

CURRICULUM VITAE

Dr. Naren P Rao

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My goal is to study the neurobiology of cognitive symptoms in Neuropsychiatric disorders with specific focus on Schizophrenia and Obsessive compulsive disorder. To achieve this goal I utilize research techniques namely magnetic resonance imaging, Positron emission tomography, neuropsychological tests. I aim to use multimodal imaging in conjunction with molecular biology to examine the effects of pharmacological agents on cognitive function. In addition to better understanding of neurobiology of cognitive dysfunction this could pave way to translational clinical application, identification of novel treatments.

Professional experience

- 2011-present – Postdoctoral fellow, Research Imaging Centre, Centre for Addiction and Mental Health, Toronto, ON, Canada
- 2008- 2011 - Senior Resident - Department of Psychiatry, National Institute of Mental Health and Neurosciences, Bangalore, India
- 2005- 2008 - Junior Resident - Department of Psychiatry, National Institute of Mental Health and Neurosciences, Bangalore, India
- 2003-2004 - Resident intern at Sri DevarajUrs Medical College, Kolar.

Qualification

Postgraduate training

- 2005- 2008 - MD Psychiatry - National Institute of Mental Health and Neurosciences, Bangalore, India

Graduate schooling

- 1998-2004 – MBBS - Sri DevarajUrs Medical College, Rajiv Gandhi University of Health Sciences, Bangalore, India

License to practice medicine

2004-onwards Registered Medical Practitioner Karnataka Medical council, Bangalore, India

Professional Memberships

2008 onwards Member, Indian Psychiatric Society
2010 Supported Member, International Society for Bipolar disorder

Reviewer for manuscripts

- Biological Psychiatry
- Journal of Nervous and Mental disorders
- Comprehensive Psychiatry
- Asian Journal of Psychiatry
- Australian and New Zealand Journal of Psychiatry
- Child and Adolescent Psychiatry and Mental Health

Skills

- Structural and functional Magnetic Resonance Imaging (MRI)
- Positron Emission Tomography (PET)
- Development and interpretation of Neurocognitive tests
- Administration of clinical scales and assessments

Areas of Interest

- Schizophrenia
- Obsessive compulsive disorder
- Positron emission tomography
- Magnetic resonance imaging
- Neurocognitive assessment

Awards and honors

- 2012 – **NARSAD young investigator award**, Brain and Behavior research foundation, USA
- 2011 – **Canada – HOPE scholarship**, Canadian Institutes for health research, Canada
- 2011 – **Postdoctoral fellowship**, Centre for Addiction and Mental Health, Toronto, Canada
- 2011 – **Samuel Gershon Award** by International Society for Bipolar disorder at International Conference on Bipolar disorder, Pittsburgh, USA
- 2009 – **Aristotle’s research award** – by International society on Brain and Behaviour at 4th international congress on Brain and Behaviour, Thessaloniki, Greece
- 2009- **Young Scientists' Award** – by World federation of Societies for biological Psychiatry at 9th World Congress of Biological Psychiatry, Paris, France
- 2009-**International Young investigator award** – awarded at International Congress on Schizophrenia research, San Diego, USA
- 2011 – **TilakVenkoba Rao Oration award** by Indian Psychiatric Society, New Delhi, India
- 2011 – **Young Psychiatrist** award by Indian Psychiatric Society, New Delhi, India
- 2010 – **Best paper award** at 7th Joint conference of EEG Clinical Neuro Science and International Society for Neuro Imaging in Psychiatry at Istanbul, Turkey
- 2011 – **International Travel fellowship** – Society of Biological Psychiatry to attend SOBP annual conference at San Francisco, USA
- 2010 – **Young Investigator Travel Award** to attend 7th Annual EEG and Clinical NeuroSciences / International Society of NeuroImaging in Psychiatry Conference at Istanbul, Turkey
- 2010- **Top rated essay** in Essay contest by International Schizophrenia research forum on Unifying hypothesis for schizophrenia based on five compelling facts
- 2010 – **Bhagwat award** for Best research paper by Young Psychiatrist – by Indian Psychiatric Society at 62nd Annual National Conference of Indian Psychiatric Society, Jaipur, India
- 2010 – **Young InvestigatorTravel fellowship** by Schizophrenia International Research Society at 2nd Schizophrenia Scientific Conference, Florence, Italy
- 2010 - **Supported membership** by International society of bipolar disorder
- 2008 - **Silver Jubilee Award** for the best outgoing student of M.D. in Psychiatry - awarded by National Institute of Mental Health and Neurosciences
- 2008 – **Dr. SS Jayaram award** awarded by Indian Psychiatric Society – South Zone (co-author)
- 2004 – **Best outgoing M.B.B.S. graduate** awarded by Sri DevarajUrs Medical college academic society
- 2002- **Gold Medal in Community Medicine** awarded by Sri DevarajUrs Medical college academic society
- 2002 - **Eros award** by Indian Association of Occupational health, Karnataka for Best write up by undergraduate medical student
- 2002- **6TH Rank** - Rajiv Gandhi University of Health Sciences, Karnataka in final MBBS
- 2001- **10th Rank**- Rajiv Gandhi University of Health Sciences, Karnataka in II MBBS
- 1999 - **3rd Rank** - Rajiv Gandhi University of Health Sciences, Karnataka in I MBBS

Publications

Papers in Press

1. Nagpal K, **Rao NP**, Behere RV, Venkatasubramanian G, Varambally S, Gangadhar BN. Details always tell a big story: Importance of physical symptoms in evaluation of secondary causes of depression. *Psychiatry and Clinical Neurosciences* (In press)
2. Kalmady SV, Venkatasubramanian G, Arasappa R, **Rao NP**. Evolutionary Genetic Analyses of MEF2C Gene: Implications for learning and memory in Homo sapiens. *Asian Journal of Psychiatry* (In press)
3. Remington G, Agid O, Foussias G, Hahn M, **Rao NP**, Sinyor M. Clozapine's Role in First-Episode Schizophrenia. *American Journal of Psychiatry* (In press)
4. Jhamnani K, Shivakumar V, Kalmady S, **Rao NP**, Venkatasubramanian G. Successful use of add-on minocycline for treatment of persistent negative symptoms in schizophrenia. *The Journal of Neuropsychiatry and Clinical Neurosciences* (In press)
5. Agarwal SM, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Successful treatment of atypical depression with amisulpride: A case report. *Asian Journal of Psychiatry* (In press)
6. Agarwal SM, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Successful use of modafinil in treatment resistant bipolar depression in an elderly woman. *Indian Journal of Psychiatry* (In press)
7. Divakaran A, Narayanaswamy JC, Kalmadi S, Narayan V, **Rao NP**, Venkatasubramanian G. Family history correlates of digit ratio abnormalities in schizophrenia. *Indian Journal of Psychological Medicine* (In press)
8. Venkatasubramanian G, **Rao NP**, Arasappa R, Kalmady SV, Gangadhar BN. A longitudinal study of relation between side-effects and clinical improvement in schizophrenia: is there a neuro-metabolic threshold for second generation antipsychotics? *Clinical Psychopharmacology & Neuroscience* (In Press)

Papers published:

9. **Rao NP**. Pathogenetic & therapeutic perspectives on neurocognitive models in psychiatry: A synthesis of behavioral, brain imaging & biological studies. *Indian Journal of Psychiatry* 2012; 54(3): 217-222
9. Jose SP, Sharma E, Narayanaswamy JC, Rajendran V, Kalmady SV, **Rao NP**, Venkatasubramanian G, Gangadhar BN. Entorhinal Cortex Volume in Antipsychotic-naïve Schizophrenia. *Indian Journal of Psychological Medicine* 2012 (2); 164-169
10. Shivakumar V, Jayaram N, **Rao NP**, Venkatasubramanian G. Successful use of add-on topiramate for antipsychotic-induced weight gain. *Indian Journal of Psychological Medicine* 2012 Jan;34(1):85-6
11. **Rao NP**, Kasal V, Mutalik RN, Behere RV, Venkatasubramanian G, Varambally S, Gangadhar BN. Has "kahlbaum syndrome" disappeared or is it underdiagnosed? -Reexamining the nosology of catatonia. *Journal of Electro Convulsive Therapy* 2012; 28(1):62-3.
12. Behere RV, John M, Sureshkumar R, Varambally S, **Rao NP**, Venkatasubramanian G, Gangadhar BN. Mood Disorder in Association with MoyaMoya Disease. *Psychiatry Clin Neurosci* 2012 Mar; 66(2):163-4.

13. Saraf G, Behere RV, Venkatasubramanian G, **Rao NP**, Varambally S, Gangadhar BN. Hyperprolactinemia with aripiprazole: understanding the paradox. *Am J Therapeutics*. 2012 Feb 18. [Epub ahead of print]
14. Sharma E, Raveendranathan D, Shivakumar V, Jayaram N, **Rao NP**, Venkatasubramanian G. Beneficial effects of add-on raloxifene in schizophrenia : A case report. *Archives of Women's Mental Health*. 2012 Jan 31. [Epub ahead of print]
15. **Rao NP**, Venkatasubramanian G, Gangadhar BN. Proton magnetic resonance spectroscopy in depression. *Indian Journal of Psychiatry* 2011 Oct;53(4):307-11.
16. Kalyani BG, Venkatasubramanian G, Arasappa R, **Rao NP**, Kalmady SV, Behere RV, Rao H, Vasudev MK, Gangadhar BN. Neuro-hemodynamic Correlates of Om Chanting: A Pilot fMRI Study. *International Journal of Yoga* 2011;4(1):3-6
17. **Rao NP**, Venkatasubramanian G, Arasappa R, Gangadhar BN. Relationship between corpus callosum abnormalities and schneiderian first-rank symptoms in antipsychotic-naive schizophrenia patients. *The Journal of Neuropsychiatry and Clinical Neuroscience* 2011;23(2):155-62.
18. **Rao NP**, Mutalik NR, Kasal V, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Monocyte abnormality in catatonia: revisiting the immune theory of catatonia. *Journal of Electroconvulsive therapy* 2011; 27(3): e53-54.
19. Devi S, Behere RV, Varambally S, **Rao NP**, Venkatasubramanian G, Gangadhar BN. Physical deformity as sequela of chronic catatonia and response to electroconvulsive therapy : A case report. *Journal of Electro Convulsive Therapy* 2011;27(3):e49-50
20. Jayaram N, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Successful use of Aripiprazole in delusional disorder with co-morbid pituitary microadenoma. *Psychosomatics* 2011; 52(4): 395-397.
21. Sharma E, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Sivakumar PT, Gangadhar BN. Relation between weight gain and clinical improvement: Is there a metabolic threshold for second generation antipsychotics? *Psychiatry Research*. 2011;186(1):155.
22. Duraiswamy K, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Psychogenic Polydipsia in Bipolar Affective Disorder- A Case Report. *General Hospital Psychiatry* 2011;33(1):84.e9-10.
23. **Rao NP**, Antony A, Raveendranathan D, venkatasubramanian G, Behere RV, Varambally SS, Gangadhar BN. Successful use of Maintenance ECT in the treatment of clozapine associated Obsessive compulsive symptoms in schizophrenia – A Case Report. *Journal of Electro Convulsive Therapy* 2011;27(1):e37-8.
24. **Rao NP**, Venkatasubramanian G, Koparde V, Behere RV, Varambally S, Gangadhar BN. Treatment of polydipsia and hyponatremia in schizophrenia with risperidone: A Case Report. *Turkish Journal of Psychiatry* 2011; 22(2): 123-125.
25. Agarwal SM, **Rao NP**, Venkatasubramanian G. Clozapine: a friend estranged? *Indian Journal of Psychiatry* 2011 Jul;53(3):274-275
26. Agarwal SM, **Rao NP**, Jhamnani K, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Prolactin - a biomarker for antipsychotic treatment response? Primary care companion to CNS disorders 2011;13(4): e1 :doi:10.4088/PCC.11101155
27. Rakesh G, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Treatment of depressive symptoms in late onset schizophrenia with phytoestrogens: a case report. Primary care companion to CNS disorders 2011;13(3): doi:10.4088/PCC.10101123

28. Jayaram N, **Rao NP**, Venkatasubramanian G, Sanmuganathan S, Behere RV, Varambally S, Gangadhar BN. Acyclovir in bipolar disorder: a mismatched combination? Indian journal of psychological medicine 2011 Jul;33(2):208-9.
29. Agarwal SM, Behere RV, Venkatasubramanian G, **Rao NP**, Varambally S, Gangadhar BN. Successful treatment of co-morbid obesity & polycystic ovarian disease with add-on metformin in bipolar affective disorder. Primary Care Companion to CNS Disorders 2011;13(5). pii: PCC.11101164
30. Venkatasubramanian G, Arasappa R, **Rao NP**, Behere RV, Kalmady S, Gangadhar BN. Inverse relationship between serum high density lipoprotein and negative syndrome in antipsychotic-naïve schizophrenia. Clinical Chemistry & Laboratory Medicine 2010; 48(1):95-8.
31. **Rao NP**, Arasappa R, Reddy NN, Venkatasubramanian G, Gangadhar BN. Antithetical Asymmetry in Schizophrenia and Bipolar Affective Disorder: A Line Bisection Study. Bipolar disorders 2010; 12: 221-229.
32. **Rao NP**, Arasappa R, Reddy NN, Venkatasubramanian G, Reddy YC. Emotional interference in obsessive-compulsive disorder: a neuropsychological study using optimized emotional Stroop test. Psychiatry Research 2010;180(2-3):99-104
33. Venkatasubramanian G, Arasappa R, **Rao NP**, Behere RV, Gangadhar BN. Adjuvant metformin worsens psychosis in schizophrenia: A case report. Primary Care Companion to the Journal of Clinical Psychiatry 2010;12(2):e1
34. Reddy YCJ, **Rao NP**, Khanna S. Obsessive-Compulsive Disorder Research in India. Indian Journal of Psychiatry 2010; 52: S115-124.
35. Behere RV, **Rao NP**, Venkatasubramanian G. Biological Investigations in Psychiatry: A Selective Overview. Indian Journal of Psychiatry 2010; 52: S103-105.
36. **Rao NP**, Venkatasubramanian G, Gangadhar BN. Add-on quetiapine for difficult to treat bipolar depression. German Journal of Psychiatry 2010; 13: 41-44
37. Divakaran A, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Gangadhar BN. Chlorpromazine Induced Cataract in a Young Patient with Schizophrenia: A case report. Indian Journal of Psychological Medicine 2010;32:69-70
38. Sharma E, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally SS, Gangadhar BN. Successful treatment of co-morbid Schizophrenia and Multiple Sclerosis. Asian Journal of Psychiatry 2010;3:235-236
39. Venkatasubramanian G, Arasappa R, **Rao NP**, Gangadhar BN. Digit Ratio (2D:4D) Asymmetry & Schneiderian First Rank Symptoms: Implications for Cerebral lateralization theories of Schizophrenia. Laterality 2010 Dec 1; 1-14.
40. Danivas V, Behere RV, **Rao NP**, Varambally S, Venkatasubramanian G, Gangadhar BN. ECT In Treatment of Delirious Mania: A Report of 2 Cases. Journal of Electro Convulsive Therapy 2010;26(4):278-9.
41. **Rao NP**, Kalmady S, Arasappa R, Venkatasubramanian G. Clinical correlates of Thalamus volume deficits in Antipsychotic-naïve Schizophrenia: A 3 Tesla MRI Study. Indian Journal of Psychiatry 2010;52:229-35
42. **Rao NP**, Loganathan S, Prakash O, Varghese M. Use of Electro-Convulsive Therapy for schizophrenia with co-morbid Marfan syndrome. Journal of Electro convulsive therapy 2009;25(4):276-7.

43. Behere RV, Anjith D, **Rao NP**, Venkatasubramanian G, Gangadhar BN. Olanzapine induced clinical seizure: A case report. *Clinical Neuropharmacology* 2009;32(5):297-8.
44. **Rao NP**, Palaniyappan P, Chandur J, Venkatasubramanian G, Gangadhar BN. Successful Use of Donepezil in Treatment of Cognitive Impairment due to Maintenance ECT – A Case Report. *Journal of Electro Convulsive Therapy* 2009; 25 (1): 216-218.
45. Danivas V, Kalmady S, Arasappa R, Behere RV, **Rao NP**, Venkatasubramanian G, Gangadhar BN. Inferior Parietal Lobule Volume & Schneiderian First Rank Symptoms in Antipsychotic-naïve Schizophrenia: A 3 Tesla MRI Study. *Indian Journal of Psychological medicine* 2009; 31: 82-87
46. Venkatasubramanian G, **Rao NP**, Behere RV. Neuroanatomical, Neurochemical, and Neurodevelopmental Basis of Obsessive-Compulsive Symptoms in Schizophrenia. *Indian Journal of Psychological medicine* 2009; 31(1): 3-10.
47. Reddy NN, **Rao NP**, Venkatasubramanian G, Arasappa R, Behere RV, Divakaran A, Sivakumar PT, Gangadhar BN. Rimonabant-induced catatonia in schizophrenia: A case report. *Obesity Research & Clinical Practice* 2009; 3:237-239
48. **Rao NP**, Reddy YC, Kumar KJ, Kandavel T, Chandrashekar CR. Are neuropsychological deficits trait markers in OCD? *Progress in Neuropsychopharmacology and Biological Psychiatry*. 2008; 32(6):1574-9
49. **Rao NP**, Kumar NC, Raman BR, Sivakumar PT, Pandey RS. Role of vitamin B12 in depressive disorder - a case report. *General Hospital Psychiatry* 2008; 30(2): 185-6.
50. Arasappa R, **Rao NP**, Venkatasubramanian G, Jayakumar PN, Gangadhar BN. Structural Cerebellar Abnormalities in Antipsychotic Naïve Schizophrenia: Evidence for Cognitive Dysmetria. *Indian Journal of Psychological medicine* 2008; 83-89
51. **Rao NP**, Gupta A, Sreejayan K, Chand PK, Benegal V, Murthy P. Toluene associated schizophrenia like psychosis. *Indian Journal of Psychiatry* 2009; 51(4): 329-330
52. **Rao NP**, Danivas V, Venkatasubramanian G, Behere RV, Gangadhar BN. Co-morbid Bipolar disorder and Usher syndrome. *Primary Care Companion to the Journal of Clinical Psychiatry* 2010;12(2):e1
53. Vinay HR, Sundar KGS, Behere RV, Arasappa R, **Rao NP**, Venkatasubramanian G, Sivakumar PT, Gangadhar BN. Effect Of Risperidone On Metabolic Parameters In Antipsychotic-Naïve Schizophrenia: A Prospective One Year Follow-Up Study. *Asian Journal of Psychiatry* 2011; 73–74
54. **Rao NP**, Chand PK, Murthy P. A case of late-onset pedophilia and response to sertraline. *Primary Care Companion to the Journal of Clinical Psychiatry* 2007; 9(3):235-6
55. **Rao NP**, Venkatasubramanian G, Gangadhar BN. Treatment of cognitive deficits in schizophrenia with atomoxetine: a case report. *Journal of Clinical Psychiatry* 2007; 68(12):1988-9.

Conference proceedings:

56. Baharnoori M, Bartholomeusz C, Boucher AA, Buchy L, Chaddock C, Chiliza B, Föcking M, Fornito A, Gallego JA, Hori H, Huf G, Jabbar GA, Kang SH, El Kissi Y, Merchán-Naranjo J, Modinos G, Abdel-Fadeel NA, Neubeck AK, Ng HP, Novak G, Owolabi OO, Prata DP, **Rao NP**, Rieckensky I, Smith DC, Souza RP, Thienel R, Trotman HD, Uchida H, Woodberry KA, O'Shea A, DeLisi LE. The 2nd Schizophrenia International Research Society Conference, 10-14 April 2010, Florence, Italy: summaries of oral sessions. *Schizophrenia Research*. 2010 Dec;124(1-3):e1-62.

57. **Rao NP**. Conference Proceedings: 62nd Annual National Conference of Indian Psychiatric Society. Asian Journal of Psychiatry 2010; 3: 90

Online Resource

- **Rao NP**. Neuroimmune-endocrine Model for Schizophrenia: Gene-Environment Crosstalk? <http://www.schizophreniaforum.org/images/srfsirsessaytop12.pdf>. Accessed May 29, 2010

Book chapters:

1. Gangadhar BN, **Rao NP**. Self-Induced Altered States Of Consciousness. In: Towards New Horizons in Consciousness Research from the Boundaries of the Brain. Edit: Dr. Perry EK, Collerton D, LeBeau F, Ashton H. John Benjamin Publishing Company, Amsterdam. 2010: 289-299.
2. Gangadhar BN, **Rao NP**, Venkatasubramanian G. Proton Magnetic spectroscopy in depression. In: Souvenir of 61st annual conference of Indian Psychiatric Society 2009: 28-34.
3. OmPrakash, **Rao NP**, Vaisnav M. Sexual Dysfunction in Mentally Ill. In: Physical health of mentally ill. Indian Psychiatric Society; 2010. p133-140.
4. **Rao NP**, Venkatasubramanian G. Clinical Neurology for psychiatrists - An overview. In: Psychiatry in India: Training and training centres. Indian Psychiatric Society; 2012. p315-320
5. Venkatasubramanian G, **Rao NP**. Neuroimaging in psychiatry - An overview. In: Psychiatry in India: Training and training centres. Indian Psychiatric Society; 2012. p311-314
6. **Rao NP**, Varmambally S, Gangadhar BN. Yoga school of thought and Psychiatry: Therapeutic potential. In: Indian concepts of Psychiatry and Mental Health. Indian Psychiatric Society (In press)

Conference Presentations

1. **Rao NP**, Jayaram N, Vishwanath V, Kalmady S, Venkatasubramanian G, Gangadhar BN. Antithetical relative emotional interference in bipolar disorder and schizophrenia: An optimized emotional stroop study. Poster presentation at 9th International conference on Bipolar disorders, Pittsburgh, USA, 2011
2. **Rao NP**, Venkatasubramanian G, Kalmady S, Manivannan C, Cherian A, Ravi V, Reddy YCJ. Immunological abnormalities in patients with drug naive comorbidity free obsessive compulsive disorder. Poster presentation at 66th Annual conference of Society of Biological Psychiatry, San Francisco, USA, 2011
3. **Rao NP**. Neuro imaging in Obsessive compulsive disorder and Depression. Symposium in 63rd Annual National conferences of Indian Psychaiatric Society, New Delhi,2011.
4. **Rao NP**, Venkatasubramanian G, Sridhar S, Behere RV, Varambally S, Gangadhar BN. Add on topiramate for antipsychotic induced weight gain. Poster presentation at 63rd Annual National conferences of Indian Psychaiatric Society, New Delhi,2011
5. Agarwal SM, **Rao NP**, Venkatasubramanian G, Behere RV, Varambally S, Sivakumar PT, Gangadhar BN. Amisulpride in Atypical Depression - A Case Report. Poster presentation at 63rd Annual National conferences of Indian Psychaiatric Society, New Delhi,2011
6. **Rao NP**, Venkatasubramanian G, Kalmady SV, Behere RV, Arasappa R, Gangadhar BN. Neuroanatomical Correlates of Dermatoglyphic Complexity Index in Antipsychotic-naïve

Schizophrenia. Poster presentation at 2nd Schizophrenia Scientific Conference by Schizophrenia International Research Society at Florence, Italy 2010

7. **Rao NP**, Venkatasubramanian G, Kalmady SV, Arasappa R, Vasudev MK, Gangadhar BN. Symptom Correlates of Thalamic nuclei volume deficits in antipsychotic-naïve schizophrenia: A 3-Tesla MRI study. Oral presentation at 7th Annual EEG and Clinical NeuroSciences / International Society of NeuroImaging in Psychiatry Conference at Istanbul, Turkey 2010
8. **Rao NP**, Venkatasubramanian G, Arasappa R, Gangadhar BN. Relationship between corpus callosum abnormalities and Schneiderian first rank symptoms in antipsychotic naïve schizophrenia: A 3 Tesla MRI study. Poster presentation at 4th International congress on Brain and Behaviour, Thessaloniki, Greece 2009
9. **Rao NP**, Arasappa R, Reddy NN, Venkatasubramanian G, Reddy YCJ. Emotional interference in obsessive-compulsive disorder: A neuropsychological study using optimized emotional stroop test. Young Scientist session oral presentation at 9th World Congress of Biological Psychiatry, Paris, France. Abstract of the 9th World Congress of Biological Psychiatry 2009: 110
10. **Rao NP**, Arasappa R, Reddy NN, Venkatasubramanian G, Gangadhar BN. Antithetical asymmetry in schizophrenia and bipolar affective disorder: A line bisection study. Poster presentation at International Congress on Schizophrenia research, San Diego, USA 2009. Schizophrenia Bulletin 2009; 35 (Suppl 1): 267.
11. **Rao NP**, Kalmady S, Arasappa R, Venkatasubramanian G. Clinical correlates of Thalamus volume deficits in Antipsychotic-naïve Schizophrenia: A 3 Tesla MRI Study. Indian Journal of Psychiatry. Oral Presentation at 62nd Annual National Conference of Indian Psychiatric Society at Jaipur, India
12. **Rao NP**, Venkatasubramanian G, Gangadhar BN. Four arms: supernumerary phantom limbs after radiation myelopathy – A case report. Poster presentation at Annual National conferences of Indian Psychaiatric Society, Jaipur, 2010
13. **Rao NP**, Kumar SPB, Behere RV, Venkatasubramanian G, Gangadhar BN. Aripiprazole in treatment of antipsychotic induced hyperprolactinemia. Poster presentation at 61st Annual Conference of Indian Psychiatric Society, Agra, 2009. Indian J Psychiatry 51(Suppl 2): S154; 2009
14. **Rao NP**, Venkatasubramanian G, Gangadhar BN. Add on quetiapine for difficult to treat bipolar depression. Poster presentation at 61st Annual Conference of Indian Psychiatric Society, Agra, 2009. Indian J Psychiatry 51(Suppl 2): S154; 2009
15. **Rao NP**, Venkatasubramanian G, Reddy YCJ. Attention and emotion processing deficits in obsessive compulsive disorder: A neuropsychological study using optimized emotion stroop test. Oral paper presentation at annual conference of the Indian Psychiatric Society, Karnataka branch, 2007