

UCSF NORC SYMPOISUM Monday May 23, 2022

"Primary cilia in Behavior and Metabolism"

9:00 am - 9:55 am	Arrival + Breakfast	
9:55 am – 10:00 am	Introduction/Housekeeping	
10:00 am – 11:00 am	Session 1:	
Chair: Max Nachury	Stephanie Redmond (Alvarez Bulla)	"Brain Ependymal Cell Diversity: A Tale of
		Two Cilia"
	Suifang Mao (He)	"Hybrid Cilia in Choroid Plexus Gate
		Cerebrospinal Fluid In and Out"
	Rasmi Cheloor Kovilakam (Huang)	"Single objective Light sheet Microscopy for
		live cell imaging and single particle tracking"
	Rita Fagan (Von Zastrow)	"Evidence for conditional targeting of opioid
		receptors to primary cilia"
11:00 am - 11:30 am	Coffee Break	
11:30 am - 12:30 pm	Session 2	
Chair: Jeremy Reiter	Ryan Hart (Huising)	"The Cilia Specific SSTR3 Shapes
		Somatostatin Paracrine Interactions Within
		the Pancreatic Islet of Langerhans"
	Kathryn Brewer (Berbari)	"Can physiological conditions alter cilia GPCR
		localization in the brain?"
	Tiffany Terry (Caspary)	"The critical role of ciliary ARL13B in obesity"
	Chia-Hsiang Chang (Nachury)	"A novel strategy to capture the ciliary
		proteome in the central nervous system"
12:30 pm - 2:30 pm	Lunch + Activities	
2:30 pm - 3:30 pm	Session 3	
Chair: Markus Delling	Annie Yue (Vaisse)	"Melanocortin 4 receptor localization at the
		primary cilium is necessary and dynamic"
	Irene Ojeda Naharros (Nachury)	"Investigating the role of primary cilia in
		MC4R activity"
	Francois Mifsud (Vaisse)	"Does MC4R activation at the primary cilium
		trigger a transcriptional pathway in
		hypothalamic neurons to maintain energy
		homeostasis?"
	Gabriela Canales (Reiter)	"Bardet Biedl Syndrome Alters the Ciliary
		Localization of Appetite Signaling Proteins in
		the Paraventricular Nucleus"
3:30 pm – 4:00 pm	Coffee Break	

4:00 pm – 5:00 pm	Session 4	
Chair: Christian Vaisse	Aaron Marley (von Zastrow)	"Agonist Dependent Cullin Ring Ligase
		Recruitment to Primary Cilium"
	Nadine Mundt (Delling)	"Is Calcium everything? A tool to manipulate
		ciliary Calcium levels"
	Gabriel Loeb (Reiter)	"GLIS3 is a candidate mediator of ciliary
		polycystin signaling"
	Kotdaji Ha (Delling)	"The cilia enriched oxysterol 7β,27-DHC is
		required polycystin activation"
5:00 pm – 7:00 pm	Reception + Activities	