

Prabhakara Choudary, M.Sc., Ph.D.

Clinical Interests	The molecular genetics and functional genomics of neuropsychiatric and neurodegenerative disorders.
Title	Professor Professor, Center for Neuroscience
Specialty	Bioethics, Molecular Biology/Medicine
Department	Psychiatry and Behavioral Sciences
Division	Psychiatry
Languages	Hindi, Kannada, Telugu
Education	Ph.D., Indian Institute of Science, Bangalore, 1976 M.Sc., University of Bombay, Bombay, India, 1969 B.Sc., Andhra University, Waltair, 1966
Fellowships	American Association for the Advancement of Sciences, Washington, D.C., 1986 Rockefeller Foundation, New York, New York, 1990 Royal Society of Chemistry, London, 2000 Royal Society of Tropical Medicine & Hygiene, London, 1999 Washington Academy of Sciences, Washington, D.C., 1985
Professional Memberships	Human Proteome Organization International Brain Research Organization Society for Neuroscience
Honors and Awards	Royal Society of Chemistry Elected Fellow, 2000 Rolex International Award for Enterprise Associate Laureate, 1993 Rockefeller Foundation Biotechnology Career Fellow, 1990 Jawaharlal Nehru Centenary Lectureship, 1989 American Association for the Advancement of Sciences Elected Fellow, 1986
Select Recent Publications	Choudary PV. Power troubles in Parkinson's disease. Commentary. <i>CNS Neurol Disord Drug Targets</i> . 2011 Mar;10(2):146. Choudary PV, J Knowles. Genetics. In: <i>American Psychiatric Publishing Text Book of Psychiatry</i> (Eds. Robert E Hales, Stuart C. Yudofsky, and Glen O. Gabbard), 199-251, 2008. Murray KD, PV Choudary, EG Jones. Nucleus- and cell-specific gene expression in monkey

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thalamus. *Proc Natl Acad Sci USA* 104:1989-1994, 2007, PMID: 17261798.

Vawter MP, H Tomita, F Meng, B Bolstad, JZ Li, SJ Evans, PV Choudary, ME Atz, L Shao, CR Neal, DM Walsh, TP Speed, RM Myers, EG Jones, SJ Watson, H Akil, WE Bunney Jr. Mitochondrial related genes are sensitive to agonal-pH state: implications for brain disorders. *Mol Psychiatry* 11: 615; 663-679, 2006, PMID: 16636682.

Karszen AM, JZ Li, S Her, PD Patel, F Meng, SJ Evans, MP Vawter, H Tomita, PV Choudary, WE Bunney Jr, EG Jones, SJ Watson, H Akil, RM Myers, AF Schatzberg, DM Lyons. Application of micro array technology in primate behavioral neuroscience research. *Methods* 38:227-234, 2006, PMID: 16469505.

Choudary PV, M Molnar, SJ Evans, H Tomita, JZ Li, MP Vawter, RM Myers, WE Bunney Jr, H Akil, SJ Watson, EG Jones. Altered cortical glutamatergic and GABAergic signal transmission and glial involvement in major depression. *Proc Natl Acad Sci USA* 102:15653-15658, 2005, PMID: 16230605.

Li JZ, MP Vawter, DM Walsh, H Tomita, SJ Evans, PV Choudary, JF Lopez, A Avelar, V Shokoohi, T Chung, O Mesarwi, EG Jones, SJ Watson, H Akil, WE Bunney Jr, RM Myers. Systematic changes in gene expression in postmortem human brains associated with tissue pH and terminal medical conditions. *Human Mol Genetics* 13:609-616, 2004, PMID: 14734628. [see 'news and views in brief,' *Nature* 427: 501, 2004]

Evans SJ, PV Choudary, CR Neal, JZ Li, MP Vawter, H Tomita, JF Lopez, RC Thompson, F Meng, JD Stead, DM Walsh, RM Myers, WE Bunney Jr, SJ Watson, EG Jones, H Akil. Dysregulation of the fibroblast growth factor system in major depression. *Proc Natl Acad Sci USA* 101:15506-15511, 2004, PMID: 15483108. [see 'research highlights,' *Nature* 431: 1051, 2004]

Tomita H, MP Vawter, DM Walsh, SJ Evans, PV Choudary, JZ Li, KM Overman, ME Atz, RM Myers, EG Jones, SJ Watson, H Akil, WE Bunney Jr. Effect of agonal and postmortem factors on gene expression profile: quality control in microarray analyses of postmortem human brain. *Biol Psychiatry* 55: 346-352, 2004, PMID: 14960286.

WE Bunney Jr, BG Bunney, MP Vawter, H Tomita, J Li, SJ Evans, PV Choudary, RM Myers, EG Jones, SJ Watson, H Akil. Microarray technology: a review of new strategies to discover candidate vulnerability genes in psychiatric disorders. *Am J Psychiatry* 160: 657-666, 2003, PMID: 12668351.

Evans SJ, PV Choudary, MP Vawter, J Li, JH Meador-Woodruff, SM Burke, RC Thompson, RM Myers, EG Jones, WE Bunney, SJ Watson, H Akil. DNA microarray analysis of functionally discrete human brain regions reveals divergent transcriptional profiles. *Neurobiol Disease* 14: 240-250, 2003, PMID: 14572446.

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