INRC 2024 Agenda

Tues, July 9			
3:30 – 5:30 pm	Professional Development: TBA Opening Reception		
6:30 – 9:30 pm			
Wed, July 10			
7:30 – 8:15 am	Breakfast		
8:15 – 8:30 am	Welcome		
8:30 – 9:30 am	Founder's Lecture: Dr. Howard Fields, MD, PhD, Professor Emeritus, UCSF		
	Weill Institute for Neurosciences		
		algesia: A Circuit Analytical Approach	
9:30 – 10:00 am	Break		
10:00 – 11:30 am	 Location-Biased Signaling by Opioid and Related GPCRs Chair: Dr. Sam Ananthan, Chief, Chemistry and Pharmacology Branch, Division of Neuroscience and Behavior, NIDA Speakers: Manojkumar Puthenveedu, PhD, Professor, University of Michigan – Subcellular location defines opioid receptor signaling outcome. Mark Von Zastrow, MD, PhD, Professor, University of California San Francisco – Compartmentalized signaling by opioid and related GPCRs. Karen O'Malley, PhD, Professor, Washington University School of Medicine - GPCR signaling from within the cell 		
11:30 am – 12:00 pm	Data Blitz		
12:00 – 2:00 pm	Lunch on own & Networking		
12:00 – 2:00 pm	Lunch on own & Networking	ent Sessions	
•	Lunch on own & Networking Concurre	ent Sessions Of Mice and Men: The Role of	
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12:00 – 2:00 pm	Lunch on own & Networking Concurre Chemistry and Pharmacology of Novel Opioid Modulators Chair: Susruta Majumdar, Professor of	Of Mice and Men: The Role of Opioids (Endogenous and Exogenous) on Affect and Reward	
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4:00 – 6:30 pm	Susruta Majumdar, Professor of Anesthesiology, Washington University School of Medicine. Structure based design of delta opioid agonist analgesics targeting the sodium site signaling by opioid and related GPCRs. Poster Session	<i>Marie Eikemo,</i> PhD, University of Oslo. Stress-enhanced opioid self-administration in healthy men: A randomized controlled experimental medicine study	
Thurs, July 11			
7:30 – 8:30 am	Breakfast		
8:30 – 9:30 am	Plenary Lecture: Dr. Javier González- of Physiology and Biophysics, Virgini of Medicine Title: Molecular insights into psycheo use disorder		
9:30 – 10:00 am	Break		
10:00 – 11:30 am	Circuit, Synaptic, and Molecular Mechanisms underlying Opioid Control of Pain Chair: Elyssa Margolis, Professor in Residence, Endowed Chair in Genetics of Addiction in Neurology, Department of Neurology, Weill Institute for Neurosciences, UCSF Speakers: Xiaoke Chen, Associate Professor, Stanford Mary Heinricher, Professor, OHSU School of Medicine Elyssa Margolis, Professor in Residence, Endowed Chair, USCF Susan Ingram, Professor, Colorado University Anschutz		
11:30 am – 12:00 pm	Data Blitz		
12:00 – 2:00 pm	Lunch on own & Networking		
2:00 – 4:00 pm	Concurre	nt Sessions	
	Opioid Mechanisms in Breathing Chair: Erica Levitt, Assoc Prof, Univ of Michigan; Elyssa Margolis, Professor in Residence, Endowed Chair, UCSF; Matthew O'Meara, Professor, Univ of Michigan Speakers: Gaspard Montandon, Assistant Professor, University of Toronto Brian Ruyle, Postdoctoral Fellow, WashU Ryan Phillips, Postdoctoral Associate, University of Pittsburgh Jay McLaughlin, Professor, University of Florida Renata Marchette, Research Fellow, NIDA	Neuroimmune Modulation of Opioids Chair: Saadet Inan, MD, PhD, senior scientist, Temple University Speakers: Mark Ryan Oppenheimer, Graduate Student, University of Miami. Gut Brain Axis in Opioid Use Disorder Randall L Davis, Professor, Oklahoma State University Center for Health Sciences. Modulation of neuroinflammatory signaling by the mu-opioid receptor antagonist, β-funaltrexamine Saadet Inan, Senior scientist, Temple University. Targeting IL-17A for chronic oxycodone-induced adverse effects.	

	Nadia Said, Post-doctoral fellow. NIDA,	
	NIH.A putative role of the neuroimmune	
	system in heroin withdrawal	
4:00 – 6:30 pm	Poster Session	
Fri, July 12		
7:30 – 8:30 am	Breakfast	
8:30 – 9:30 am	Young Investigator Awardee: Dr. Lucía Hipólito-Cubedo, Ph.D., Facultat de	
	Farmàcia, Universitat de València	
	Title: Alcohol, Opioids, and Pain: A Fascinating Journey from Bench to	
	Novel Pharmaceutical Formulation Design	
9:30 – 10:00 am	Break	
10:00 – 11:30 am	New Functions of Delta Opioid Receptors in Pain and Reward Circuits	
	Chair: Emily Jutkiewicz, Assoc Professor, University of Michigan; Marie Walicki,	
	graduate student, University of Michigan	
	Speakers:	
	Louis Gendron, Chair & Professor, Université de Sherbrooke	
	William Birdsong, Assistant Professor, University of Michigan	
	Amynah Pradhan, Professor & Director, Washington Univ St. Louis,	
	Lucy Hoying, Undergraduate, University of Michigan	
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