

Program

Thursday, June 11 (6:30 pm - 9:30 pm)

6:30 pm **Registration opens**

9:30 pm **Registration closes**

Friday, June 12 (8:00 am - 8:30 pm)

8:00 am **Registration**

8:30 am *Breakfast*

9:15 am **Welcoming Remarks**

9:30 am **Session 1: Tourette Syndrome research: past, present and future**

TS, the big picture, where neurobiology meets environment

What will it take to hunt down the TS genes?

Neural circuits and TS

Twin studies of developmental psychopathology and wellness: strategies for the study of complex behaviors (including tics)

Chair: M. Robertson

J. Walkup

N. Freimer

S. Haber

J. Hudziak

11:10 am *Morning Break*

11:30 am **Session 2: Circuits in TS**

Inhibitory interneurons in TS brains

What do striatal inhibitory interneurons do?

Imaging evidence for circuit dysfunction in TS

Treatments aimed at circuits: DBS

Chair: J. Mink

F. Vaccarino

J. Berke

B. Schlaggar

V. Visser-Vanderwalle

1:10 pm *Lunch*

2:00 pm **Session 3: Public Health**

Report on epidemiologic findings from CDC

Chair: L. Scahill

R. Bitsko

	The prevalence and service use of Tourette Syndrome in private insurance and medicaid populations	M. Olfson
	Disability associated with tics in community samples	A. von Knorring
	Priorities as judged by people with TS	D. Woods
	TSA Early Career Research Award: Presented to Nicole Calakos M.D., Ph.D.	
<i>3:40 pm</i>	<i>Afternoon Break</i>	
4:00 pm	Roundtable Discussions (concurrent sessions)	
	What can we learn about TS from imaging?	K. Black
	Guidelines and Recommendations on DBS & TS	J. Juncos
	Developmental aspects of cognitive control	R. Marsh
	Technology, telemedicine and TS therapy	M. Himle
5:30 pm	Poster Session and Reception	
7:00 pm	Banquet Dinner	
	Lifetime Achievement Award: Presented to Joseph Jankovic, M.D.	

Saturday June 13 (8:00 am - 4:30 pm)

8:00 am	Registration	
<i>8:15 am</i>	<i>Breakfast</i>	
9:00 am	Session 4: Neuroimmunology	Chair: T. Murphy
	A brief introduction to the field	T. Murphy
	Immunology of the nervous system	M. Schwartz
	Neuroimmunology of TS	G. Giovannoni
	Longitudinal clinical and immunologic study of TS and streptococcal infection	R. Kurlan
	PANDAS reconsidered	J. Leckman
<i>10:40</i>	<i>Morning Break</i>	

am

11:00 am **Session 5: Neurochemistry/pharmacology** **Chair: H. Singer**

- Evidence-based overview of pharmacological treatment D. Gilbert
- Future directions in TS treatment J. Coyle
- What can we learn from animal models of TS? B. Caine
- Effect of environmental factors in the onset of hair-pulling and skin-picking in a mouse model J. Garner

12:40 pm *Lunch*

1:15 pm **Roundtable Discussions (concurrent sessions)**

- Patients' and parents' response to the concept that behavior therapy can reduce tics J. Walkup & L. Scahill
- Treatment of behavioral co-morbidities B. Coffey & J. McCracken
- What would TS look like in an animal model J. Garner

2:15 pm *Afternoon Break*

2:30 pm **Session 6: Behavior therapy** **Chair: S. Wilhelm**

- Physiology of volition control A. Aron
- Behavioral model of tic expression and treatment A. Peterson
- Exposure and response prevention for tics C. Verdellen
- CBIT methods and findings D. Woods
- Interpretation & implications of behavioral treatment studies J. Piacentini

4:30 pm *Symposium Adjourns*