

**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
<b>Research</b>				
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		
<b>Clinical Care</b>				
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
		<b>Moderator:</b> Gretchen Von Allmen, MD	UTH Houston, UT Physicians	Olivia Kim-McManus, MD Rady Children's Hospital Dennis Lal, PhD UTH Houston Catherine Lord, PhD Semel Institute for Neuroscience Keith A. Coffman, MD Mayo Clinic
2:45 PM	3:00 PM	Break		
<b>Drug Development</b>				
3:00 PM	3:30 PM	Vignette	Reverse Engineering a Drug Label	Julie Baker, MBA Longboard Pharmaceuticals
3:30 PM	4:15 PM	Panel Discussion	Eye Towards the Label - Variant Characterization	Roy Ben-Shalom, PhD, MS UC Davis Alfred L. George, Jr., MD Northwestern University Dennis Lal, PhD UTH Houston Kevin J. Bender, PhD UCSF Paul Jenkins, PhD U Michigan
		<b>Moderator:</b> Stephen F Traynelis, PhD	Emory University	
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	Fiona Scott, PhD Neurocrine Biosciences
		<b>Moderator:</b> Yael Weiss, MD, PhD	Mahzi Therapeutics	Longboard Pharmaceuticals Regel Therapeutics Suyash Prasad, MBBS, M.Sc., Flux Therapeutics MRCP, MRCPCH, FFPM
				Paul Kaplan, PhD Tevard Biosciences Inc
5:30 PM	7:00 PM	Reception	Appetizers and Refreshments Served	

**Special Thank you to our Sponsors!**

Without your support this event would not be possible

**CZI**

**Longboard Pharmaceuticals**

**Jazz Pharmaceuticals**

**Neurocrine Biosciences**

**Simon's Foundation**

**The John and Emily Park Family Foundation**