Neuroscience 2013

SHORT COURSE #1

Chemo and Optogenetics: Light and Chemical Control of Neurons

Organized by: Luis de Lecea, PhD
Friday, November 8
8 a.m. – 6 p.m.
Location: The San Diego Convention Center
Room: TBD
San Diego

TIME	AGENDA TOPICS	SPEAKER
7:30 – 8 a.m.	CHECK-IN	
8 – 8:10 a.m.	Opening Remarks	Luis de Lecea, PhD *Stanford University*
8:10 – 8:55 a.m.	Optogenetics: tools and applications	Karl Deisseroth, MD PhD *Stanford University*
8:55 – 9:40 a.m.	Chemical actuators of neuronal actvity	Bryan Roth, PhD *University of North Carolina*
9:40 – 9:55 a.m.	MORNING BREAK	
9:55 – 10:40 a.m.	ITBD	Ilana Witten, PhD *Princeton University*
10:40 – 11:25 a.m.	Deconstruction of brain reward circuits	Garret Stuber, PhD *University of North Carolina*
11:25 a.m. – 12:10 p.m.	Speaker Title	Susan Dymecki, PhD *Harvard Medical School*
12:10 – 1:10 p.m.	LUNCH: ROOMS TBD	
1:10 – 1:55 p.m.	Wireless optogenetics	Michael Bruchas, PhD *Washington University St Louis*
1:55 – 2:40 p.m.	Genetically encoded biosensors of neuronal activity	Thomas Knopfel *Imperial College London*
2:40 – 3:40 p.m.	SUMMARY, DISCUSSION, BREAKOUT GUIDE	
3:40 – 4 p.m.	AFTERNOON BREAK	

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AFTERNOON BREAKOUT SESSIONS
Participants select one discussion group at 4 p.m. and one at 5 p.m.

TIME	THEME	ROOM
4 – 5 p.m.	BREAKOUT SESSIONS	
	GROUP 1 – Title TBD Speaker Name, Degree(s) Speaker Name, Degree(s) Speaker Name, Degree(s)	TBD
	GROUP 2 – Title TBD Speaker Name, Degree(s) Speaker Name, Degree(s) Speaker Name, Degree(s)	TBD
	GROUP 3 – Title TBD Speaker Name, Degree(s) Speaker Name, Degree(s) Speaker Name, Degree(s)	TBD
5 – 6 p.m.	REPEAT SESSIONS ABOVE. SELECT A SECOND DISCUSSION GROUP.	

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