

BIOGRAPHICAL SKETCH

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NAME Michele Tortora Pato, MD		POSITION TITLE Professor, Department of Psychiatry & Co-Director, Center for Psychiatric & Molecular Genetics, SUNY, Upstate Medical University	
eRA COMMONS USER NAME PatoMT			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Brown University, Providence, RI	Sc.B.	1978	Psychology with honors
U of Cincinnati College of Medicine, Cincinnati, Mass. General Hosp./Harvard Med. School	M.D. Residency	1983 1983-1986	Medicine Psychiatry

A. Positions and Honors**Professional Experience:**

1977 Researcher, Department of Psychology, Brown University, Providence, RI
 1986 - 1990 Psychiatrist, Clinical Center, National Institute of Mental Health
 1987 - 1989 Director, Obsessive-Compulsive Disorder Project, Section on Neuropharmacology, NIMH
 1990 - 1992 Assistant Professor and Director of OCD and Anxiety Disorders Outpatient Program, Dept of Psychiatry and Behavioral Medicine and Univ. Hospital, SUNY at Stony Brook
 1991 - 1992 Assoc. Director of Outpatient Svcs, Dept of Psychiatry and Behavioral Med, SUNY at Stony Brook
 1992 - 1996 Assist Prof of Psychiatry, Dept of Psychiatry & Human Behavior, Brown Univ. School of Medicine
 1993 - 1996 Medical Director, Corrigan Mental Health Center, Fall River, MA
 1990 - Adjunct Professor, Centro de Neurociencia, University of Coimbra, Portugal
 1996 - 2001 Medical Director of Ambulatory Services, Buffalo General Hospital, Buffalo, NY
 1996 - 2001 Associate Professor, Director of Residency Training Program, Department of Psychiatry & Behavioral Medicine, SUNY at Buffalo
 2001 - Professor of Psychiatry, SUNY Upstate Medical University, Syracuse, NY
 2001 - 2004 Founding Director, Center for Psychiatric and Molecular Genetics, SUNY Upstate Medical University, Syracuse, NY
 2003 - 2004 Associate Chief of Staff for Research, Syracuse VA Medical Center, Syracuse New York
 2004 - Co-Director, Center for Neuropsychiatric Genetics, SUNY Upstate Medical University
 2004- Associate Chief of Staff for Education, VA Medical Center, Washington DC

Honors and Awards:

1) Honorary National Science Foundation Grant in Psychology 1977; **2)** NRSA 1986,1987;
3) NARSAD Young Investigator Award, 1989; **4)** ACP Creativity Psychiatric Education

B. Selected peer-reviewed publications (from over 120, in chronological order)

Pigott TA, **Pato MT**, Bernstein SE, Grover GN, Hill JL, Tolliver TJ, Murphy DL. Controlled comparisons of clomipramine and fluoxetine in the treatment of obsessive compulsive disorder. Arch Gen Psychiatry. 1990;47:929-932

- Pato MT** and Pato CN. Psychometrics in obsessive-compulsive disorder. In *The Psychobiology of Obsessive-Compulsive Disorder* (Zohar J, Insel T and Rasmussen S, eds.). 1991. New York: Springer Press.
- Pato MT**, Pigott TA, Hill JL, Grover GN, Bernstein SE, Murphy DL. Clomipramine vs. buspirone in OCD: a controlled trial. *Am J Psychiatry*. 1991; 148:1.
- Pato CN, Macciardi F, **Pato MT**, Vega M, Kennedy JL: "Review of the Putative Association of DRD2 and Alcoholism: A Meta-Analysis". *American J. of Medical Genetics* (Neuropsychiatric Genetics) 48:78-82, 1993
- Pato CN, **Pato MT** and Kennedy JL. Summary of the World Congress on Psychiatric Genetics *American J of Medical Genetics* (Neuropsychiatric Genetics), 1993; 48:234-236.
- Dowling F, **Pato MT** & Pato CN. Obsessive Compulsive Disorder and Psychotic Disorders: A Review. *Harvard Review of Psychiatry*, 3:2 (Jul-Aug 1995), 75-83
- Pato MT**, Eisen J & Phillips K. Obsessive Compulsive Disorder. Tasman A, Kay J & Lieberman J (eds): *Psychiatry*. Saunders Press. (1996)
- Pato CN, Azevedo MH, **Pato MT**, Kennedy JL, Coelho I, Dourado A, Macedo A, Valente J, Ferreira CP, Madeira J, Moniz M, Correia C: "Selection of Homogeneous Populations for Genetic Study: The Portuguese Genetics of Psychosis Project". *Am. J. of Med. Gen.* 74:286-288, 1997.
- Pato CN, **Pato MT**, Azevedo MH, Kennedy JL, Schindler K, Coelho I, Dourado A, Macedo A, Valente J, Ferreira CP, Madeira J, Moniz M, Farrasone S: "Methodology and Statistical Power of the Portuguese Genetics of Psychosis Project". *Psiqui. Clin.* 18: (1).35-40 , 1997.
- Azevedo MH, Soares MJ, Coelho I, Dourado A, Valente J, Macedo A, **Pato MT**, Pato C, "Using consensus OPCRIT diagnoses: An efficient procedure for best estimate lifetime diagnoses" *British J of Psych.* 175:706-709. 1999
- Bauer A, Ram R, Schindler K, **Pato MT**, Macciardi F, Pelham W, Pato CN: Identification of ADHD pedigrees and SUD Pedigrees through an ADHD Proband Sample. *CNS Spectrums*, 4;5:55-58, 1999.
- Kennedy JL, **Pato MT**, Bauer A, Carvalho C, Pato CN: "Genetics of Schizophrenia Current Findings and Issues" *CNS Spectrums* 4(5):17-21, 1999.
- Pato CN, **Pato MT**, Bauer A, Medeiros H , Kennedy JL "Genetics of Bipolar disorder" *CNS Spectrums*, 1999;4(6)22-29.
- Pato MT**, Pato CN, Kennedy JL, Pauls DL: "Summary of the genetics proceedings of the 3rd IOCDC" *CNS Spectrum*, 4;5(suppl.3):22-24, 1999.
- Schindler KM, Dalla Torre C, Bauer A, Medeiros H, Carvalho C, Fernandes F, **Pato MT**, Pato CN: "Identification of a Highly Homogeneous Population for Genetic Study of Psychiatric Disorders" *CNS Spectrums*, 4(5):22-24, 1999.
- Pato CN, Macedo A, Ambrosio A , Vincent JB, Bauer A, Schindler K, Xu J, Coelho I, Dourado A, Valente J, **Pato MT**, Azevedo MH, Kennedy J: "Detection of expansion regions in bipolar families." *American J. of Medical Genetics* (Neuropsychiatric Genetics)96:6:854-857 (2000)
- Schindler KM, Richter MA, Kennedy J.L., **Pato MT**, and Pato CN, "Association between homozygosity at the COMT gene locus and Obsessive Compulsive Disorder" *American J. of Medical Genetics* (Neuropsychiatric Genetics) 96:6:721-724 (2000).
- Vincent JB, Yuan Q, Schalling M, Adolfsson R, Azevedo MH, Macedo A, Bauer A, DallaTorre C, Medeiros HM, **Pato MT**, Pato CN, Bowen T, Guy CA., Owen MJ., O'Donovan MC, Paterson AD, Petronis A, Kennedy JL, "Long repeat tracts as SCA* are relatively common" *American J. of Medical Genetics* (Neuropsychiatric Genetics) 96:6:873-876 (2000)
- Pato MT**, Pato CN: Teaching Research Basics to all Residents: 10 years of Experience. *Academic Psychiatry*. Spring 2001.
- Pato MT**, Schindler KM, Pato CN, "Genetic Analyses of Obsessive Compulsive Disorder" *Curr. Psych. Reports* in press (2001)
- Pato MT** and Zohar J (eds.). *Current Treatment of Obsessive-Compulsive Disorder*. 1991. Washington, DC: American Psychiatric Press. 2nd edition in Press 2001.

- Xu J, **Pato MT**, Dalla Torre C, Medeiros H, Carvalho C, Basile VS, Bauer A, Dourado A, Valente J, Soares MJ, Macedo AA, Coelho I, Paz Ferreira C, Azevedo MH, Macciardi F, Kennedy JL, Pato CN, "Evidence for linkage disequilibrium between the alpha 7-nicotinic receptor gene (CHRNA7) locus and Schizophrenia in Azorean families" American J. of Medical Genetics (Neuropsychiatric Genetics) 2001. 105(8):669-74
- Schindler KM, Azevedo MH, Kennedy JL, **Pato MT**, Pato CN, "Association and linkage disequilibrium between a functional polymorphism of the dopamine-2 receptor gene and schizophrenia in a genetically homogeneous Portuguese population." Molecular Psychiatry .2002; 7(9):1002-5.
- Pato MT**, Pato CN, Pauls DL. Recent findings in the genetics of OCD. J Clin Psychiatry. 2002;63 Suppl 6:30-3. Review.
- Pallanti S, Hollander E, Bienstock C, Koran L, Leckman J, Marazziti D, **Pato M**, Stein D, Zohar J. Treatment non-response in OCD: methodological issues and operational definitions. Int J Neuropsychopharmacol. 2002 Jun;5(2):181-91.
- Narendran R, Young CM, Pristach CA, **Pato MT**, Valenti AM, Fass AR. Efficacy of clozapine in the treatment of atypical antipsychotic refractory schizophrenia: a pilot study. J Clin Psychopharmacol. 2003 Feb;23(1):103-4.
- Sklar, P., **Pato, M. T.**, Kirby, A., Petryshen, T. L., Medeiros, H., & Carvalho, C. et al. (2004). Genome-wide scan in Portuguese Island families identifies 5q31-5q35 as a susceptibility locus for schizophrenia and psychosis.
- Pato CN, **Pato MT**, Kirby A, Petryshen TL, Medeiros H, Carvalho C, Macedo A, Dourado A, Coelho I, Valente J, Soares MJ, Ferreira CP, Lei M, Verner A, Hudson TJ, Morley CP, Kennedy JL, Azevedo MH, Daly MJ, Sklar P (2004). Genome-wide scan in Portuguese Island families implicates multiple loci in bipolar disorder: fine mapping adds support on chromosomes 6 and 11. American Journal of Medical Genetics, May 15;127B(1):30-4.
- Middleton, F. A., **Pato, M. T.**, K. L. Gentile, C. P. Morley, X. Zhao, & A.F. Eisener et al. (2004). Genomewide Linkage Analysis of Bipolar Disorder by Use of a High-Density Single-Nucleotide–Polymorphism (SNP) Genotyping Assay: A Comparison with Microsatellite Marker Assays and Finding of Significant Linkage to Chromosome 6q22. American Journal of Human Genetics, Am J Hum Genet. 2004 May;74(5):886-97. Epub 2004 Apr 01.
- Eisener A, **Pato MT**, Medeiros H, Carvalho C, Pato CN (2004). Genetics of Schizophrenia: Recent Advances. Mental Fitness: The Science of Mental Wellness, 3(3): 32-37.

C. Current Grants, or Grants completed within the past three years

- **NIMH** - RO1 –MH58693 "Genetic Analysis of Bipolar Mood Disorder." \$850,000. Funded (25% time). No Scientific or Budgetary overlap
- **NIMH** - RO1-MH52618 - "Genetic Analysis of Psychosis." \$420,000. Funded (30% time) Completed 04/2004.
- **NIMH – R13**- "Research Colloquium for Junior Investigators" [2001-2005] \$481,488 (No salary support) No Scientific or Budgetary overlap
- **VA MERIT** (2004-2008) - \$150,000 annually, beginning July 2004. High density genetic mapping of schizophrenia families, a pilot study.