

Nanion User Meeting 2026 Agenda

Dates: October 20-21, 2026

Venue: Ganghoferstraße 66b, 80339 München

Tuesday, October 20

09:45 - 12:00 h CEST

User instrument Workshops (Registration required)

11:45 - 13:00 h CEST

Registration & welcome bites

13:00 - 13:15 h CEST

Niels Fertig (Nanion Technologies)

Welcome words

13:15 - 13:35 h CEST

David Colameo (University of Zurich)

Functional phenotyping of ALS variants using iPSC-derived motor neurons and high-throughput electrophysiology

13:35 - 13:55 h CEST

Nurcan Inci Kavum (University of Liège)

Pharmacology of hNa_v1.4 variants using automated and manual patch clamp

13:55 - 14:10 h CEST

Michael George (Nanion Technologies)

From automation to interaction: Rethinking patch clamp workflows

14:10 - 14:20 h CEST

Poster flash talks (x2, 3 min each)

14:20 - 14:35 h CEST

Short break

14:35 - 15:20 h CEST

Instrument demos - Rotation 1

15:20 - 16:05 h CEST

Instrument demos - Rotation 2

16:05 - 16:20 h CEST

Short break

16:20 - 16:40 h CEST

Jan Behrends (University of Freiburg)

A different game with the same toy: trapping as opposed to translocation in single molecule discrimination with biological nanopores

16:40 - 17:00 h CEST

Claudia Steinem (University of Göttingen)

One is easy, many are hard: The challenge of multi-channel ion trace analysis

17:00 - 17:20 h CEST

Ben Bruce (University of St Andrews)

Using the Orbit mini to study mechanisms of doxorubicin-induced cardiotoxicity

17:20 - 17:30 h CEST

Poster flash talks (x2, 3 min each)

17:30 - 18:45 h CEST

Posters & networking

19:00 - 23:00 h CEST

Dinner hosted by Nanion Technologies

Wednesday, October 21

08:30 - 09:00 h CEST

Coffee & tea

09:00 - 09:20 h CEST

Yuanzhao (Nick) Cao (The University of Queensland)

Glycaemic variability drives cardiomyocyte dysfunction and susceptibility to ischaemic injury in diabetes

09:20 - 09:40 h CEST

Chai-Ann Ng (Victor Chang Research Institute)

Heart of discovery: Scaling variant interpretation with automated patch clamp

09:40 - 10:00 h CEST

Marta Lemme (Nanion Technologies)

FLEXcyte 96 for next-generation cardiac models: From primates to 3D

10:00 - 10:20 h CEST

Isabelle Deschênes (The Ohio State University)

Location, location, location: β -Adrenergic control of Na_v1.5

10:20 - 10:40 h CEST

Olivier Gires (Ludwig Maximilian University of Munich)

Understanding local invasion in carcinomas

10:40 - 11:10 h CEST

Coffee break

11:10 - 11:30 h CEST

Adam Hyman (GSK)

Utilising SURFER to discover tools for SLC transporter early drug discovery

11:30 - 11:50 h CEST

Lukas Schulz (University of Würzburg)

Forgotten plant growth regulators: TIBA, morphactins and PIN-mediated auxin transport

11:50 - 12:10 h CEST

Maria Barthmes (Nanion Technologies)

A voyage through the cell: The history of SSME in organellar transport

12:10 - 13:15 h CEST

Lunch

13:15 - 13:35 h CEST

Ute Hellmich (Friedrich Schiller University Jena)

Lipid regulation of TRP channels: More than meets the eye

13:35 - 13:55 h CEST

Bastien Masson (Oria Bioscience)

From LYSO-Prep™ to MITO-Prep™: native & ready-to-use organelles for pharmacology

13:55 - 14:05 h CEST

Manuel Paina (Axxam)

Game changers: From tradition to innovation

14:05 - 14:15 h CEST

Alessandro Cerchiara (University of Bari)

Integrating virtual screening and automated patch clamp for tackling KCNA1- and KCNA2-related neurological disorders

14:15 - 14:35 h CEST

Giovanni Mann (King's College London)

Roadblock for clinical translation: importance of physiological O₂ for screening of therapeutics in live cell models *in vitro*

14:35 - 14:45 h CEST

Elena Dragicevic (Nanion Technologies)

Closing words