

The FamilieSCN2A Foundation
2024 Research Roundtable
 Anaheim, California

Wednesday, July 31, 2024
 Sheraton Park Hotel at the Anaheim Resort
 Park Ballroom
 1855 South Harbor Boulevard
 Anaheim, CA 92802, US



Start	End	Topic Theme	Description	Presenter	
7:30 AM	8:00 AM	Breakfast			
8:00 AM	8:30 AM	State-of-the-Union		Shawn M Egan, PhD	FamilieSCN2A Foundation
Research					
8:30 AM	8:40 AM	Funding at Work: <i>Action Potential</i>	Systems-level Mechanisms of Cognitive Impairment in Scn2a Loss of Function	Michael Coulter, MD, PhD	UCSF
8:40 AM	8:50 AM	Funding at Work: <i>Action Potential</i>	CAV-2 Vector-based SCN2A Gene Delivery in Scn2a-deficient Mice	Ye-Eun Yoo, PhD	Purdue University
8:50 AM	9:00 AM	Funding at Work: <i>Action Potential</i>	Utilizing Computational Models to Simulate the Effects of SCN2A Variants on Neuronal Excitability and Testing Potential Therapeutics	Roy Ben-Shalom, PhD, MS	UC Davis
9:00 AM	9:20 AM	Funding at Work: <i>Hodgkin-Huxley</i>	Advancing Preclinical Disease Modeling and Gene Correction Therapy for SCN2A Splice-Site Genetic Variant	Yang Yang, PhD	Purdue University
9:20 AM	9:30 AM	Funding at Work: <i>Panel Q/A</i>			
9:30 AM	10:00 AM	Innovative Ideas: <i>Presentation</i>	Channel Scaffolding and its Contribution to SCN2A Disorders	Paul Jenkins, PhD	University of Michigan
10:00 AM	10:15 AM	Break			
10:15 AM	11:15 AM	Workshop	Gaps in Academic Research		
11:15 AM	12:15 PM	Poster Session			
12:15 PM	1:15 PM	Lunch			
Clinical Care					
1:15 PM	1:45 PM	Innovative Ideas: <i>Presentation</i>	Clinical Picture Maker: Video Insights In Real Time	Louise Tiranoff, PhD	Tiranoff Productions LLC/GeneticaLens
1:45 PM	2:45 PM	Panel Discussion	Bridging Care Gaps for SCN2A Patients: Strengthening Community Support and Infrastructure	Heather Olson, MD	Boston Children's Hospital
				Gretchen Von Allmen, MD Olivia Kim-McManus, MD Dennis Lal, PhD Catherine Lord, PhD Keith A. Coffman, MD	UTH Houston, UT Physicians Rady Children's Hospital UTH Houston Semel Institute for Neuroscience Mayo Clinic
2:45 PM	3:00 PM	Break			
Drug Development					
3:00 PM	3:30 PM	Vignette	Reverse Engineering a Drug Label		
3:30 PM	4:15 PM	Panel Discussion	Eye Towards the Label - Variant Characterization	Roy Ben-Shalom, PhD, MS Alfred L. George, Jr., MD Dennis Lal, PhD Kevin J. Bender, PhD Paul Jenkins, PhD	UC Davis Northwestern University UTH Houston UCSF U Michigan
4:15 PM	4:45 PM	Innovative Ideas: <i>Presentation</i>	Are There Opportunities for Innovation in SCN2A Trial Design?	Jennifer Panagoulas, RAC	CureAngelman
4:45 PM	5:30 PM	Panel Discussion	Barriers to Drug Development - Perspectives from Industry		Neurocrine Biosciences
				Navneet Matharu, PhD Suyash Prasad, MBBS, M.Sc., MRCP, MRCPCH, FFPM	Longboard Pharmaceuticals Regel Therapeutics Flux Therapeutics
				Paul Kaplan, PhD	Tevard Biosciences Inc
5:30 PM	7:00 PM	Reception	Appetizers and Refreshments Served		

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