

DAY 1.	Wednesday, 11th September, 2024
08.00	Registration - Tea/Coffee
09.00	Welcome Remarks - Fredrik Elinder - Linköping University
Session 1	Chair - Fredrik Elinder - Linköping University
09.10	Thomas Jepps - Copenhagen University Microtubule trafficking of Kv7 channels
09.35	Kirstine Calloe - Rigshospitalet, Copenhagen The multifocal ectopic Purkinje-related premature contraction (MEPPC) syndrome and the G213D Nav1.5 variant
10.00	Erik Lindahl - Stockholm University Structure and neurosteroid modulation of GABA
10.25	Tea/Coffee, Exhibits and Posters
Session 2	Chair - Damian Bell - Sophion Bioscience
10.55	Ralf Hausmann - Aachen University Papaverine induced ventricular fibrillation related to genetic variants of the cardiac sodium channel Nav1.5
11.20	Peter Larsson - Linköping University Developing activators of cardiac ion channels to prevent arrhythmia
11.45	William Brackenbury - University of York Blocking channels to metastasis: targeting Nav1.5 in breast cancer
12.10	Lunch, Exhibits and Posters
Session 3	Chair - Josefine Sandström - SciLifeLab Linköping
13.30	Introduction to ScilifeLab Fredrik Elinder
13.45	CBCS Electrophysiology node at Linköping University Nina Ottosson
14.10	CBCS User Presentation – Henrik Gréen Characterization of novel benzodiazepines using automated patch clamp recordings
14.35	Short break

Session 4		Young Investigators (selected from poster abstracts)
14.50	xxx	
	xxx	
15.05	xxx	
	xxx	
15.20	xxx	
	xxx	
15.35	xxx	
	xxx	
15.50	Tea/Coffee, Exhibits and Posters	
Session 5		Chair - Nina Ottosson - Linköping University
16.30	TBC - Sophion Bioscience	
	TBC	
16.55	Peter McNaughton - King's College London	
	The role of HCN2 ion channels in tinnitus and opioid addiction	
17.20	Anna Moroni - University of Milan	
	Isolation and functional validation of ion-channel subtype specific nanobodies	
17.45	Wrap Up	
19.30	Dinner at Stångs Magasin	

Day 2. Thursday, 12th September, 2024	
08.00	Registration - Tea/Coffee
08.25	Welcome Remarks
Session 6	
Chair - Sara Liin - Linköping University	
08.30	Antonios Pantazis - Linköping University
	Electrical and G-protein regulation of presynaptic calcium channels
08.55	Bo Bentzen - Copenhagen University

	TBC
09.20	Marta Campiglio - Innsbruck University
	Dissecting the functions of multiple STAC3 interactions in skeletal muscle excitation-contraction coupling
09.45	Michael Pusch - Institute of Biophysics, CNR, Genoa
	Endolysosomal chloride / proton antiporters in human diseases – a biophysical perspective
10.10	Tea/Coffee, Exhibits and Posters
Session 7	Chair - Antonios Pantazis - Linköping University
10.45	Sara Liin - Linköping University
	Studying drug selectivity mechanisms in Kv7 channels
11.10	Timothy Lynagh University of Bergen
	Starfish still get excited about GABA, but vertebrates are too desensitized
11.35	Thomas Voets - KU Leuven
	TRPM3 – a new target for the treatment of neurological disorders
12.00	Alicia Lundby - Copenhagen University
	Identifying protein targets to mitigate pathological remodeling in hearts by proteomics investigations
12.25	Wrap Up
12.30	Lunch