



# CONFERENCE AGENDA

25<sup>th</sup> Annual Scientific Conference  
April 10-13, 2019

## Wednesday    April 10, 2019

- 9:00 – 12:00 PM    Council Meeting  
12:00 – 5:00 PM    Drug Abuse & NeuroHIV Satellite Symposium (sponsored and organized by NIDA); Speakers: to be announced by NIDA  
2:00 – 8:00 PM    Registration for SNIP Meeting Open

### The 25<sup>th</sup> SNIP Scientific Conference

- 5:00 PM            25th Scientific Conference of SNIP Begins  
5:00 – 7:30 PM    **Opening Night Reception & Early Career (Young) Investigator (ECI) and DISC Awardee Poster Session (1)** (Posters will stay up until Thursday's lunch break)

## Thursday        April 11, 2019

- 7:00 – 8:00 AM    Breakfast  
8:00 – 12:00 PM    Registration for SNIP Scientific Conference Open  
8:00 – 8:10 AM    **Presidential Address:** Johnny He, Ph. D., UNTHSC, Fort Worth, TX  
8:10 – 9:40 AM    **Presidential Symposium (#1): Creativity in Research.**  
Co-Chairs: **Brian Wigdahl**, Ph.D., Drexel Univ. Philadelphia, PA  
**Sanjay B. Maggirwar**, Ph.D., Univ. Rochester, Rochester, NY  
Talk 1) **Sanjay Maggirwar**, Ph.D., Univ. of Rochester Medical Center: "Creativity in Research: Avoiding the kiss of death"  
Talk 2) **Tariq Rana**, Ph.D., UC San Diego: "Epigenetic and Epitranscriptomic Regulation of HIV infection"  
Talk 3) **Brandon K. Harvey**, Ph.D., National Institute on Drug Abuse: "Developing molecular tools: Sometimes your control is the interesting part of the experiment"  
Talk 4) **Mark Rizzo**, Ph.D., Univ. of Maryland School of Medicine: "Taking inspiration from other fields to tackle problems worth FRETting"  
Talk 5) **Carlos A. Paladini**, Ph.D., Univ. of Texas at San Antonio: "Hunting neurons deep in the brain: developing in vivo methods to suit your research questions"  
9:40 – 10:00 AM    Break (posters available for viewing)  
10:00 – 11:00 AM    **Presidential Lecture (Plenary Lecture#1)**  
**Antonello Bonci**, M.D., Sci. Dir. NIDA, Baltimore, MD, Title: TBA  
11:00 – 12:30 PM    **Symposium #2: The Biology of Adenosine.**  
Chair: **Detlev Boison**, Ph.D., Legacy Research Institute, Portland, OR

Talk 1) **Gennady Yegutkin**, Turku University, Finland, “Extracellular adenosine metabolism and cancer.”

Talk 2) **Detlev Boison**, Legacy Research Institute, Portland, OR, “Intracellular adenosine metabolism and epigenetics.”

Talk 3) **George Hasko**, Columbia University, NYC, NY, Adenosine and inflammation.

Talk 4) **Anusha Mishra**, OHSU, Portland, OR, “The purinergic system in astrocyte biology and neurovascular coupling.”

12:30 – 2:00 PM **Meet-the-Mentors-Lunch** / Lunch Break / Poster mounting for Poster Session (2)

12:30 – 2:00 PM Additional Council Meeting (Planning of next meeting)

2:00 – 3:00 PM **Young Investigators Session I; ECITA Pre-Doc Symposium** (5 min Short Talks + 5 min Q & A)

3:00 – 3:30 PM Break (posters available for viewing)

3:30 – 4:30 PM **Young Investigators Session II; ECITA Post-Doc Symposium** (5 min Short Talks + 5 min Q & A)

4:30 – 5:30 PM **NIH Workshop on Grant Writing for Trainees** – Participants - **Roger Sorenson**, Ph.D. (NIDA), **Woody Lin**, M.D., Ph.D. (NIDA), and TBA

5:30 – 8:30 PM **Poster Session (2)**

7:00 – 9:00 pm **JNIP Editorial Board Meeting**

**Friday** **April 12, 2019**

7:00 – 8:00 AM Breakfast

8:00 – 9:30 AM **Symposium #3: Glia, Toxins & Drugs of Abuse** (in collaboration with the Neurotoxicity Society)

Co-Chairs: **Italo Mocchetti**, Ph. D., Georgetown University, Washington, DC  
**TBA**

Talk 1) **Gilles J Guillemin**, Ph.D., Macquarie University, NSW, AUS, “Glia, tryptophan metabolism and neurodegenerative diseases “

Talk 2) **Jean Harry**, Ph.D., NIH/NIEHS, RTP, NC, “Modulatory ability of toxicants to shift regulatory processes of microglia and neuroinflammation “

Talk 3) **Julie K. Andersen**, Ph.D., The Buck Institute, Novato, CA, “Senolytics as novel potential therapeutics for Alzheimer’s and Parkinson’s disease”

Talk 4) **Eliseo Eugenin**, Ph.D., University of Texas Medical Branch, Galveston, TX, “Role of Glial cells in the pathogenesis of NeuroHIV”

9:30 – 10:00 AM Break

10:00 – 11:30AM **Symposium #4: Blood-Brain Barrier Dysregulation Due to Drugs of Abuse and Pathogens**

Co-chairs: **Michael Nonnemacher**, Ph.D., Drexel University, Philadelphia, PA  
**Roger Sorensen**, Ph.D., NIH/NIDA, Bethesda, MD

Talk 1) **Jorge Ivan Alvarez**, Ph.D., UPenn., Philadelphia, PA, “The blood meningeal barrier orchestrates the development of neuroinflammatory responses”

Talk 2) **MaryPeace McRae**, Ph.D., Virginia Commonwealth University, VA, "Opiates and HIV-1 perturb the cellular/regional biodistribution of antiretrovirals in the brain by disrupting the blood-brain barrier and efflux transporter function"  
Talk 3) **Michal Toborek**, Ph.D., University of Miami, Miami, FL, "Pericytes and BBB, substance abuse"

Talk 4) **TBA**

Talk 5) **TBA**

11:30 – 12:30PM **Adarsh Kumar Lecture – (DISC Lecture / Plenary Lecture #2)**

**Susan Amara, Ph.D.**, NIMH, Bethesda, MD, Title: TBA

12:30 PM Lunch

Afternoon Exploration of Portland and surroundings

### Saturday April 13, 2019

7:00 – 8:00 AM Breakfast

8:00 – 10:00 AM **Symposium #5: Addiction, Genetics and Neuroimmune Signaling**

Chair: **Tamara Phillips**, Ph.D., Oregon Health & Science University, Portland, OR

Talk 1) **Jennifer Loftis**, Ph.D., VA Portland Health Care System, OHSU, Portland, OR, "A Potential Neuroimmune-Based Treatment for Methamphetamine Addiction"

Talk 2) **William Hoffman**, M.D., Ph.D., VA Portland Health Care System, OHSU, Portland, OR, "The Relationship Between Interleukin-6 and Functional Connectivity in Methamphetamine Users"

Talk 3) **Kathleen Grant**, Ph.D. Oregon National Primate Research Center, OHSU, OR, TBA

Talk 4) **Robert Hitzemann**, Ph.D. OHSU, Portland, OR, "Genetic Findings from Mouse to Macaque to Man: Neuroimmune Function and Excessive Ethanol Consumption"

Talk 5) **Tamara Phillips**, Ph.D. VA Portland Health Care System, OHSU, Portland, OR, "Trace amine-associated receptor 1 regulation of methamphetamine intake and responses"

10:00 – 10:30 AM Break

10:30 – 11:30 AM **Bill Narayan Lecture (Plenary #4)**

Speaker: TBA

11:30 – 1:00 PM **Symposium #6: Exosomes in Neuronal Infections and Drugs Abuse**

Chair: **Santosh Kumar**, Ph. D., UTHSC, Memphis, TN

Co-chair: **TBA**

Talk 1) **Elena V Batrakova**, Ph.D., UNC, Chapel Hill, NC "Macrophage-derived extracellular vesicles target inflamed brain and deliver therapeutic proteins for treatment of neurodegenerative disorders"

Talk 2) **Servio Ramirez**, PhD, Temple University, Philadelphia, PA, "Extracellular vesicles: Mediators and biomarkers of pathology along CNS barriers"

Talk 3) **Santosh Kumar**, Ph. D., UTHSC, Memphis, TN, “Circulating plasma exosomal cytochrome P450 and antioxidant enzymes and cellular processes”

Talk 4) **Mikin Patel**, Ph.D.cand., Vanderbilt Univ., Nashville, TN, “Role of exosomes in synapse formation”

Talk 5) **TBA**

1:00 – 2:00 PM **SNIP Open Business Meeting**

2:00 – 3:30 PM **Symposium #7: SNIP Member Symposium: Neuropharmacology & Neuroimmunology**

Co- Chairs: **TBD**

Talk 1) - 5) will be selected from submitted abstracts

3:30 – 4:00 PM Break

4:00 – 5:30 PM **Symposium #8: Systemic Mechanisms of Neuroimmune Communication & Glymphatics**

Co-Chair: **Michelle Erickson**, Ph.D., UW, Seattle, WA,

**Kelly Jordan-Sciutto**, Ph.D., UPenn, Philadelphia, PA

Talk 1) **William Banks**, Ph.D., UW, Seattle, WA, “Blood-Brain-Barrier”

Talk 2) **Jeffrey Iliff**, Ph.D., OHSU, Portland, OR, “Glymphatics”

Talk 3) **Yisel Cantres Rosario**, Ph.D., Univ. PR, San Juan, PR, “Macrophage cathepsins as mediators of HAND”

Talk 4) **Michelle Erickson**, Ph.D., UW, Seattle, WA, “Interaction of liver-derived serum amyloid A with the BBB to induce and modulate neuroinflammatory responses in the brain”

5:30 – 7:00 PM Break

7:00 – 10:00 PM **Banquet** (awards, announcement of next conference and adjournment)

**Meeting adjourned.**

**A survey questionnaire will be sent to all registered meeting participants in the weeks following the meeting. Please, take a few moments to participate in the post conference survey in order to help SNIP organizing the best possible future scientific meetings. Thank you!**

