



Neuropharmacology

Status of Division Activities:

A. Annual Meeting Programming and Events:

For 2015, the Neuropharmacology Division sponsored 4 Symposia, a post-doctoral competition as well as co-sponsor 13 additional symposia:

2015 Sponsored by the Neuropharmacology Division:

1. Therapeutic effects of alpha-2 adrenoceptor agonists and antagonists in the treatment of major neuropsychiatric disorders: Relative contributions of autoreceptors vs postsynaptic alpha receptors.
Chair: S. Langer
2. Pharmacology of neuronal regeneration and repair
Chairs: J. Marchant, B. Grill
3. Common pathways and mechanisms of chronic pain and opioid addiction
Chair: S. Ingram
4. Elucidating the Molecular Underpinnings of Behavior Using Pharmacological Knock-In Mouse Models
Chair: R. Blakely

2015 co-sponsored by Neuropharmacology:

1. New Therapies for an Old Problem: The NINDS-Sponsored Anticonvulsant Screening Program
Chairs: J. Kehne, K. Wilcox
2. Speed Networking for Careers Beyond the Academic Bench
Chairs: J. Clark, P. McGonigle
3. ASPET Presidential Symposium: Navigating the Future of Biomedical Research
Chair: A. Fleckenstein
4. Emerging Roles of Trace Amine Associated Receptor 1 (TAAR1) in Drug Abuse and Mental Disorders
Chairs: J-X. Li, G. Miller
5. Protein Trafficking and Drug Development
Chair: P. M. Conn
6. Psychomotor Stimulant Addiction: Lessons from Methamphetamine

- Chairs: R. Desai, M. Nader*
7. Novel Therapeutic Targets and Preclinical Models of Post-traumatic Stress Disorder
Chairs: C. Jones, M. Nedelcovych
 8. ASPET Journal Symposium: Reproducibility in the Pharmacological Sciences: Moving the Discussion Forward
Chair: D. Abernethy
 9. Biased GPCR Signaling in Drug Development: From Theory to Physiology
Chairs: S. Rajagapol & A. Christopoulos
 10. "Can We Talk?" Strategies for Collaborative Pharmacology Education
Chairs: A. Gorman, J. Reuben and J. Szarek
 11. Structural and Dynamic Basis of Receptor-ligand Interactions
Chairs: E. Ortlund and S. Traynelis
 12. Structural Basis for Ion Channel Pharmacology
Chair: W. Catterall
 13. Moving Beyond Traditional Stimulants: Emerging Characteristics and Therapeutic Applications of Atypical Reuptake Inhibitors
Chairs: L. Carter, B. Blough

For EB 2016 the three Symposia sponsored by Neuropharmacology Division are listed below .

1. New Twists on Neurotransmitter Transport: Unraveling Novel Therapeutic Targets for Addiction and Psychiatric Disorders

Chairs: L.C. Daws—Univ. of Texas Hlth. Sci. Ctr. at San Antonio H.H. Sitte—Medical Univ. Vienne

2. Cannabinoid Signaling in Pain and Addiction: Translating Preclinical Basic Research to the Clinic

Chairs: D. Morgan—Penn State Univ. Col. of Med. J. Guindon—Texas Tech Univ. Health Sciences Ctr.

3. Central Mechanisms Contributing to Novel Antidepressant Efficacy

Chair: D. Lodge—UT Health Science Ctr., San Antonio Central Mechanisms Contributing to Novel Antidepressant Efficacy.

For EB 2016 the eleven Symposia Co-sponsored by Neuropharmacology Division are listed below.

1. Securing NIH Intramural Fellowships to Enhance Your Pharmacology Training

*Chairs: Janet E. Clark—Nat'l Inst. of Mental Hlth./NIH
A. Reid—Nat'l Inst. of Mental Hlth./NIH*

2. Emerging Roles for the Ubiquitin-Proteasome System in Therapeutics

Chairs: B. Sjogren—Michigan State Univ. H.L. Paulson—Univ. of Michigan Health System

3. Drugs of Abuse and Antiretrovirals: Interactions and Toxicities

Chairs: S. Kumar—Univ. of Missouri-Kansas City K. Jordan-Sciutto—Univ. of Pennsylvania

4. Newly Recognized GPCRs in Health, Disease and as Therapeutic Targets

Chairs: Ross Corriden—Univ. of California, San Diego Paul A. Insel— Univ. of California, San Diego

5. From Ligands to Signaling: Recent Advances in Adhesion GPCR Pharmacology and Biology

Chairs: X. Piao—Boston Children's Hospital R.A. Hall—Rollins Res. Ctr.

6. Hear It from the Editors: Navigating the Course through Journal Submission and Publication

Chairs: M. Vore—Univ. of Kentucky E. Morgan—Emory Univ.

7. Beyond Traditional Assessments of Pain: Implications for Drug Discovery of Novel Pain Therapeutics

Chairs: Carol A. Paronis – McLean Hosp. Harshini Neelakantan – Univ. of Texas Med. Branch Galveston

8. Nicotinic Agonist/Antagonist Drug Development: Implications for Treatment of Neurodegenerative and Addictive Disorders

Chairs: Annette Fleckenstein—Univ. of Utah M. Quik—SRI International

9. Patient-Specific Stem Cells as Models for Gene-Disease, Drug, and Environment Interactions

Chair: J. Richardson—Northeast Ohio Medical Univ.

10. Intracellular GPCR and Lipid Signaling

Chairs: A. Marchese—Loyola Univ. Chicago

11. Keep Calm and Target Peptides: Modulation of Stress-Related Behaviors by Neuropeptide Systems

Chairs: S. Clark—Univ. at Buffalo, SUNY V. Sabino—Boston Univ. Sch. of Med.

2015 Business Meetings and Mixer:

- Neuropharmacology Division Executive Committee Meeting: Monday, March 30, 7:30 AM – 9:30 AM, TBD –Westin Boston Waterfront
- Neuropharmacology Division Business Meeting: Monday, March 30, 5:30 PM – 6:30 PM- Prior to Mixer Westin, Boston Waterfront

- Behavioral Pharmacology and Neuropharmacology Divisions Joint Mixer
Monday March 30, 2014 6:30 pm–8:00 pm Westin Boston Waterfront

B. Division Awards:

The Neuropharmacology Graduate Student Best Abstract Awards and the Neuropharmacology Postdoctoral Scientist Awards were all supported by division funds.

The NEU division will continue to offer incentive travel awards to encourage the submission of abstracts from post-doctoral and graduate student trainees. The division will sponsor a competitive early trainee award. The awards are based upon abstract quality and will be given in the form of a travel award. The members of the Executive Committee will review abstracts. Committee members will select their top 6 abstracts (if they have a COI, they indicated the COI and selected their top 5). The abstracts that are selected by the most committee members will receive the awards. For the post-docs, these recipients will compete in the **oral** presentation competition. There will be **6** pre-doctoral awards given and **6** post-doctoral awards. The award is \$500 and will be received prior to the meeting.

Meeting Competition: At the meeting all students and post-doctoral fellows who submitted an abstract to NEU will be eligible to enter a competition. Presenters will be eligible for an award that will be given based upon poster presentation (graduate students) or speaker presentation (post-doctoral fellows) at the annual meeting. Prizes for both competitions are:

1st place: \$750
2nd place: \$500
3rd place: \$250

First place winners become Executive Committee members

Early Career Investigator Award

An Early Career Investigator Award for 2015 was open to Primary members of the division. Details regarding eligibility and deadlines have been posted on the Neuropharmacology Division website and shared via email. “An early career stage investigator is defined as someone who at the time of nomination is under 40 years of age or, if over 40 has been in an independent position for no more than 5 years. An independent position is considered to be one that is responsible for securing and administering their own budgets for research (traditionally a faculty position, or a team leader in a non-university setting).”

The winner of the 2015 Early Career Award was:

Daniel Lodge, PhD
Assistant Professor,
University of Texas Health Science Center, San Antonio

Dr. Lodge received a

- \$1000 travel award (2015)
- Free meeting registration to Experimental Biology 2015/2016
- Free membership to ASPET in 2016
- An invitation to submit a symposium proposal (with the help of a committee member as a mentor) for the 2016 meeting.

The runners up from the 2015 competition will be given free membership and registration to 2016 meeting using Neuropharmacology Division funds

For the 2016 Award

Nominations will be received in December 2015

C. Nominations for Officers:

Elections will be held for the positions of Chair Elect and Secretary/Treasurer Elect.

Chair Elect

The nominees for were

Anil Kumar, Ph.D.

Chair and Professor,
Division of Pharmacology
University of Missouri-Kansas City School of Pharmacy

John Traynor, Ph.D.

Professor,
Department of Pharmacology
University of Michigan Medical School

Secretary/Treasurer Elect

The nominees for were

Charles D. Nichols, PhD.

Associate Professor
Department of Pharmacology and Experimental Therapeutics
Director, COBRE Imaging Core
LSU Health Sciences Center

Stella Tsika, Ph.D.

Professor,
Pharmacological Sciences
Stony Brook University Hospital

Doo-Sup Choi, Ph.D.

Professor of Pharmacology and Psychiatry
Director of SC Johnson Genomics of Addiction Program
Mayo Clinic College of Medicine

Terms and Charge of the Officers and Members-at-Large

General:

All members of the Executive Committee (including elect and past members) are expected to attend the Executive Committee and Business meetings at the annual meeting of the society. Members of the Executive Committee evaluate and rank symposium proposals, make nominations for new members-at-large for the Neuropharmacology Division, as well as make nominations for positions on the ASPET Executive Committee (e.g. President, Councilor). Members participate in all other activities that involve the Executive Committee.

Chair:

Term: 2 years

Preside over meetings at annual ASPET meeting; Coordinate activities of the other officers; Submit reports to ASPET Office and Council; Solicit requests for symposium proposals; Send reminders regarding student and post-doctoral awards, to membership and coordinate voting and pre-travel awards; Solicit nominations for Chair- and Secretary/Treasurer-Elect.

Chair-elect:

Term: 2 years

Assist Chair.

Past Chair:

Term: 2 years

Guide Chair as needed. The past chair will serve on the ASPET Program Committee or delegate other member of the Neuropharmacology Executive Committee (if unable to attend the meeting. Attendance to the meeting (in person or by proxy) is mandatory.

Secretary/Treasurer:

Term: 2 years

Submit budget requests to ASPET Council; Work with Chair to submit bi-annual reports to ASPET Office and Council; Help the Communication Officer to coordinate information for website and "The Pharmacologist"; Organize annual mixers at ASPET and SfN; Organize best student and postdoctoral presentations at annual meeting. Keep minutes of meetings.

Secretary/Treasurer-elect:

Term: 2 years

Assist Secretary/Treasurer.

Past Secretary/Treasurer:

Term: 2 years

Guide Secretary/Treasurer as needed.

Communication Officer:

Term: TBD

Manages information distribution on the website and to the marketing director of ASPET. Keeps track of member accomplishments for website updates. Prepares draft of the report for The Pharmacologist. Chair will approve submission of these materials; it is recommended that the entire executive committee have the opportunity to contribute.

Members-at-Large:

Term: 4 years

Vote on symposium proposals and any other matters requiring discussion and vote. Provide input to operations of the Division.

Student and Postdoctoral Representatives:

Term: 3 years (including one year as immediate past)

Vote on symposium proposals and any other matters requiring discussion and vote. Provide input to operations of the Division, in particular, ways to increase student and postdoctoral involvement in ASPET.

Membership in the Executive Committee is contingent upon active participation in the committee proceeding including but not limited to voting on abstracts and proposals as well as communicating with the committee on developing Division policies. A consistent failure to communicate with the committee will result in removal of an officer from the committee. All elected officers are expected to attend the annual meeting during their term. Non-elected officers are highly encouraged to attend the annual meeting.

Neuropharmacology Executive Committee

Beverley Greenwood-Van Meerveld, Chair (6/30/2017)

Laura M. Bohn, Past Chair (6/30/2017)

Michael W. Wood, Secretary/Treasurer (6/30/2017)

Lakshmi A. Devi, Past Secretary/Treasurer (6/30/2017)

Eric L. Barker, Member (7/1/2016)

Lynette C. Daws, Member (6/30/2016)

Anil Kumar, Communications Officer (06/30/2017)

Charles D. Nichols, Member (6/30/2016)

Dennis Paul, Member (6/30/2016)

Misty D. Smith, Member (6/30/2016)

Rita J. Valentino, Member (6/30/2017)

Harel Weinstein, Member (6/30/2018)

Loc V. Thang, Student Representative (6/30/2016)

Karen Tonsfeldt, Student Representative (06/30/2017)

Christopher M. Cottingham, Postdoctoral Representative (6/30/2016)

Abigail G. Schindler, Postdoctoral Representative (6/30/2016)
Charles P. France, ASPET Council Liaison (6/30/2016)
Carla Burns, Staff Liaison

D. Non-ASPET meetings supported/sponsored by Division:

The Neuropharmacology Division will host a social at the Society for Neuroscience (SFN) 2015 Annual meeting in Chicago (Sunday October 18th at the Hyatt Regency). The 2014 Social held at the SFN in Washington DC was very well attended by researchers that are not currently active in ASPET and it is anticipated that the 2015 event will be as successful in the recruitment of new members to ASPET and Symposium Proposals (*see flyer below*). The event will be publicized in flyers and at ASPET SFN BOOTH.



The flyer features a header with a molecular structure on the left and the text "Neuropharmacology a division of ASPET" on the right. Below the header, the text reads: "Please Join Us for a Reception at Neuroscience 2015. Be sure to connect with friends and colleagues at the ASPET Division for Neuropharmacology reception." The event details are listed: Date: Sunday, Oct 18; Time: 6:30 PM - 8:30 PM; Location: Hyatt Regency Chicago Downtown; Room: Acapulco Room (Gold Level, West Tower). To the right of the text is a graphic of colorful circles and a small image of wine and cheese. At the bottom, a dark green box contains the text: "Non-ASPET members are welcome to attend to learn about ASPET's Division for Neuropharmacology. Lite fare and beverages will be provided."

Neuropharmacology
a division of ASPET

Please Join Us for a Reception at Neuroscience 2015
Be sure to connect with friends and colleagues at the ASPET Division for Neuropharmacology reception.

Date
Sunday, Oct 18

Time
6:30 PM - 8:30 PM

Location
Hyatt Regency
Chicago Downtown

Room
Acapulco Room
(Gold Level, West Tower)

Non-ASPET members are welcome to attend to learn about ASPET's Division for Neuropharmacology. Lite fare and beverages will be provided.

The Neuropharmacology Division will no longer sponsor outside (i.e., non-ASPET) meetings. A formal mechanism for funding grants for outside meetings is being developed by ASPET council. Neuropharmacology Division funds will be used for travel awards as described above as well as supporting ASPET-sponsored meetings as agreed by the Neuropharmacology Division Executive Committee.

E. Marketing and Communications Efforts:

We have added a link to external conference website announcements to our page. We have also appointed a Communications Officer, Dr. Anil Kumar, who will help to maintain our web page.

F. Executive Committee Communications:

In July 2015 Dr. Greenwood-Van Meerveld became the President of the Neuropharmacology Division of ASPET and since then she has reviewed division activities with Dr. Michael Wood, Secretary/Treasurer via TC on a 2-week basis.

Their future plans are to arrange a regular TC with the Neuropharmacology Division executive committee –

January 2016
April 2016
July 2016
Oct. 2016

G. Upcoming Projects, Events, Ideas and Proposals:

Ideas are being discussed to increase the number applicants for the postdocs travel awards including but not limited to clearly indicate this award on the website, publicizing at the SFN mixer and business meeting

We are also considering announce the winners and explain the selection process on the website.

There will be a call for Neuropharmacology Division Member Highlights!

- quarterly reports in the Pharmacologist
- Neuropharmacology Division ASPET Website Features

H. Other:

Name of persons preparing the report:

Beverley Greenwood-Van Meerveld, Ph.D.
Chair, Neuropharmacology Division

Michael Wood, Ph.D.

Secretary/Treasurer, Neuropharmacology Division

Date of submission:

September, 2015