

August 10<sup>th</sup> 2017

## 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:**

- 2017: 15<sup>th</sup> MV Arunachalam Endowment Lecture, Chennai. **Alzheimer's disease: from Mechanisms to Medicines**
- 2016: Plenary speaker, 10<sup>th</sup> 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, 3<sup>rd</sup> 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, 6<sup>th</sup> 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, 6<sup>th</sup> 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.** 8<sup>th</sup> 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.** 8<sup>th</sup> 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
- **Alzheimer's disease: seeking biomarkers and understanding mechanisms.** NIH Clinical Center Grand Rounds, Bethesda 2013
- **Is it memory loss or Alzheimer's disease? Learn the facts.** Medicine for the Public lecture series. Suburban Hospital, Washington, DC 2012
- **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, 8<sup>th</sup> 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:**
  - NIH Study section on 'Interdisciplinary research to understand the complex biology of resilience to Alzheimer's disease risk (R01) (2017)
  - NIA IRP Search Committee, Staff Clinician, Clinical Research Core (2017)
  - NIA IRP Search Committee, Staff Scientist Facility Head, LGG Computational Biology Core (2017)
  - 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 October 2nd 2017)**

- h-index: 26
- Total citations: 2957

### **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  $\beta$ - 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, Soebeck 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, Sajeev 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, Kaut MA, Resnick SM. APOE  $\epsilon$ 4 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](#)

25. **Thambisetty M**, Tripaldi R, Riddoch-Contreras J, Hye A, An Y, Campbell J, Sojkova J, Kinsey A, Lynham S, Zhou Y, Ferrucci L, Wong DF, Lovestone S, Resnick SM. Proteome-based plasma markers of brain amyloid beta deposition in non-demented older individuals. JOURNAL OF ALZHEIMER'S DISEASE 22(4):1099-109, (2010) [PMCID: PMC3125970](#)
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](#)
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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 <sup>11</sup>C-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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31. Soares H, Potter W, Pickering E, Kuhn M, Immermann FW, Shera DM, Ferm M, Dean RA, Simon AJ, Swenson F, Siuciak JA, Kaplow J, **Thambisetty M**, Zagouras P, Koroshetz WJ, Wan HI, Trojanowski JQ, Shaw LM. Plasma biomarkers associated with ApoE genotype and Alzheimer's disease. ARCHIVES OF NEUROLOGY 69(10):1310-7, (2012) [PMCID: PMC3683865](#)
32. Kiddle S, **Thambisetty M**, Simmons A, Riddoch-Contreras J, Hye A, Westman E, Pike I, Ward M, Johnston C, Lupton MK, Lunnon K, Soininen H, Kloszewska I, Tsolaki M, Vellas B, Mecocci P, Lovestone S, Newhouse S, Dobson R. Plasma based markers of [11C] PiB-PET brain amyloid burden. PLoS ONE 7(9):e44260, (2012) [PMCID: PMC3454385](#)
33. Cuddy M, Papps BJ, **Thambisetty M**, Leigh PN, Goldstein LH. Processing and

memory for emotional and neutral material in amyotrophic lateral sclerosis. AMYOTROPHIC LATERAL SCLEROSIS. 13(6):592-8, (2012) [PMCID:pending](#)

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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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40. Hales CM, Rees H, Seyfried NT Dammer EB, Duong DM, Gearing M, Montine TJ, Troncoso JC, **Thambisetty M**, Levey AI, Lah JJ, Wingo TS. Abnormal gephyrin immunoreactivity associated with Alzheimer disease pathologic changes. J NEUROPATHOL EXP NEUROL 72(11):1009-15 (2013) [PMCID: PMC4037931](#)
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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](#)
44. Ian Diner, Chadwick M. Hales, Isaac Bishof, Lake Rabenold, Duc M. Duong, Hong Yi, Oskar Laur, Marla Gearing, Juan Troncoso, **Madhav Thambisetty**, James J. Lah, Allan I. Levey and Nicholas T. Seyfried. Aggregation properties of the small nuclear ribonucleoprotein U1-70K in Alzheimer Disease. *JOURNAL OF BIOLOGICAL CHEMISTRY* 289(51):35296-313 (2014) [PMCID: PMC4271217](#)
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 $\beta$  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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