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TSA Research Report:

2014-2015

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Members of the TSA International Deep Brain Stimulation Registry featured on CNN

The TSA continues to support studies aimed at finding genes associated with the disorder

Over the past year, the Tourette Syndrome Association (TSA) and Movement Disorders Society have funded the first genetic analysis of a study looking at Tourette syndrome (TS) diagnosis and examining the first direct genetic evidence of linkage on chromosome 8q24 to TS. This analysis of over 1300 individuals from families across the country will allow researchers to refine the TS susceptibility region and provide insights into understanding genetic factors that may lead to more effective treatment options for individuals with TS and their families. A number of other studies have used the TSA’s Database of Genotypes and Phenotypes to examine TS and Tic Disorders and are in different stages of completion.

TSA funds 9 new grants to study Tourette Syndrome

The TSA National Tourette Syndrome Research Grant and Fellowship Program, supported in part by the Andrea Novello Family Foundation, has awarded 9 new grants to study Tourette Syndrome. The grants, totaling $408,000, will provide support for researchers to explore many different lines of investigation, including the biology of TS with an ultimate goal that may enable the development of novel therapies for TS and related conditions. The grants will support projects across the United States, Canada, Europe, and Australia. A full list of the 2015 grants and recipients is available at tourettes.org/grants.

The TSA Malea L. Novello Family Foundation, the Andrea Novello Family Foundation, and the Milton E. Novello Legacy Foundation

Tourette Syndrome Research Grant and Fellowship Program

For more information visit www.tsa.org/research

In the past year, the 26th World Medical Association has continued its work to develop a universal code of ethics for medicine. The participants have been working to establish a minimum standard for the ethical practice of medicine and to strengthen the ethical principles of the Declaration of Helsinki.

Neuroimaging project is providing insights into the brain changes associated with TS

The TSA Neuroimaging Consortium has finished its first pilot, looking at the structure of the prefrontal cortex (PFC) in TS and OCD, compared to controls. The PFC is a brain region that is responsible for functions such as thinking, reasoning, and planning. The PFC has been previously found to have lower volume in TS. We are preparing a second application for financial support to continue this project. For more information visit www.tsa.org/research/neuroimaging-consortium.
The national Tourette Syndrome Association has designated 10 Tourette Syndrome Associates Centers of Excellence (CofE) programs healthcare facilities, research centers and academic institutions located across the United States. The TSA has awarded grants to these centers for five years per year in an effort to improve health-related care for individuals living with the disorder. Among the 10 Tourette Syndrome Associations Centers of Excellence, are 11 designated by Tourette Syndrome researchers, located within a site and a network of participating institutions located in 11 sites across the country. These CofE programs will work together to meet the needs of the Tourette Syndrome community.

Members of the TSA International Deep Brain Stimulation Registry featured on CNN

The TSA International Deep Brain Stimulation (DBS) Registry is featured on CNN. The TSA has partnered with the Center for Brain Health at Southern Methodist University and the Park Dietz Institute at the National Institutes of Health.

The TSA continues to support studies aimed at finding genes associated with the disorder

Over the past year, the TSA Neurogenetics Consortium has featured four genetic analyses. A study that established that the first direct genetic evidence of OCD and Tourette Syndrome (TS) is from a shared genetic region on chromosome 14q13.1.

The Neurogenetics Consortium has produced additional genetic evidence of both tic and non-tic features.

TSA funds 9 new grants to study Tourette Syndrome

The National Tourette Syndrome Association (TSA) is excited to announce the funding of nine new grants: the Egr3 and Tic Disorder grant, the CRP-and cotinine levels during the pregnancy in a smaller cohort including 100 cases and 100 controls of the same age, and the Randomized, controlled studies suggest that marijuana may be effective for the treatment of TS. The group met in Sweden in 2013. We have already established that the CRP-and cotinine levels during the pregnancy in a smaller cohort including 100 cases and 100 controls of the same age, and the Randomized, controlled studies suggest that marijuana may be effective for the treatment of TS.
The 1st World Congress on Tourette Syndrome to meet the many needs of the Tourette Syndrome community.

Located within a single state and a network of participating institutions once per year for three years in an effort to improve or build high-level care for facilities, research centers and academic institutions located across the country. Two of the major goals of the Conferences are: (1) to identify and support settings that can meet the many needs of the Tourette Syndrome community.

The national Tourette Syndrome Association has designated 10 Tourette Centers and Institutions. The TSA designates 10 “Centers of Excellence” at U.S. Medical Centers and Institutions.

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