

Curriculum Vitae			
NAME: Suvarna Alladi		POSITION: PROFESSOR	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
Bangalore Medical College, Bangalore, India	MBBS	1993	Medicine and Surgery
National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	DM in Neurology	1998	Neurology
Department of Clinical Neurosciences Addenbrooke's Hospital, Cambridge UK	Commonwealth Academic staff Fellowship	2006	Cognitive and Behavioural Neurology
The University of Edinburgh	Postgraduate Certificate in Cognitive Ageing Research Methods for Medical Scientists	2012	Cognitive Ageing and Cognitive Epidemiology

Experience

- 2016 till date-Professor of Neurology, NIMHANS, Bangalore, India
- 2010-2015 Additional Professor, Nizam's Institute of Medical Sciences, Hyderabad,
- 2005-2010 Associate Professor of Neurology, NIMS, Hyderabad.
- 2004-2005 Research Fellow, Addenbrooke's Hospital, Cambridge, UK.
- 1999-2005 Assistant Professor of Neurology, NIMS, Hyderabad
- 1998-1999 Senior Resident, NIMS, Hyderabad, India.
- 1993-1998 Neurology Residency, NIMHANS, Bangalore
- 1987-1993 Medical student and Intern, Bangalore Medical College, Bangalore, India

Positions

- 2018: LMIC representative, Vascular Professional Interest Area, Alzheimer's association, USA
- 2008: President of Alzheimer's and Related Disorders Society of India, (ARDSI) Hyderabad Deccan chapter (www.ardsihyd.org)
- 2018: Master Trainer, Alzheimer's Disease International Dementia Care Skills Training
- 2018: Course Director of Online Dementia training program for physicians: A collaboration between Indian Academy of Neurology, ARDSI and MEDIKNIT
- 2018: President of the World Federation of Neurology Research Group on Aphasia, Dementia and Cognitive Disorders.

- 2014-2017: Member of taskforce on Neuro-disease Biology, Department of Biotechnology, Govt of India.
- 2011-2016: Secretary of the Cognitive Neurology Subsection of Indian Academy of Neurology
- 2011-2014: Member of Nizam's Institutional Ethics Committee

Research

Principal Investigator:

- STRIDE- “Strengthening responses to dementia In Developing countries” Senior Career Researcher for India, led by London School of Economics and Political Science, funded by Research Council UK
- “Neural basis of cognitive reserve: Role of bilingualism and education” funded by Department of Science and Technology (DST), India
- “Incidence/ Prevalence/ Risk analysis of dementia and basic research thereof” funded by Department of Biotechnology (DBT), India
- Multilingualism and Multiliteracy: Raising learning outcomes in challenging contexts in primary schools across India: In collaboration with Cambridge UK, Funded by Economic and Social Research council UK
- Development and validation of a comprehensive clinical and neuropsychological test battery for use in the Indian context for patients with Vascular Cognitive Impairment: ICMR (Completed)
- A clinical, imaging and biomarker study of cognitive ageing in India: Funded by Tata Trusts (Completed)
- Language and brain organization in normative multilingualism: Cognitive Science Initiative population: Funded by Department of Science Technology (Completed)
- Social Cognition and Semantic Memory in the Cultural Context of Indian Healthy and Neurologically Diseased Population- Funded by Department of Science Technology (Completed)
- Molecular characterization of Frontotemporal Lobar Degeneration (FTLD) and related disorders in southern and eastern India- ICMR Project. (Completed)
- Validation Addenbrooke’s Cognitive Examination- Revised into four languages and illiterate populations-Indian English, Telugu, Hindi, Urdu (Completed)
- Clinical features and imaging follow up study of Mild Cognitive Impairment- (Completed)

Co-Investigator:

- 'ATTEND Trial: Family-Led Rehabilitation After Stroke In India': funded by Indian Council for Medical Research (Completed)
- Prevalence of Carotid artery atherosclerosis in asymptomatic population funded by Indian Council for Medical Research (Completed)
- Serological evidence of Chlamydia pneumonia in ischemic strokes funded by Indian Council for Medical Research (Completed)
- Genetic polymorphism associated with stroke in the South Indian Population’ funded by Indian Council for Medical Research (Completed)

Selected peer-reviewed publications

1. Alladi S, Hachinski V. World dementia: One approach does not fit all. *Neurology*. 2018 Aug 7;91(6):264-70.
2. Kalkonde YV, Alladi S, Kaul S, Hachinski V. Stroke Prevention Strategies in the Developing World. *Stroke*. 2018 Dec;49(12):3092-7.
3. Tsimpli I, Mukhopadhyay L, Treffers-Daller J, Alladi S, Marinis T, Panda M, Balasubramanian A, Sinha P. Multilingualism and multiliteracy in primary education in India: a discussion of some methodological challenges of an interdisciplinary research project. *Research in Comparative & International Education*. 2018 Dec 4;14.
4. Singh V, Dharamoon MS, Alladi S. Stroke Risk and Vascular Dementia in South Asians. *Current atherosclerosis reports*. 2018 Sep 1;20(9):43.
5. Pauranik A, George A, Sahu A, Nehra A, Paplikar A, Bhat C, Krishnan G, Kaur H, Saini J, Suresh PA, Ojha P, Singh P, Sancheti P, Karanth P, Mathuranath PS, Goswami S, Chitnis S, Sundar N, Alladi S, Farooqi-Shah Y. Expert group meeting on aphasia: A report
6. Yassuda MS, da Silva TB, O'connor CM, Mekala S, Alladi S, Bahia VS, Almaral-Carvalho V, Guimaraes HC, Caramelli P, Balthazar ML, Damasceno B. Apathy and functional disability in behavioral variant frontotemporal dementia. *Neurology: Clinical Practice*. 2018 Apr 1;8(2):120-8.
7. Paplikar A, Mekala S, Bak TH, Dharamkar S, Alladi S, Kaul S. Bilingualism and the severity of poststroke aphasia. *Aphasiology*. 2019 Jan 2;33(1):58-72.
8. Ramakrishnan S, Mekala S, Allad Si, Kaul S et al. Comparative effects of education and bilingualism on onset of Mild Cognitive Impairment. *Dement Geriatr Cogn Disord* 2017;44:222-231
9. Chepuru R, Shaik AJ, Tandra SR, Gaddamanugu P, Alladi S, Kaul S. Nasu–Hakola disease (polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy): First report from India. *Neurology India*. 2018 Mar 1;66(2):538.
10. Kaul S, Alladi S, Jabeen SA, Bandaru VR, Ankem U, Mekala S, Naik GS. Intracranial atherosclerosis is the most common stroke subtype: Ten-year data from hyderabad stroke registry (India). *Annals of Indian Academy of Neurology*. 2018 Jul;21(3):209.
11. Ram R, Kaul S, Alladi S, Afshan JS, Prabha TS, Kohat A, Tandra S, Rani JY. Risk factors, vascular lesion distribution, outcome and recurrence of strokes due to intracranial atherosclerosis: One year data from Hyderabad stroke registry. *Annals of Indian Academy of Neurology*. 2017 Oct;20(4):387.
12. Kaul S, Alladi S, Mridula KR, Bandaru VC et al. Prevalence and risk factors of asymptomatic carotid artery stenosis in an Indian population: An 8-year follow-up study. *Neurology India* 2017 ;65:279-285
13. Alladi S, Bak TH, Shailaja M, Kaul S et al. Bilingualism delays the onset of behavioral but not aphasic forms of frontotemporal dementia. *Neuropsychologia*. 2017;99:207-212.

14. ATTEND Collaborative Group. Family-led rehabilitation after stroke in India (ATTEND): a randomised controlled trial. *Lancet*. 2017 Jun 27. doi: 10.1016/S0140-6736(17)31447-2.
15. Kaul S, Alladi S, Mridula KR, Bandaru VC et al. Prevalence and risk factors of asymptomatic carotid artery stenosis in an Indian population: An 8-year follow-up study. *Neurology India* 2017 ;65:279-285
16. Chen C, Homma A, Mok VC, Krishnamoorthy E, Alladi S, Meguro K, Abe K, Dominguez J, Marasigan S, Kandiah N, Kim SY, Lee DY, De Silva HA, Yang YH, Pai MC, Senanarong V, Dash A. Alzheimer's disease with cerebrovascular disease: current status in the Asia-Pacific region. *J Intern Med*. 2016. doi: 10.1111/joim.12495
17. Alladi S, Bak TH, Mekala S, Rajan A, Chaudhuri JR, Mioshi E, Krovvidi R, Surampudi B, Duggirala V, Kaul S. Impact of Bilingualism on Cognitive Outcome After Stroke. *Stroke*. 2016 ;47:258-261.
18. Kaul S, Alladi S. Medicolegal issues in neurology. *Ann Indian Acad Neurol*. 2016 Oct;19:S1.
19. Bak TH, Alladi S. Bilingualism, dementia and the tale of many variables: Why we need to move beyond the Western World. Commentary on Lawton et al. (2015) and Fuller-Thomson (2015). *Cortex*. 2016;74:315-317.
20. Bommakanti K, Somayajula S, Suvarna A, Purohit AK, Mekala S, Chadalawadi SK, Gaddamanugu P. Pre- operative and post-operative cognitive deficits in patients with supratentorial meningiomas. *Clin Neurol Neurosurg*. 2016;143:150-158.
21. Mukherjee O, Alladi S, Ghosh A et al. A study of common variants in MAPT, GRN, C9orf72 and APOE genes in frontotemporal lobar degeneration disorders in India. *Amyotrophic Lateral Sclerosis Frontotemporal dementia* 2015;17(1-2):151-3
22. Kaul S, Alladi S, Mridula RK, Bandaru SV, Boddu DB, Anjanikumar D, Umamashesh M. Prevalence and risk factors of carotid intima-media thickness in asymptomatic individual subjects in a tertiary care center in India. *Ann Indian Acad Neurol*. 2015;18:430-434.
23. Iyer GK, Alladi S, Bak TH, Shailaja M, Mamidipudi A, Rajan A, Gollahalli D, Chaudhuri JR, Kaul S. Dementia in developing countries: does education play the same role in India as in the West? *Dement. Neuropsychol*. 2014;8(2):132-140.
24. Mortimer JA , Alladi S , Bak TH, Shailaja M, Russ TC, Duggirala V. Bilingualism delays age at onset of dementia, independent of education and immigration status. *Neurology*.2014; 82(21), 1936-1936.
25. Sachdev P, Kalaria R, O'Brien J, Skoog I, Alladi S, Black SE, et al. Diagnostic Criteria for Vascular Cognitive Disorders: A VASCOG Statement. *Alzheimer Disease & Associated Disorders*. 2014;28:206-218.
26. Bak, Thomas H., and Suvarna Alladi. "Can being bilingual affect the onset of dementia?." *Future Neurology* 9.2 (2014): 101-103.
27. Freedman M, Alladi S, Chertkow H, Bialystok E, Craik FI, Phillips NA, Duggirala V, Raju SB, Bak TH. Delaying onset of dementia: are two languages enough?. *Behavioural neurology*. 2014;2014.

28. Chaudhuri JR, Mridula RK, Alladi S, Balaraju B, Bandaru VC. Serum 25-hydroxyvitamin D deficiency in ischemic stroke and subtypes in Indian patients. *Journal of Stroke*.2014;16:44-50.
29. Sada S, Reddy Y, Rao S, Alladi S, Kaul S. Prevalence of middle cerebral artery stenosis in asymptomatic subjects of more than 40 years age group: a transcranial Doppler study. *Neurol India*. 2014;62:510-515.
30. Jayalakshmi S, Ruikar D, Vooturi S, Alladi S, Sahu S, Kaul S, Mohandas S. Determinants and predictors of outcome in super refractory status epilepticus--a developing country perspective. *Epilepsy Res*. 2014;108:1609-1617.
31. Alladi S, Bak TH, Duggirala V, Surampudi B, Shailaja M, Shukla AK, Chaudhuri JR, Kaul S. Bilingualism delays age of onset of dementia, independent of education and immigration status. *Neurology*. 2013 Nov 26;81(22):1938-44.
32. Alladi S, Shailaja M, Mridula KR, Haritha CA, Nallapareddy K, Khan SA, Divyaraj G, Kaul S. Mild Cognitive Impairment: Clinical and imaging profile in a memory clinic setting in India. *Dement Geriatr Cogn Disord*. 2013 Oct 10;37(1-2):113-124.
33. Mekala S, Alladi S, Chandrasekar K, Fathima S, O'Connor CM, McKinnon C, Hornberger M, Piguet O, Hodges JR, Mioshi E. Cultural differences might not be reflected in levels of carer burden in FTD: a comparison study between India and Australia. *Dement Neuropsychol*.2013;7:104-109.
34. Yew B, Alladi S, Shailaja M, Hodges JR, Hornberger M. Lost and forgotten? Orientation versus memory in Alzheimer's disease and frontotemporal dementia. *J Alzheimers Dis*. 2013;33(2):473-81.
35. Suryaprabha T, Kaul S, Alladi S, Bandaru VS, Singh A. Acute posterior circulation infarct due to bicuspid aortic valve vegetation: An uncommon stroke mechanism. *Ann Indian Acad Neurol*. 2013;16(1):100-2.
36. Narayan D, Kaul S, Ravishankar K, Suryaprabha T, Bandaru VC, Mridula KR, Jabeen SA, Alladi S, Meena AK, Borgohain R. Risk factors, clinical profile, and long-term outcome of 428 patients of cerebral sinus venous thrombosis: Insights from Nizam's Institute Venous Stroke Registry, Hyderabad (India). *Neurol India*. 2012;60(2):154-9.
37. Aggarwal NT, Tripathi M, Dodge HH, Alladi S, Anstey KJ. Trends in Alzheimer's disease and dementia in the Asian-pacific region. *Int J Alzheimers Dis*. 2012;2012:171327.
38. Boddu DB, Sharma VK, Bandaru VC, Jyotsna Y, Padmaja D, Suvarna A, Kaul S. Validation of transcranial Doppler with magnetic resonance angiography in acute cerebral ischemia. *J Neuroimaging*. 2011 Apr;21(2):e34-40.
39. Alladi S, Mekala S, Chadalawada SK, Jala S, Mridula R, Kaul S. Subtypes of Dementia: A Study from a Memory Clinic in India. *Dement Geriatr Cogn Disord*. 2011 Aug 10;32(1):32-38.
40. Vasanta D, Suvarna A, Sireesha J, Raju SB. Language choice and language use patterns among Telugu-Hindi/Urdu-English speakers in Hyderabad, India. In *Proceedings of the International Conference on Language, Society and Culture in Asian Contexts 2010* (pp. 57-67). Maharakam University.
41. Alladi S, Kaul S, Mekala S. Vascular Cognitive Impairment: Current concepts and Indian Perspective. *Annals of Indian Academy of Neurology*, 2010;13:104-108.

42. Alladi S, Mridula R, Mekala S, Rupela V, Kaul S. Fluent Aphasia in Telugu: A Case Comparison Study of Semantic Dementia and Stroke Aphasia. *Indian Journal of Applied Linguistics*, Vol 36, No 1-2, Jan-Dec 2010a.
43. Munshi A, Babu S, Kaul S, Shafi G, Rajeshwar K, Alladi S, Jyothy A. Depletion of serum zinc in ischemic stroke patients. *Methods Find Exp Clin Pharmacol*. 2010 Jul-Aug;32(6):433-6.
44. Munshi A, Sharma V, Kaul S, Rajeshwar K, Babu MS, Shafi G, Anila AN, Balakrishna N, Alladi S, Jyothy A. Association of the -344C/T aldosterone synthase (CYP11B2) gene variant with hypertension and stroke. *J Neurol Sci*. 2010 Sep 15;296(1-2):34-8. Epub 2010 Jul 3.
45. Boddu DB, Srinivasarao Bandaru VC, Reddy PG, Madhusudan M, Rukmini MK, Suryaprabha T, Jabeen SA, Suvarna A, Jayalakshmi SS, Meena AK, Borgohain R, Kaul S. Predictors of major neurological improvement after intravenous thrombolysis in acute ischemic stroke: a hospital-based study from south India. *Neurol India*. 2010 May-Jun;58(3):403-6.
46. Kaul S, Bandaru VC, Suvarna A, Boddu DB. Stroke burden and risk factors in developing countries with special reference to India. *J Indian Med Assoc*. 2009;358, 367-70.
47. Alladi S. Vascular cognitive impairment. *Indian J Psychiatry* 2009;51:61-4
48. Bandaru VC, Kaul S, Laxmi V, Neeraja M, Mahesh MU, Alladi S, Boddu DB. Antibodies to Chlamydia pneumoniae are associated with increased intima media thickness in asymptomatic Indian individuals. *J Stroke Cerebrovasc Dis*. 2009 May-Jun;18(3):190-4.
49. Munshi A, Babu SM, Alladi S, Kaul S et al. Phosphodiesterase 4D (PDE4D) gene variants and the risk of ischemic stroke in a South Indian population. *J of Neurological Sci*.2009;285:142-145.
50. Mridula KR, Alladi S, Varma DR, Chaudari JR, Jyotsna Y, Borgohain R, Kaul S. Corticobasal syndrome due to thalamic tuberculoma and focal cortical atrophy. *BMJ case Rep*. 2009;2009.
51. Munshi A, Sultana S, Kaul S, Reddy BP, Alladi S, Jyothy A. Angiotensin-converting enzyme insertion/deletion polymorphism and the risk of ischemic stroke in a South Indian population. *J Neurol Sci*. 2008 Sep 15;272(1-2):132-5.
52. Bandaru VCSS, Laxmi V, Neeraja M, Alladi S, Meena AK, Borgohain R, Keerthi A S, Kaul S. Chlamydia pneumoniae antibodies in various subtypes of ischemic stroke in Indian patients, *Journal of the Neurological Sciences*, 2008;272 (1):115-122.
53. Mridula KR, Alladi S, Varma DR, Chaudari JR, Jyotsna Y, Borgohain R, Kaul S. Corticobasal syndrome due to thalamic tuberculoma and focal cortical atrophy. *J Neurol Neurosurg Psychiatry* 2008 Jan;79(1):107-8
54. Alladi S, Mridula R, Chaya, Sailaja M, Kaul S. Familial frontotemporal dementia: Frequency, Clinical syndromes, Imaging and Pathology study from south India. *Annals of Indian Academy of Neurology* 2007;10;S 2; S54
55. Alladi S, Xuereb J, Bak T, Nestor P, Knibb J, Patterson K, Hodges JR. Focal cortical presentations of Alzheimer's disease. *Brain*. 2007 Oct;130:2636-45.

56. Alladi S, Nestor PJ, Hodges JR et al. Mild cognitive impairment: applicability of research criteria in a memory clinic and characterization of cognitive profile. *Psychol Med.* 2006;36:507-15
57. Alladi S, Kaul S, Meena AK. Pattern of Vascular Dementia in India: Study of Clinical Features, Imaging and Vascular Mechanisms from a Hospital Dementia Registry. *Journal of Stroke and Cerebrovascular disease* 2006;15:49-56
58. Sundaram C, Umabala P, Laxmi V, Purohit AK, Prasad VS, Panigrahi M, Sahu BP, Sarathi MV, Kaul S, Borghain R, Meena AK, Jayalakshmi SS, Suvarna A, Mohandas S, Murthy JM. Pathology of fungal infections of the central nervous system: 17 years' experience from Southern India. *Histopathology.* 2006 Oct;49(4):396-405
59. Diggumarthy SR, Suvarna A, Kaul S, Murthy VS. Transcranial Color coded Doppler evaluation of intracranial circulation in extracranial carotid artery occlusion. *Asian Oceanic Journal of Radiology* 2003; 8: 42-45
60. Alladi S, Kaul S, Meena AK. Cognitive rehabilitation in stroke – therapy and techniques. *Neurology India* 2002; 50: S102-S108
61. Kaul S, Sunitha P, Suvarna A et al. Subtypes of ischemic stroke in a metropolitan city of South India. *Neurol India* 2002; 50: S8 –S15
62. Meena AK, Suvarna A, Kaul S. Critical care management of stroke. *Neurology India* 2002; 50:S37-S49
63. Suvarna A, Meena AK, Kaul S. Rehabilitation of post-stroke Aphasia; therapy and techniques. *Neurol India* 2002; 50(suppl 1): S102-S108
64. Chaudhuri JR, Anand J, Suvarna A, et al: Right Parietal infarction with concomitant mutism. *Acta Neurologica Scandinavia* 1999; 99, 77-79.

Contributions

1. Dr Alladi established one of the first Memory Clinics in India that provides multidisciplinary care to persons with dementia.
2. Dr Alladi's research interests included studying cognitive disorders in the cross-cultural context of socio-economic, cultural and linguistic diversity and has developed, adapted and harmonized cognitive, behavioural and functional tests across six Indian languages and across literate and illiterate populations
3. Dr Alladi's group studies the protective impact of lifetime experiences such as education, complex skills, bilingualism and physical activity on cognition and dementia in the Indian context, using multi-modality methods of investigation.
4. Dr Alladi's research contribute to the development of strategies to reduce burden of dementia due to stroke and cardiovascular risk factors specially in developing countries.
5. She has authored several international publications in the field of dementia and stroke in high impact journals such as *Neurology*, *Brain*, *Stroke* and *Cortex* and her work on the protective role of bilingualism has received wide mention, including in *Nature reviews neurology*.
6. She has been invited to American Association for Advancement of Science Washington, World Congress of Neurology Chile, World Health Summit Berlin, International Conference on Frontotemporal dementia as plenary and invited speaker to disseminate her research work on dementia.