RCAN1.** Campus Alberta Neuroscience International Conference on Promoting Healthy Brain Aging and Preventing Dementia: Research and Translation, May 2016
- **Seeking Biomarkers and Understanding Mechanisms: Building an Integrated Approach to Risk in Alzheimer's Disease.** 39th Annual Winter Meeting of The Toxicology Forum, Washington, DC, February, 2015
- **Brain imaging, risk variants and plasma proteomics: seeking biomarkers and understanding mechanisms in Alzheimer's disease.** 8th Annual Meeting of the Asian Society Against Dementia, Colombo, Sri Lanka, November 2014
- **Adiposity and Insulin Resistance in Alzheimer's Disease: When State Meets Trait.** 8th Annual Meeting of the Asian Society Against Dementia, Colombo, Sri Lanka, November 2014
- **The entorhinal cortex-hippocampal system is an early target of clusterin-related neurodegeneration in Alzheimer's disease.** Co-chair; Featured Research Session on Clusterin: from Molecule to Man, International Conference on Alzheimer's Disease and Related Disorders, Copenhagen, 2014
- **Insulin resistance and adiposity in Alzheimer's disease: when state meets trait.** Johns Hopkins Department of Neurology, Grand Rounds, May 2014
- **Insulin Resistance, Adiposity and Risk for Alzheimer's disease.** The Johns Hopkins ADRC Annual Conference on Aging and Dementia, June 2014
- **APOE and partners in the post GWAS era: discovering biomarkers and understanding mechanisms in Alzheimer's Disease.** Fourth annual symposium

on ApoE, ApoE Receptors and Neurodegeneration. Georgetown University, June 2013

- **Brain imaging, risk variants and plasma proteomics: seeking biomarkers and understanding mechanisms in Alzheimer's disease.** Douglas Mental Health University Institute - Research Centre. McGill University, Montreal, March 2013
- **Brain imaging, risk variants and plasma proteomics: seeking biomarkers and understanding mechanisms in Alzheimer's disease.** New York University Center for Brain Health, New York, December 2012
- **Neuroimaging guided proteomic discovery of blood biomarkers for Alzheimer's disease.** Institute of Psychiatry, Kings College, London, May 2011
- **Novel Approaches to Peripheral Biomarker Discovery in Alzheimer's disease.** Interdisciplinary Program in Neuroscience, Georgetown University, November 2009
- **Clinical features, Diagnosis and Management of Alzheimer's disease.** External expert speaker; Meeting of the Advisory Committee on Radioligands for Amyloid Imaging in Alzheimer's disease; Food and Drug Administration (FDA), October 2008
- **Proteome and Neuroimaging-based Plasma Biomarkers for Alzheimer's disease: Insights into Vascular Mechanisms of Pathogenesis.** Johns Hopkins Alzheimer's Disease Research Center, Annual Dementia Retreat, Baltimore, May 2008
- **Proteomic and Neuroimaging Approaches to Peripheral Biomarkers in Alzheimer's disease.** American College of Neuropsychopharmacology, Florida, 2007
- **Novel Approaches to Peripheral Biomarkers in Alzheimer's Disease.** National Institute on Aging (NIA), National Institutes of Health (NIH, Baltimore, August 2006
- **The Proteomics of Alzheimer's Disease.** National Neuroscience Institute, Singapore General Hospital, 8th March 2006
- **A Novel Approach to Peripheral Biomarkers in Alzheimer's Disease.** Department of Biochemistry, National University of Singapore, March 2006
- **Proteomic Approaches to Early Diagnosis of Alzheimer's Disease.** Neurocal-2005- Neuroscience Society of Calicut Medical College, India, May 2005

- **Genetic Testing and Counselling in Dementia.** Luigi Amaducci Teaching Course in Dementia-European Federation of Neurological Societies (EFNS), Athens, Greece, September 2005

Outside activities (service, review and advisory committees):

- Board of Trustees, McKnight Brain Research Foundation (2015-2018)
- American Neurological Association (ANA), Interactive Lunch Workshop Task Force (2012-2015)
- National Institute of Standards and Technology; US-Israel Binational Industrial Research and Development (BIRD) Foundation Awards; 2014: reviewer
- Resource allocation committee; BIOMARKERS OF COGNITIVE DECLINE AMONG NORMAL INDIVIDUALS: THE BIOCARD COHORT; U01-AG033655-06; PI; Marilyn Albert, PhD, Johns Hopkins University (since 2011)
- Food and Drug Administration (FDA), Advisory Committee on RADIOLIGANDS FOR AMYLOID IMAGING IN ALZHEIMER'S DISEASE; October 2011: Keynote speaker and voting member
- Food and Drug Administration (FDA), Advisory Committee on RADIOLIGANDS FOR AMYLOID IMAGING IN ALZHEIMER'S DISEASE; October 2008: Keynote speaker

Outside activities (mentoring/teaching):

- Teaching faculty to residents in Medicine/Geriatric Medicine rotating through the Memory and Alzheimer's Treatment Center, Johns Hopkins Bayview Medical Center, Johns Hopkins University School of Medicine (2009-)
- Co-supervisor: LONGITUDINAL BLOOD BASED BIOMARKERS OF ALZHEIMER'S DISEASE PATHOLOGY IN HEALTHY ELDERLY INDIVIDUALS; PhD studentship, Institute of Psychiatry, King's College London (2010-2013)
- Faculty: AGING AND AGE-RELATED COGNITIVE DISORDERS training course, Johns Hopkins University School of Medicine (2011-)
- Plenary speaker and faculty; THE ROLE OF EMERGING BIOTECHNOLOGIES IN DEMENTIA CARE. 16th Annual CME Update on the Treatment of Alzheimer's and Related Disorders. The Johns Hopkins Alzheimer's Disease Research Center (2010)
- Lecturer, MSc course in Neuroscience, Kings College, London, U.K. (2004-2007)

- Faculty, training program in cognitive screening for dementia in India; sponsored by the British Academy and in collaboration with the Oxford Project To Investigate Memory And Aging (OPTIMA) (2006)
- Faculty, Luigi Amaducci Teaching Course in Dementia-European Federation of Neurological Societies (EFNS), Athens, Greece (2005)

Service on NIH committees:

- National Cancer Institute, Neuro-oncology Branch, Search Committee, Tenure-Eligible Principal Investigator, (2016)
- NIA IRP Laboratory specialist promotion committee (2014-2016)
- NIH Earl Stadtman Investigator search committee (Systems Biology) (2013-current)
- NIA IRP Search Committee, Staff Scientist, Translational Gerontology Branch, (2013)

Peer reviewer and editorial activities:

- Editorial Board Appointments
2011-2012 Associate Editor; *Journal of Alzheimer's Disease*
- Adhoc reviewer

JAMA
Neurobiology of Aging
Biological Psychiatry
Journal of Alzheimer's Disease
PLoS ONE
PLOS Medicine
Alzheimer's and Dementia
Neurology
NeuroImage
CNS Drugs

Patents:

1. Markers and methods relating to assessment of Alzheimer's disease. Inventors: James Campbell, **Madhav Thambisetty** and Simon Lovestone. Patent application filed; 2009 (USPTO)

BIBLIOGRAPHY

(Madhav TR and Madhav Thambisetty denote the same author)

Google Scholar metrics (as of November 4th 2016)

- h-index: 24
- Total citations: 2451

I. BOOK CHAPTERS

1. **Madhav Thambisetty** Alzheimer's Disease: basic concepts and current research. In Human Brain: essays on awareness. Ed: T.Ramakrishna, Calicut University Press (2001)
2. **Madhav Thambisetty**, James Lah, Allan Levey. Dementia: In Medical Management of the Surgical Patient, Eds: Michael Lubin and Kenneth Walker, Cambridge University Press (2006)
3. **Madhav Thambisetty**, Nestor Gálvez, Thyagarajan Subramanian. Advances in the Treatment of Dementia: In Imaging of Neurodegenerative Disorders, Ed:Sangam Kanekar, Thieme Publishers (2016)

II. PEER-REVIEWED JOURNALS

1. **Madhav TR**, Vatsala S, Ramakrishna T Ramesh J, Easwaran KR. Preservation of native conformation during aluminium-induced aggregation of tau protein. NEUROREPORT. 7(5): 1072-6, (1996) [PMCID:pending](#)
2. Ramakrishna T, Vatsala S, **Madhav TR**, Sreekumaran E, Ramesh, J, Easwaran, KRK. Conformational Change in β - amyloid Peptide (1-40) with Aluminium: Reversal by Borate. ALZHEIMER'S RESEARCH 3: 223-226, (1997) [PMCID:pending](#)
3. Ramakrishna T, Vatsala S, Shobi V, Sreekumaran E, **Madhav TR**, Ramesh, J, Easwaran, KRK. Betaine reverses toxic effects of aluminium: Implications in Alzheimer's disease (AD) and AD-like pathology. CURRENT SCIENCE 75 (11): 1153-1156, (1998) [PMCID:pending](#)
4. Ramesh J, **Madhav TR**, Vatsala S Ramakrishna T, Easwaran KRK, Guillard O, Deloncle R. Interaction of A beta peptide (1-40) with amino acid aluminium complexes: relevance to Alzheimer's disease. ALZHEIMERS REPORTS 2 (1): 31-35, (1999) [PMCID:pending](#)
5. Zetterström TS, Pei Q, **Madhav TR** Coppell AL, Lewis L, Grahame-Smith DG. Manipulations of brain 5-HT levels affect gene expression for BDNF in rat brain. NEUROPHARMACOLOGY 38 (7): 1063-1073, (1999) [PMCID:pending](#)

6. **Madhav TR**, Pei Q, Grahame-Smith DG, Zetterström TS. Repeated electroconvulsive shock promotes the sprouting of serotonergic axons in the lesioned rat hippocampus. NEUROSCIENCE 97 (4): 677-683, (2000) [PMCID:pending](#)
7. **Madhav TR**, Pei Q, Zetterström TS. Serotonergic cells of the rat raphe nuclei express mRNA of tyrosine kinase B (trkB), the high-affinity receptor for brain derived neurotrophic factor (BDNF). BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH. 93 (1): 56-63, (2001) [PMCID:pending](#)
8. **Madhav Thambisetty**, Scherzer CR, Yu Z Lennon VA, Newman NJ. Paraneoplastic optic neuropathy and cerebellar ataxia with small cell carcinoma of the lung. JOURNAL OF NEURO-OPHTHALMOLOGY. 21(3): 164-167, (2001) [PMCID:11725180](#)
9. **Madhav Thambisetty**, Newman NJ, Glass JD, Frankel MR. A Practical approach to the diagnosis and management of MELAS: case report and review. THE NEUROLOGIST 8(5): 302-312, (2002) [PMCID:12803677](#)
10. **Madhav Thambisetty**, Valerie Biousse, Newman NJ. Hypertensive brainstem encephalopathy: clinical and radiographic features. JOURNAL OF THE NEUROLOGICAL SCIENCES. 208 (1-2): 93-99, (2003) [PMCID:pending](#)
11. Sreekumaran E, Ramakrishna T, **Madhav TR** Anandh D, Prabhu BM, Sulekha S, Bindu PN, Raju TR. Loss of dendritic connectivity in CA1, CA2 and CA3 neurons in hippocampus in rat under aluminum toxicity: antidotal effect of pyridoxine. BRAIN RESEARCH BULLETIN. 59(6): 421-427, (2003) [PMCID:pending](#)
12. **Madhav Thambisetty**, Nancy Newman. Diagnosis and management of MELAS. EXPERT REVIEW OF MOLECULAR DIAGNOSTICS. 4(5): 89-102, (2004) [PMCID:15347257](#)
13. Hye A, Lynham S, **Thambisetty M** Causevic M, Campbell J, Byers HL, Hooper C, Rijdsdijk F, Tabrizi SJ, Banner S, Shaw CE, Foy C, Poppe M, Archer N, Hamilton G, Powell J, Brown RG, Sham P, Ward M, Lovestone S. Proteome-based plasma biomarkers for Alzheimer's disease. BRAIN 68:229-232, (2006) [PMCID:pending](#)
14. **Thambisetty M**, Biousse V, Lavine PJ, Newman NJ, Biousse V. Fulminant idiopathic intracranial hypertension. NEUROLOGY 68:229-232, (2007) [PMCID:17224579](#)
15. Simon Lovestone, Andreas Guentert, Abdul Hye, Lynham S, **Thambisetty M**, Ward M. Proteomics of Alzheimer's Disease - understanding mechanisms, seeking biomarkers. EXPERT REVIEW OF PROTEOMICS 4(2): 227-238, (2007) [PMCID:pending](#)

16. David B. Rye, Andrew Hicks, Hjorvar Petursson, Ingason A, Thorgeirsson TE, Palsson S, Sigmundsson T, Sigurdsson AP, Eiriksdottir I, Soebach E, Bliwise D, Beck JM, Rosen A, Waddy S, Trotti LM, Iranzo A, **Thambisetty M**, Hardarson GA, Kristjansson K, Gudmundsson LJ, Thorsteinsdottir U, Kong A, Gulcher JR, Gudbjartsson D, Stefansson K. A genetic risk factor for periodic limb movements in sleep. *NEW ENGLAND JOURNAL OF MEDICINE* 357(7): 639-647, (2007) [PMCID:17634447](#)
17. De jager CA, **Thambisetty M**, Praveen KV Sheeba PD, Ajini KN, Sajeew A, Smitha KK, Rahmathulla LP, Ramakrishna T, David SA. Utility of the Malayalam translation of the 7-minute screen for Alzheimer's disease risk in an Indian community. *NEUROLOGY INDIA* 56(2):161-6, (2008) [PMCID:pending](#)
18. **M Thambisetty**, A Hye, C Foy, E Daly, Glover A, Cooper A, Simmons A, Murphy D, Lovestone S. Proteome-based identification of plasma proteins associated with hippocampal metabolism in early Alzheimer's disease. *JOURNAL OF NEUROLOGY* 255(11):1712-20, (2008) [PMCID:pending](#)
19. Greenberg N, Grassano A, **Thambisetty M**, Lovestone S, Legido-Quigley C. A proposed metabolic strategy for monitoring disease progression in Alzheimer's disease. *ELECTROPHORESIS* 30(7): 1235-1239, (2009) [PMCID:pending](#)
20. Lovestone S and **Thambisetty M**. Biomarkers for Alzheimer's disease trials – biomarkers for what? A discussion paper. *JOURNAL OF NUTRITION, HEALTH AND AGING* 13(4):334-6, (2009) [PMCID:pending](#)
21. **Thambisetty M**, Beason-Held L, An, Y Kraut MA, Resnick SM. APOE ε4 genotype and longitudinal changes in regional cerebral blood flow during normal aging. *ARCHIVES OF NEUROLOGY* 67(1): 93-98, (2010) [PMCID: PMC2856443](#)
22. **Thambisetty M** and Lovestone S. Blood-based biomarkers of Alzheimer's disease: challenging but feasible. *BIOMARKERS IN MEDICINE* 4(1): 65-79, (2010) [PMCID: PMC2863057](#)
23. **Thambisetty M**, Wan J, Carass A, An Y, Prince JL, Resnick SM. Longitudinal changes in cortical thickness associated with normal aging. *NEUROIMAGE* 52(4): 1215-1223, (2010) [PMCID: PMC2910226](#)
24. **Thambisetty M**, Simmons A, Velayudhan L, Hye A, Campbell J, Zhang Y, Wahlund LO, Westman E, Kinsey A, Güntert A, Proitsi P, Powell J, Causevic M, Killick R, Lunnon K, Lynham S, Broadstock M, Choudhry F, Howlett DR, Williams RJ, Sharp SI, Mitchelmore C, Tunnard C, Leung R, Foy C, O'Brien D, Breen G, Furney SJ, Ward M, Kloszewska I, Mecocci P, Soininen H, Tsolaki M, Vellas B, Hodges A, Murphy DG, Parkins S, Richardson JC, Resnick SM, Ferrucci L, Wong DF, Zhou Y, Muehlboeck S, Evans A, Francis PT, Spenger C, Lovestone S. Association of plasma clusterin

concentration with severity, pathology and progression in Alzheimer's disease. ARCHIVES OF GENERAL PSYCHIATRY 67(7): 739-748, (2010) [PMCID: PMC3111021](#)

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26. **Thambisetty M**. Do extracellular chaperone proteins in plasma have potential as Alzheimer's disease biomarkers? BIOMARKERS IN MEDICINE 4(6): 831-834, (2010) (invited editorial) [PMCID: pending](#)
27. **Thambisetty M**, Simmons A, Hye A, Campbell J, Westman E, Zhang Y, Wahlund LO, Kinsey A, Causevic M, Killick R, Kloszewska I, Mecocci P, Soininen H, Tsolaki M, Vellas B, Spenger C, Lovestone S. Plasma biomarkers of brain atrophy in Alzheimer's disease. PLoS ONE 6(12):e28527, (2011) [PMCID: PMC3244409](#)
28. **Thambisetty M**, An Y, Kinsey A, Koka D, Saleem M, Güntert A, Kraut M, Ferrucci L, Davatzikos C, Lovestone S, Resnick SM. Plasma clusterin concentration is associated with longitudinal brain atrophy in mild cognitive impairment. NEUROIMAGE 59(1):212-7, (2012) [PMCID: PMC3425349](#)
29. **Thambisetty M** Gallardo KA, Liow JS, Beason-Held LL, Umhau JC, Bhattacharjee AK, Der M, Herscovitch P, Rapoport JL, Rapoport SI. The utility of ¹¹C-arachidonate PET to study in vivo dopaminergic neurotransmission in humans. JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM 32(4):676-84, (2012) [PMCID: PMC3318145](#)
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34. **Thambisetty M** An Y, Nalls M, Sojkova J, Swaminathan S, Zhou Y, Singleton AB, Wong DF, Ferrucci L, Saykin AJ, Resnick SM. The effect of complement CR1 on brain amyloid burden during aging and its modification by APOE genotype. *BIOLOGICAL PSYCHIATRY* 73(5):422-8, (2013) [PMCID: PMC3535537](#)
35. **Thambisetty M** Beason-Held LL, An Y, Kraut M, Nalls M, Hernandez DG, Singleton AB, Zonderman AB, Ferrucci L, Lovestone S, Resnick SM. Alzheimer risk variant clusterin (*CLU*) and brain function in aging. *BIOLOGICAL PSYCHIATRY* 73(5):399-405, (2013) [PMCID: PMC3488132](#)
36. **Thambisetty M** Jeffrey Metter E, Yang A, Dolan H, Marano C, Zonderman AB, Troncoso JC, Zhou Y, Wong DF, Ferrucci L, Egan J, Resnick SM, O'Brien RJ. Glucose intolerance, insulin resistance and Alzheimer's disease pathology in the Baltimore Longitudinal Study of Aging. *JAMA NEUROLOGY* 70(9): 1167-72, (2013) [PMCID: PMC3934653](#)
37. **Thambisetty M** Beason-Held LL, An Y, Kraut M, Metter J, Egan J, Ferrucci L, O'Brien R, Resnick SM. Impaired Glucose Tolerance in Midlife and Longitudinal Changes in Brain Function During Aging. *NEUROBIOLOGY OF AGING* 34(10):2271-6, (2013) [PMCID: PMC4577027](#)
38. **Thambisetty M**, An Y, Tanaka T. Alzheimer disease risk genes and the age-at-onset phenotype. *NEUROBIOLOGY OF AGING* 34(11) 2696.e1-5 (2013) [PMCID: PMC4038407](#)
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43. **Thambisetty M** and Ferrucci L. Soluble interleukin-6 receptor levels and risk of dementia: one more signpost on a long road ahead. *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY* 62:772–774 (2014) (invited editorial) [PMCID: PMC4577022](#)
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45. Chuang Y-F, Tanaka T, Beason-Held L An Y, Terracciano A, Sutin AR, Kraut M, Singleton AB, Resnick SM, **Thambisetty M**. *FTO* genotype and aging: pleiotropic longitudinal effects on adiposity, brain function, impulsivity and diet. *MOLECULAR PSYCHIATRY* 20(1):133-139 (2015) [PMCID: PMC4246032](#)
46. Ebshiana AA, Snowden SG, **Thambisetty M**, Parsons R, Hye A, Legido-Quigley C. Metabolomic method: UPLC-q-ToF polar and non-polar metabolites in the healthy rat cerebellum using an in-vial dual extraction. *PLOS ONE* 10(4):e0122883 (2015) [PMCID: PMC4390242](#)
47. Resnick SM, Bilgel M, Moghekar A, An Y, Cai Q, Wang MC, **Thambisetty M**, Prince JL, Zhou Y, Soldan A, Wong DF, O'Brien RJ, Ferrucci L, Albert MS. Changes in A β biomarkers and associations with APOE genotype in 2 longitudinal cohorts. *NEUROBIOLOGY OF AGING* 36(8):2333-9 (2015) [PMCID:26004017](#)
48. Khan W, Aguilar C, Kiddle SJ, Doyle O, **Thambisetty M**, Muehlboeck S, Sattlecker M, Newhouse S, Lovestone S, Dobson R, Giampietro V, Westman E, Simmons A; Alzheimer's Disease Neuroimaging Initiative. A Subset of Cerebrospinal Fluid Proteins from a Multi-Analyte Panel Associated with Brain Atrophy, Disease Classification and Prediction in Alzheimer's Disease. *PLOS ONE*. 10(8):e0134368 (2015) [PMCID: PMC4540455](#)
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for Alzheimer's disease: Australian Imaging, Biomarkers and Lifestyle study of aging. ALZHEIMER'S AND DEMENTIA 3:18-26 (2015) [PMCID: PMC4879652](#)

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