

PROGRAM SCHEDULE

Thursday, August 1, 2019

Morning Sessions

7:45am - 8:20am	<i>Continental Breakfast</i>
8:20am - 8:30am	Introduction : Alexandros Makriyannis (Northeastern) : Rao Rapaka (NIDA) Welcome : Dean Michael Pollastri (Northeastern)
8:30am - 8:35am	<i>Session 1:</i> Presider: Dr. Amy Newman (NIDA/MTMDB)
8:35am - 9:05am	Dr. Frank Porreca (University of Arizona) "Advancing kappa Opioid Antagonists as Novel Pain Therapeutics"
9:05am - 9:35am	Dr. Nurulain Zaveri (Astraea Therapeutics) " Bifunctional Nociceptin/Mu Opioid Receptor Agonists as Next Generation Pain Therapeutics for the Opioid Crisis"
9:35am - 10:05am	Dr. Jane Ballantyne (University of Washington) "The Brain on Opioids"
10:05am - 10:35am	Dr. Lei Shi (NIDA/MTMDB) "Distinct Antagonist-Bound Inactive States Underlie the Divergence in the Structures of the Dopamine D2 and D3 Receptors"
10:35am - 11:00am	<i>Coffee Break</i>
11:00am - 11:05am	<i>Session 2:</i> Presider: Dr. Madhavan Nair (Florida International University)
11:05am - 11:35am	Dr. Klaus Miczek (Tufts University) "Modulation of Corticolimbic Dopamine by Corticotropin Releasing Factor in Stress-Escalated Drug Use"
11:35am - 12:05pm	Dr. Ken Mackie (Indiana University) "THC, GPR119, and Obesity"
12:05pm - 12:25pm	Dr. Jahan P. Marcu (International Research Center on Cannabis and Mental Health) " A Pharmacogenomic Approach to Medical Cannabis"
12:25pm - 12:45pm	Dr. Spyros Nikas (Center for Drug Discovery) "Chiral Endocannabinoid Probes"
12:45pm - 12:55pm	Mr. Lipin Ji (Center for Drug Discovery) "Retro Ester and Amide Endocannabinoid Analogues with High Hydrolytic Stability"

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Afternoon Sessions

12:55pm - 2:00pm	<i>Lunch</i>
2:00pm - 2:10pm	<i>Session 3:</i> CPDA Award Presentation: Provost for Research David Luzzi Presider: Dr. Alexandros Makriyannis
2:10pm - 3:10pm	<i>Keynote Address</i> Dr. Bryan Roth (The University of North Carolina) "VEGAS and ULTRA-L.S.D.: Two New Technologies to Illuminate GPCR Structure and Function"
3:10pm - 3:20pm	Mr. Vishakh Iyer (Indiana University) "Impact of Negative and Positive Allosteric Modulators of CB1 Cannabinoid Receptor Signaling on Opioid-Mediated Reward and Dopamine Efflux"
3:20pm - 3:30pm	Dr. Dai Lu (Texas A&M University) "Recent Development of CB1 Receptor Allosteric Modulators"
3:30pm - 3:50pm	<i>Coffee Break</i>
3:50pm - 3:55pm	<i>Session 4:</i> Presider: Dr. Peter Schiller (Clinical Research Institute of Montreal)
3:55pm - 4:25pm	Dr. Staci Gruber (McLean Hospital) "Don't Worry, Be Happy: Preliminary Data from the First Clinical Trial of a Novel, High Cannabidiol Product Optimized to Treat Anxiety"
4:25pm - 4:45pm	Dr. Aron Lichtman (Virginia Commonwealth University) "Investigation of the Underlying Mechanisms Mediating the Antinociceptive Effects of Fingolimod (FTY720) in a Mouse Model of Nerve Injury Pain"
4:45pm - 5:15pm	Dr. Jane Acri (NIDA/MDTB) "The NIH HEAL (Helping End Addiction Long Term) Initiative and Medication Development Targets at NIDA"

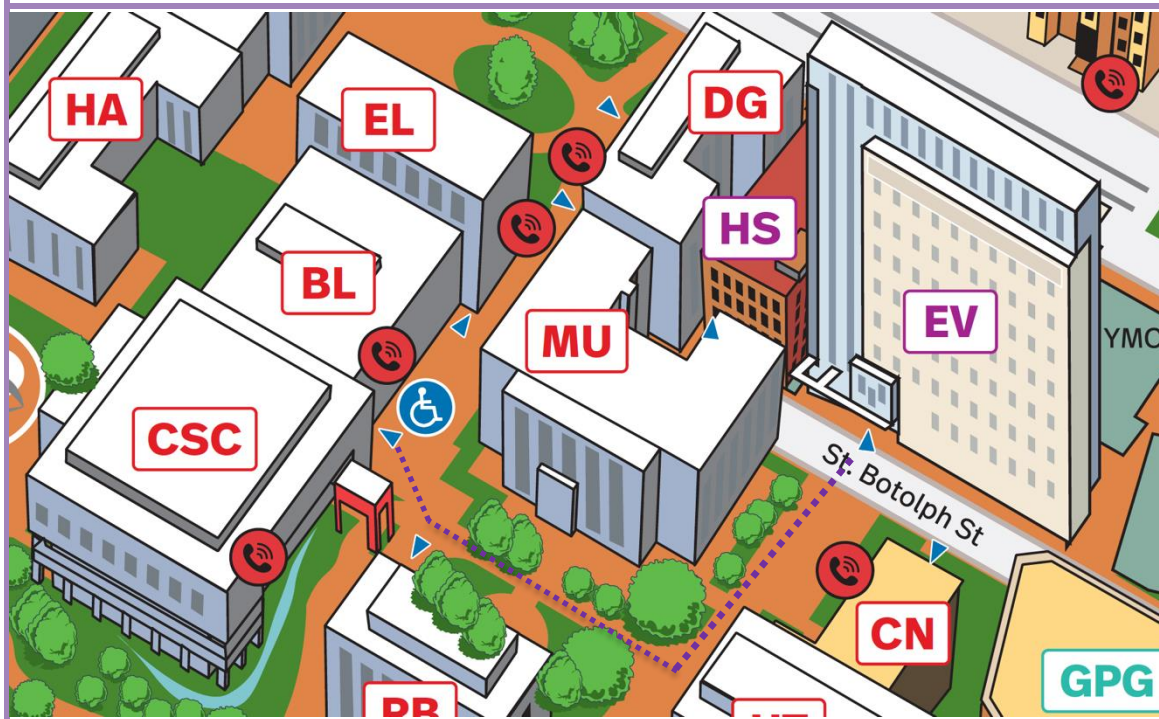
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Thursday, August 1, 2019

Evening Program

6:00pm- 8:00pm	Poster Abstract Showcase and Reception (Curry Student Center)
6:30pm	Special Presentation Dr. Bertha Madras (Harvard Medical School/McLean Hospital) "A Current Perspective on Opioid Addiction"

The Curry Student Center will be open for presenters to set up their posters after 4:00pm. Please have your poster up by 5:45 pm



PROGRAM SCHEDULE

Friday, August 2, 2019

Morning Sessions

7:45am - 8:25am	<i>Continental Breakfast</i>
8:25am - 8:30am	<i>Session 5:</i> Presider: Chris McCurdy (University of Florida)
8:30am - 9:00am	Dr. Chris McCurdy (University of Florida) "Kratom: History and Phytochemistry"
9:00am - 9:30am	Dr. Lance McMahon (University of Florida) "Kratom Alkaloids: Receptor Binding and Behavioral Pharmacology"
9:30am - 10:00am	Dr. Edward Boyer (Harvard Medical School) "Kratom - Use in Natural Environments"
10:00am - 10:10am	Dr. Abhisheak Sharma (University of Florida) "Kratom Alkaloidal Composition: Traditional Malaysian Preparation versus Commercial Products in the United States"
10:10am - 10:35am	<i>Coffee Break</i>
10:35am - 10:40am	<i>Session 6:</i> Presider: Andrea Hohmann (Indiana University)
10:40am - 11:10am	Dr. Mary Abood (Temple University) "Developing a Pharmacological Profile for GPR55 and GPR18"
11:10am - 11:40am	Dr. Nephi Stella (University of Washington) "Targeting the Endocannabinoid-Hydrolyzing Enzyme, ABHD6, for the Treatment of Neurological Diseases"
11:40pm - 12:10pm	Dr. Daniella Salvemini (St. Louis University) "Selective A3AR Agonists as Novel Non-Opioid-Based Therapeutics for Neuropathic Pain"
12:10pm - 12:40pm	Dr. Rajesh Khanna (University of Arizona) "Unlocking Nav1.7's Pain Potential: Preclinical Studies on a First-in-Class, Non-Opioid, Selective Nav1.7 Regulator"
12:40pm - 12:50pm	Dr. Alessandro Bonifazi (NIH/NIDA) "The Significance of Chirality in Drug Design"
12:50pm - 1:00pm	Dr. Lauren Slosky (Duke University) "Neurotensin Receptor 1 Allosteric Modulator Confers β -arrestin Bias and Selectively Attenuates Addiction-associated Behaviors"

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Friday, August 2, 2019

Afternoon Sessions

1:00pm - 2:00pm	<i>Lunch</i>
2:00pm - 2:05pm	<i>Session 7:</i> Presider: Dr. Carol Paronis (McLean Hospital)
2:05pm - 2:25pm	Dr. Venetia Zachariou (Icahn School of Medicine) "Targeting RGS4 for the Treatment for Chronic Pain"
2:25pm - 2:45pm	Dr. Steve Kohut (McLean Hospital) "Serotonergic Influences on Drug-Taking: Insights from Behavioral Pharmacology and Neuroimaging"
2:45pm - 3:05pm	Dr. Raymond Booth (Center for Drug Discovery) "Development of Serotonin Modulators to Treat Substance Use Disorder"
3:05pm - 3:15pm	Dr. Ku-Lung Hsu (University of Virginia) " Targeting Endocannabinoid Biosynthetic Pathways for Inflammation and Pain"
3:15pm - 3:40pm	<i>Coffee Break</i>
3:40pm - 3:45pm	<i>Session 8:</i> Presider: Dr. Spiro Pavlopoulos (Center for Drug Discovery)
3:45pm - 4:15pm	Dr. David Shurtleff (NIH/NCCIH) " Research Priorities and Opportunities at the National Center for Complementary and Integrative Health, NIH "
4:15pm - 4:35pm	Dr. Ganesh Thakur (Northeastern University) "Allosteric Cannabinoid Ligands"
4:35pm - 4:55pm	Dr. Leigh Plant (Northeastern University) " Visualizing Single GPCRs in Live Cells"
4:55pm - 5:05pm	Dr. M. Imad Damaj (Virginia Commonwealth University) " Kappa Opioid Receptors Mediate the Aversive Component of Chemotherapy-Induced Neuropathy in Mice"
5:05pm - 5:15pm	<i>Closing Remarks</i>