

2009-2010 TSA Research Grant Recipients (list will be published in booklet form later in 2009)

Izhar Bar-Gad, Ph.D. \$75,000, Bar-Ilan University, Ramat-Gan, Israel. The Neurophysiology of Action Release in the Primate Model of Tourette Syndrome.

Barbara Coffey, M.D., M.S.; F. Xavier Castellanos, M.D.; Eva Petkova, Ph.D.; Douglas Woods, Ph.D. \$75,000, New York University School of Medicine, New York, NY. Improving Tic-related Response Inhibition: Comparing the Effects of Methylphenidate to Placebo in Children & Adolescents with ADHD and Chronic Tic Disorders (2nd Year funding).

Russell C. Dale, Ph.D., M.R.C.P.H.; Fabienne Brilot; Tanya Murphy, M.D., M.S. \$71,600, University of Sydney, Sydney, Australia. Detection and characterization of pathogenic autoantibodies targeting the dopamine system in PANDAS and Tourette Syndrome.

Paola Devoto, Ph.D.; Marco Bortolato, M.D. \$68,000, University of Cagliari, Monserrato, Italy. Therapeutic Action of 5-alpha-Reductase Inhibitors in Tourette Syndrome.

Vilma Gabbay, M.D., M.S.; Barbara Coffey, M.D., M.S.; Dikoma Shungu, Ph.D. \$75,000, New York University School of Medicine, New York, NY, Aminobutyric Acid in Tourette's Disorder: An MR Spectroscopy Study.

Dorothy E. Grice, M.D.; Joseph Buxbaum, Ph.D. \$74,900, New York State Psychiatric Institute & Columbia University, New York, NY. Functional Evaluation of SLIRK1 in Neurons (2nd Year funding).

Jean M. Hébert, Ph.D.; Kamran Khodakhah, Ph.D. \$75,000, Albert Einstein College of Medicine, Bronx, NY. Identification of a Tourette Syndrome Associated Gene in Mice.

Lawrence F. Kromer, Ph.D. \$66,000, Georgetown University Medical Center, Washington, DC. Substrates Regulating Basal Ganglia Circuit Formation and Motor Stereotypy.

Chiang-shan Ray Li, M.D., Ph.D.; James Leckman, M.D. \$75,000, Yale University School of Medicine, New Haven, CT. Imaging Cognitive Motor Control in Tourette Syndrome.

Vincent B. McGinty, Ph.D. \$40,000, Albert Einstein College of Medicine, Bronx, NY. Stimulus-Response Encoding in the Nucleus Accumbens and its Modulation by Dopamine (Fellowship).

Masaaki Ogawa, M.D., Ph.D. \$40,000, University of Maryland School of Medicine, Baltimore, MD. Role of the Orbitofrontal Cortex and Midbrain Dopamine Neurons in Associative Learning from Reward Prediction Errors (Fellowship).

Peristera Paschou, Ph.D. \$74,970, Democritus University of Thrace, Alexandroupoli , Greece. Tourette Syndrome Genetics. The Southern and Eastern Europe Initiative. (2nd Year funding).

John Piacentini, Ph.D.; John Walkup, M.D.; Douglas Woods, Ph.D. \$62,877, University of California, Los Angeles, CA. Psychosocial Intervention for Young Children with Chronic Tics.

Jeremiah M. Scharf, M.D., Ph.D.; Yoav Ben-Shlomo, M.D., Ph.D.; Carol Mathews, M.D. \$75,000, Massachusetts General Hospital, Harvard Medical School, Boston, MA. Evaluation of Prenatal and Perinatal Risk Factors for Tourette Syndrome and Chronic Tic Disorders in a Large, Prospective, Population-based Cohort.

Eric A. Storch, Ph.D.; Tanya K. Murphy, M.D. \$72,172, University of South Florida, St. Petersburg, FL. Living with Tics: Development and Pilot Examination of a Psychosocial Treatment to Improve Resilience and Coping in Youth with Tics.

Flora M. Vaccarino, M.D.; Yuko Kataka, M.D., Ph.D. \$71,892 Yale University School of Medicine, New Haven, CT. Interneuron Deficit and Functional Compartments of the Striatum in Tourette Syndrome.

Martin Weber, Ph.D.; Jared W. Young, Ph.D. \$40,000, University of California at San Diego School of Medicine, La Jolla, CA., Novel D3 Receptor Compounds for the Treatment of Tourette Syndrome (TS): A Combined *In Vivo* and *In Vitro* Approach (2nd year).

Douglas W. Woods, Ph.D.; Leon Dure, M.D.; Don Gilbert, M.D.; Jon Mink, M.D.; John C. Piacentini, Ph.D.; John T. Walkup, M.D. \$49,280, University of Wisconsin-Milwaukee, Milwaukee, WI. Transporting Behavior Therapy to Neurology Clinics: Adaptation, Development and Feasibility.