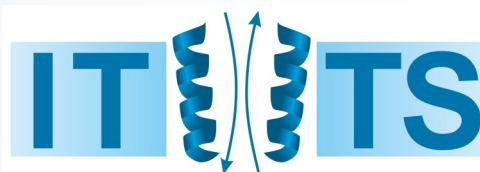


# International Transmembrane Transporter Society



# Newsletter

Volume 1, Issue 1

## A Word From the President

Greetings to all our transporter friends and ITTS members! ITTS has just passed its six-month birthday and we couldn't be more pleased with the response from the international transporter community. Membership is now at 75 and represents researchers from 13 countries and 5 continents. Research interests likewise span an impressive breadth of fields, from neurotransmitters to amino acids, from organic anions to multidrug resistance and from nucleosides to sugars. We offer our deepest thanks and appreciation to our members for supporting the Society, and are looking forward to continued growth in the future.

The aim of this newsletter is to keep members up-to-date on Society events and upcoming transporter-related meetings. In the current issue, you will find photos and a report from Vice-President Lynette Daws on our wonderful recent mixer at the Experimental Biology meeting in Boston, MA. In addition, Vice President Harald Sitte has assembled an exhaustive listing of international transporter related meetings being held this year. We hope you will find meetings best suited to your research program!

We are also pleased to announce the inaugural honorary member of ITTS, Dr. Nancy Zahniser, Emeritus Professor of Pharmacology at the University of Colorado School of Medicine. You can read more about Dr. Zahniser in this newsletter.

You are receiving this newsletter as a member benefit. Please help our Society grow by spreading the word to your colleagues. We look forward to an exciting year ahead as we grow our Society and move toward establishing regular transporter conferences of our own.

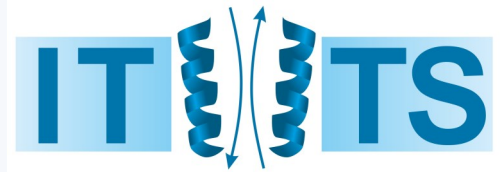
*Haley E. Melikian*

President

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# International Transmembrane Transporter Society



## Inaugural mixer of ITTS, a great success

ITTS hosted its first social event on March 29 during the Experimental Biology meeting, held in Boston, Massachusetts, USA. The venue was the Pacific Grand Ballroom at the Renaissance Boston Waterfront Hotel, where guests were treated to a delicious appetizer buffet along with drinks and plenty of great conversation. President of ITTS, Dr. Haley Melikian, gave wonderful welcoming remarks. Secretary/Treasurer of ITTS, Dr. Habibeh Khoshbouei, took the floor for the highlight of the evening, announcing the first honorary member of ITTS, Dr. Nancy Zahniser. Dr. Zahniser's research contributed greatly to our understanding of dopamine glutamate interactions in addiction. A short biography of Nancy's amazing accomplishments is contained within this newsletter. Many thanks go to Haley and Habibeh for their major role in organizing this terrific event. The society looks forward to hosting many more in years to come.



# International Transmembrane Transporter Society



## Honorary Membership for Dr. Nancy Zahniser

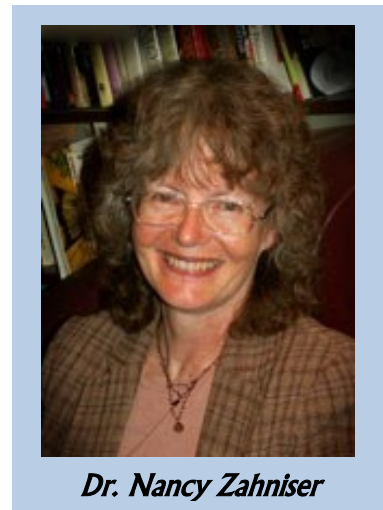
We are pleased to announce Dr. Nancy Zahniser, Emeritus Professor of Pharmacology at the University of Colorado School of Medicine, as the first honorary member of ITTS. Honorary membership is reserved for those who have made sustained and impactful contributions to transporter research. Dr. Zahniser received her B.A. in chemistry from the College of Wooster in Ohio and spent a postgraduate year teaching school in India. She received a Ph.D. in Pharmacology in 1977 from the University of Pittsburgh School of Pharmacy. She began post-doctoral research at the University of Colorado and rose quickly through the ranks to become a faculty member, remaining there throughout her productive career.

Dr. Zahniser's research initially focused on receptor signaling/regulation, with an emphasis on striatal presynaptic receptors. More recently, her research has focused on understanding (i) how the brain neurotransmitters dopamine (DA) and glutamate contribute to individual differences in cocaine-induced brain plasticity and addiction-like behaviors in rodent models and (ii) how neuronal DA transporters (DATs) are rapidly regulated. Dr. Zahniser's findings have significantly contributed to understanding the overall importance of DATs in the addictive process.

Throughout Dr. Zahniser's career, she has engaged many wonderful collaborators. Her research has been continuously funded by NIH since 1981, including MERIT and Senior Scientist awards from NIDA. She has an outstanding record of mentorship, having trained 9 graduate students and 22 post-doctoral fellows in her lab. Together, they have published 152 peer-reviewed papers, reviews and book chapters.

In addition to serving as vice-chair and acting chair of the Pharmacology Department at the University of Colorado, Dr. Zahniser has directed an NIAAA-supported post-doctoral training grant, NIGMS-funded pre-doctoral pharmacology training grant and ASPET-supported Summer Undergraduate Research Fellowship (SURF) program for under-represented students. Until recently, she was also part-time Associate Dean for Research Education at the University of Colorado, serving as a resource for persons applying for training grants, fellowships and career awards. She has served as ASPET treasurer and a member of two NIH study sections, the NIDA Advisory Council and the NIDA Intramural Research Program Board of Scientific Counselors.

We congratulate Dr. Zahniser on her long and productive career, and are delighted to extend this honorary membership to her.



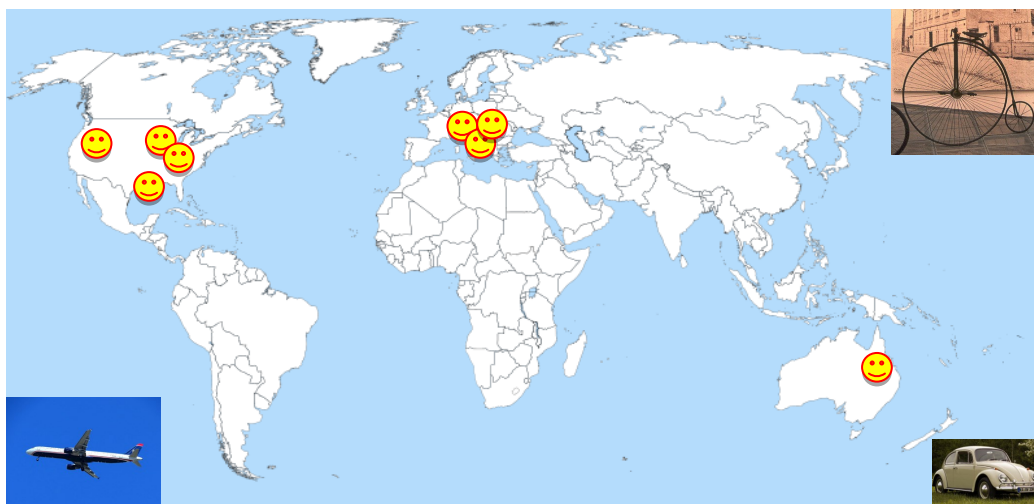
*Dr. Nancy Zahniser*



# International Transmembrane Transporter Society



## Transporters around the world - transport-related conferences, an overview



**2015**

**June 14-19, 2015** Bentley University, Waltham, MA, USA.

Gordon Research Conference: Breaking Technical Limits: Electrophysiology and Cell Biology of Organellar Channels and Transporters (<http://www.grc.org/programs.aspx?id=16866>)

**Application deadline: May 17, 2015**

**June 28-July 3, 2015** Bates College, Lewiston, ME, USA.

Gordon Research Conference: Integrating Structure, Function and Dynamics (<https://www.grc.org/programs.aspx?id=11587>)

**Application deadline: May 31, 2015**

**August 3-7, 2015** Juridicum, Vienna, Austria.

14th International Congress on Amino Acids, Peptides and Proteins (<http://www.meduniwien.ac.at/icaap/>)

**Application deadline: May 10, 2015**

**August 9-13, 2015** Palazzo dei Congressi, Lugano, Switzerland.

9th International BioMedical Transporters Conference "Membrane transporters-from basic science to drug discovery" ([http://www.bioparadigms.org/biomedical15/15\\_neu.html](http://www.bioparadigms.org/biomedical15/15_neu.html))

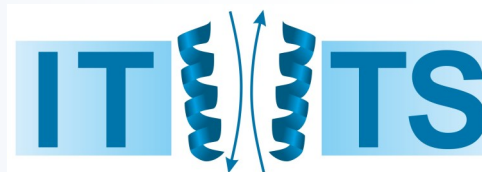
**Reduced registration fee until June 1, 2015**

**August 20-23, 2015** Hotel Grand Chancellor, Palm Cove, Australia. ISN Brain in Flux Satellite. Brain Transporters: From Genes to Genetic Disorders to Function and Drug Discovery

(<https://www.regonline.com/builder/site/default.aspx?EventID=1617310>)

**Application deadline: May 31, 2015**

# International Transmembrane Transporter Society



## 2015 (continued)

**September 5-8, 2015** Medical University Vienna, University Dental Clinics, Vienna, Austria.  
Annual Meeting of the Special Research Programme 35 “Transmembrane Transporters in Health and Disease” ([www.sfb35.at/symp15.htm](http://www.sfb35.at/symp15.htm))

**Application deadline: June 30, 2015**

## 2016

**January 31-February 5, 2016** Renaissance Tuscany Il Ciocco, Lucca (Barga), Italy.  
Gordon Research Conference: Ligand Recognition & Molecular Gating; Molecular Basis of Ligand Recognition and Gating in Transmembrane Signaling and Transport  
(<http://www.grc.org/programs.aspx?id=12689>)

**Application deadline: January 3, 2016**

Also Gordon Research Seminar: <http://www.grc.org/programs.aspx?id=17192>

**Application deadline: January 2, 2016**

**March 6-11, 2016** Hotel Galvez, Galveston, TX, USA.  
Gordon Research Conference: Protein Transport Across Cell Membranes: Mechanism, Structure, and Regulation (<http://www.grc.org/programs.aspx?id=13920>)

**Application deadline: February 7, 2016**

Also Gordon Research Seminar: <http://www.grc.org/programs.aspx?id=15423>

**Application deadline: February 6, 2016**

**June 12-17, 2016** Renaissance Tuscany Il Ciocco, Lucca (Barga), Italy.  
Gordon Research Conference: Membrane Transport Proteins  
(<http://www.grc.org/programs.aspx?id=12736>)

**Application deadline: May 15, 2016**

Also Gordon Research Seminar: <http://www.grc.org/programs.aspx?id=17202>

**Application deadline: May 14, 2016**

**July 24-27, 2016** The Edgewater hotel, Seattle, WA, USA.  
12th International Society for Serotonin Research Meeting: “*Serotonin in Seattle*”  
(<http://www.serotoninclub.org>)

**Call for symposia proposals open until June 12, 2015**

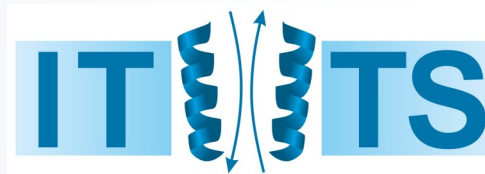
**August 31-September 2, 2016** Medical University Vienna, University Dental Clinics, Vienna, Austria.  
Annual Meeting of the Special Research Programme 35 “Transmembrane Transporters in Health and Disease”

**Application deadline: June 30, 2016**

**September 5-8, 2016** Campus of the University of Vienna & Medical University of Vienna, Vienna, Austria.  
Dopamine 2016 ([www.dopamine2016.org](http://www.dopamine2016.org))

**Call for symposia proposals open until July 31, 2015**

# International Transmembrane Transporter Society



## How to Become a Member of ITTS

*The International Transmembrane Transporter Society invites members from all areas of transporter biology.*

### Annual Membership Dues:

Regular Members: \$50 USD per year

Graduate Students: \$25 USD per year

For Emeritus rate, please visit <http://www.ittsociety.org/membership/>

Please note that we require email confirmation of student status from the mentor. Send email confirmations to: [habibeh@ufl.edu](mailto:habibeh@ufl.edu)

### Payment Options:

Accepted forms of payment are PayPal or check.

To join and pay online:

- Visit <http://www.ittsociety.org/membership/> and complete the form

To pay by check:

- Visit <http://www.ittsociety.org/membership/> to download the application and make check payable to: "International Transmembrane Transporter Society"

#### **Mail to:**

Dr. Habibeh Khoshbouei  
Department of Neuroscience  
University of Florida  
P.O. Box 100244  
Gainesville, FL 32611-0244

### Address Change:

Be sure we have your current email address as all communications with members are carried out via the internet. If you have changed your address, send it to Habibeh Khoshbouei (Secretary/Treasurer) at [habibeh@ufl.edu](mailto:habibeh@ufl.edu).

### Newsletter:

All Society members can send any news, announcements, outstanding achievements, and other contributions for inclusion in the biannual newsletter to Habibeh Khoshbouei (Secretary/Treasurer) at [habibeh@ufl.edu](mailto:habibeh@ufl.edu).

# International Transmembrane Transporter Society



## ITTS Executive Committee



**President**

**Haley Melikian, Ph.D.**  
University of Massachusetts  
Medical School  
Worcester, MA, USA



**Vice-President (North America)**

**Lynette C. Daws, Ph.D.**  
University of Texas Health Science  
Center  
San Antonio, TX, USA



**Vice-President (Europe)**

**Harald H. Sitte, M.D.**  
Medical University of Vienna  
Vienna, Austria



**Secretary/Treasurer**

**Habibeh Khoshbouei, Ph.D.**  
University of Florida  
Gainesville, FL, USA

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Yale University  
New Haven, CT, USA



**Ulrik Gether, M.D.**  
University of Copenhagen  
Copenhagen, Denmark



**Yuichi Sugiyama, Ph.D.**  
Riken Innovation Center  
Yokohama, Kanagawa, Japan



**Lucia Carvelli, Ph.D.**  
University of North Dakota  
Grand Forks, ND, USA



**Bruno Stieger, Ph.D.**  
University Hospital Zurich  
Zurich, Switzerland



**Robert Vandenberg, Ph.D.**  
University of Sydney  
Sydney, Australia



**Susan P.C. Cole, Ph.D.**  
Queen's University Cancer  
Research Institute  
Kingston, Ontario, Canada