

CURRICULUM VITAE

V. Shivakumar

Research scholar (Ph.D in Clinical Neurosciences)

Department of Psychiatry

National Institute of Mental Health and Neurosciences

Bangalore-560029

Karnataka, India

Email: shvdgrt@gmail.com

Website: <http://www.transpsychlab.org/index.html>

EDUCATIONAL QUALIFICATIONS:

- **Doctor of Philosophy (Ph.D)**

Currently pursuing at Department of Psychiatry, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, India

Date of joining: 10/08/2009

Supervisors

1. Dr. Bangalore. N. Gangadhar, Professor, Dept of Psychiatry, NIMHANS
2. Dr. V. Ravi, Professor & Head, Dept of Neurovirology, NIMHANS
3. Dr. G. Venkatasubramanian, Associate Professor, Dept of Psychiatry, NIMHANS

- **Bachelor of medicine and Bachelor of surgery (MBBS)**

University : Rajiv Gandhi University of Health Sciences, Bangalore

College : Sri Devaraj Urs Medical College, Kolar, Karnataka

Year : 2008

- **College Education**

Board of Control: Pre-University Board, Karnataka

College : St. Joseph's Pre-University College, Bangalore

Year : 2002

- **School Education**

Board of Control: Karnataka Secondary Education Board

School : St. Anne's High School, Kolar, Karnataka

Year : 2000

RESEARCH INTERESTS:

- Area of research
 1. Neurobiology of Schizophrenia
 2. Neuroimaging in Psychiatry
 3. Brain stimulation
 4. Cognition & psychiatry
 5. Metabolic side effects of antipsychotics
 6. Clinical research
- Skills & Techniques
 1. Clinical evaluation of neuropsychiatric patients
 2. Assessment and management of psychoses
 3. Neuroimaging techniques like structural and functional imaging.
 4. Other functional imaging techniques like Functional Near Infrared Spectroscopy (fNIRS)
 5. Brain stimulation techniques like Transcranial Direct Current Stimulation (tDCS)
 6. Hands on experience in Eye-Tracking
 7. Neurophysiological techniques like Event Related Potentials (ERP)
 8. Basic molecular biology techniques
- Scientific reviewer for Journal of Affective Disorders

PUBLICATIONS:

1. **Shivakumar, V.**, Bose, A., Rakesh, G., Nawani, H., Subramaniam, A., Agarwal, S. M., . . . Venkatasubramanian, G. (2013). Rapid improvement of auditory verbal hallucinations in schizophrenia after add-on treatment with transcranial direct-current stimulation. *J ECT*, 29(3), e43-44.
2. **Shivakumar, V.**, Jayaram, N., Rao, N. P., & Venkatasubramanian, G. (2012). Successful use of add - on topiramate for antipsychotic - induced weight gain. *Indian J Psychol Med*, 34(1), 85-86.
3. **Shivakumar, V.**, Kalmady, S. V., Gautham, S., Subramaniam, A., Venkatasubramanian, G., & Gangadhar, B. N. (2013). Planum parietale volume in antipsychotic-naïve schizophrenia. *J Neuropsychiatry Clin Neurosci*, 25(1), E35-36.
4. **Shivakumar, V.**, & Venkatasubramanian, G. (2012). Successful use of adjuvant raloxifene treatment in clozapine-resistant schizophrenia. *Indian J Psychiatry*, 54(4), 394.
5. Rakesh, G., **Shivakumar, V.**, Subramaniam, A., Nawani, H., Amaresha, A. C., Narayanaswamy, J. C., & Venkatasubramanian, G. (2013). Monotherapy with tDCS for Schizophrenia: A case report. *Brain Stimul*.

6. Jhamnani, K., **Shivakumar, V.**, Kalmady, S., Rao, N. P., & Venkatasubramanian, G. (2013). Successful use of add-on minocycline for treatment of persistent negative symptoms in schizophrenia. *J Neuropsychiatry Clin Neurosci*, 25(1), E06-07.
7. Raveendranathan, D., **Shivakumar, V.**, Jayaram, N., Rao, N. P., & Venkatasubramanian, G. (2012). Beneficial effects of add-on raloxifene in schizophrenia. *Arch Womens Ment Health*, 15(2), 147-148.
8. Kalmady, S. V., Venkatasubramanian, G., **Shivakumar, V.**, Jose, D., Ravi, V., & Gangadhar, B. N. (2013). Relationship between Brain-Derived Neurotrophic Factor and Schneiderian First Rank Symptoms in Antipsychotic-Naive Schizophrenia. *Front Psychiatry*, 4, 64.
9. Pruthi, N., Ashok, M., **Kumar, V. S.**, Jhavar, K., Sampath, S., & Devi, B. I. (2012). Magnitude of pedestrian head injuries & fatalities in Bangalore, south India: a retrospective study from an apex neurotrauma center. *Indian J Med Res*, 136(6), 1039-1043.
10. Kalmady, S. V., Agarwal, S. M., **Shivakumar, V.**, Jose, D., Venkatasubramanian, G., & Reddy, Y. C. (2013). Revisiting Geschwind's hypothesis on brain lateralisation: A functional MRI study of digit ratio (2D:4D) and sex interaction effects on spatial working memory. *Laterality*.
11. Virupaksha, H. S., Kalmady, S. V., **Shivakumar, V.**, Arasappa, R., Venkatasubramanian, G., & Gangadhar, B. N. (2012). Volume and asymmetry abnormalities of insula in antipsychotic-naive schizophrenia: a 3-tesla magnetic resonance imaging study. *Indian J Psychol Med*, 34(2), 133-139.
12. VR Hariprasad, S Varambally, **V Shivakumar**, SV Kalmady, G Venkatasubramanian, BN Gangadhar. (2013). Yoga increases the volume of the hippocampus in elderly subjects. *Indian Journal of Psychiatry*, 55(7), 394-396.
13. Meherwan Mehta, U., Agarwal, S. M., Kalmady, S. V., **Shivakumar, V.**, Kumar, C. N., Venkatasubramanian, G., . . . Keshavan, M. S. (2013). Enhancing Putative Mirror Neuron Activity with Magnetic Stimulation: A Single-Case Functional Neuroimaging Study. *Biol Psychiatry*.
14. Agarwal, S. M., Jose, D., Baruah, U., **Shivakumar, V.**, Kalmady, S. V., Venkatasubramanian, G., . . . Reddy, Y. C. (2013). Neurohemodynamic Correlates of Washing Symptoms in Obsessive-compulsive Disorder: A Pilot fMRI Study Using Symptom Provocation Paradigm. *Indian J Psychol Med*, 35(1), 67-74.

Conferences attended

1. 'The 16th Biennial Winter workshop in psychosis-2011', Innsbruck, Austria. Presented poster, titled, '**Pars Triangularis Volume Abnormalities in Antipsychotic-naïve Schizophrenia**'
2. '8th International Congress of the International Neuropsychiatry Association-2011', Chennai, India. Presented poster titled, '**Planum parietale volume**' '**Planum Parietale Volume in Antipsychotic-naïve Schizophrenia**'

Awards

1. **ICMR international travel grant 2011. Shivakumar V**, Venkatasubramanian G, Kalmady S, Kothari S, Rao NP, Behere RV, Gangadhar BN. Pars Triangularis Volume Abnormalities in Antipsychotic-naïve Schizophrenia. The 16th Biennial Winter workshop in psychosis-2011 - January 2011, Innsbruck, Austria.

Awards as co-author

Dr. D.S. Raju Award for the best postgraduate research for the year 2012. Agarwal SM, Jose D, Baruah U, **Shivakumar V**, Kalmady SV, Venkatasubramanian G, Mataix-Cols D, Janardhan Reddy YC. Neurohemodynamic Correlates of Washing Symptoms in Obsessive-Compulsive Disorder: A Pilot fMRI Study Using Symptom Provocation Paradigm. Annual Conference of Indian Psychiatry Society - South Zone 2012, Madurai.

Dr. H S Subramanya Memorial Award for the best postgraduate research for the year 2012. Agarwal SM, Jose D, Baruah U, **Shivakumar V**, Kalmady SV, Venkatasubramanian G, Mataix-Cols D, Janardhan Reddy YC. Neurohemodynamic Correlates of Washing Symptoms in Obsessive-Compulsive Disorder: A Pilot fMRI Study Using Symptom Provocation Paradigm

Dr. H S Subramanya Memorial Award 2011 for the best postgraduate research. Virupaksha H S, Sunil V Kalmady, **Venkataram Shivakumar**, RashmiArasappa, Ganesan Venkatasubramanian, Bangalore N. Gangadhar. Volume & Asymmetry Abnormalities of Insula in Antipsychotic-naïve Schizophrenia: A 3-Tesla MRI Study. Annual Conference of Indian Psychiatry Society - Karnataka Chapter, Mysore

Dr. D.S. Raju Award for the best postgraduate research for the year 2011. Virupaksha H S, Sunil V Kalmady, **Venkataram Shivakumar**, RashmiArasappa, Ganesan Venkatasubramanian, Bangalore N. Gangadhar. Volume & Asymmetry Abnormalities of Insula in Antipsychotic-naïve Schizophrenia: A 3-Tesla MRI Study. Annual Conference of Indian Psychiatry Society - South Zone, Hyderabad

PERSONAL DETAILS

Date of birth : 06/01/1985
Gender : Male
Nationality : Indian
Permanent address : #191, 2nd main, 4th cross,
Talakaveri layout, Amrutahalli
Bangalore- 560092, Karnataka
India