

# SCIENTIFIC PROGRAM of the 4<sup>th</sup> EUROPEAN Ca<sup>2+</sup> CHANNEL CONFERENCE 2022

Preliminary (Feb 2, 2022)

## TUESDAY, MAY 24

- 16:00 CavX Workshop *Science Communication* for junior researchers  
20:00 WELCOME (OBERMAIR/FLOCKERZI/GUDERMANN)  
20:15 Opening Plenary Lecture CHAIR: F. HOFMANN (TU Munich)  
Steven O. MARX (Columbia University)  
21:15 WELCOME PARTY

## WEDNESDAY, MAY 25

### Ca<sup>2+</sup> channels as new therapeutic targets

- 8:20 CHAIR/Perspective: J. STRIESSNIG (Univ. of Innsbruck)  
8:25 Ivy DICK (Univ. of Maryland)  
8:50 Kathy STEECE-COLLIER (Michigan State Univ.)  
9:15 Short talk (selected from abstracts)  
9:30 Short talk (selected from abstracts)  
9:45 Short talk (selected from abstracts)

### 10:00 COFFEE BREAK

### Calcium channel regulation

- 10:30 CHAIR/Perspective: Gerald ZAMPONI (Univ. of Calgary)  
10:40 Nathan DASCAL (Tel Aviv University)  
11:05 Manu BEN JOHNY (Columbia University)  
11:30 Short talk (selected from abstracts)  
11:45 Short talk (selected from abstracts)

### 12:00 SHORT BREAK

- 12:15 RESEARCH FLASHES A: 6 flashes (3 min + 1 min)  
CHAIR: Jutta ENGEL (Saarland Univ.)

### 12:45 LUNCH

### 15:00 POSTER SESSION A & COFFEE

### Ion channels in networks of excitable cells

- 16:50 CHAIR/Perspective: Tina PANGRSIC (Univ. Göttingen)  
17:00 Talk (selected from abstracts)  
17:25 Short talk (selected from abstracts)  
17:40 Short talk (selected from abstracts)

### 18:00 DINNER

### Special topic: Ion channel structure

- CHAIR/Perspective: B. FLUCHER (Med. Univ. Innsbruck)  
19:45 Nieng YAN (Princeton University)  
20:15 William CATTERALL (Univ. of Washington)  
20:45 Thomas JENTSCH (MDC Berlin)

### 21:15 BEER & CHIPS @ POSTERS

## THURSDAY, MAY 26

### Ion channels in disease 1

- 08:20 CHAIR/Perspective: Tuck-Wah SOONG (Nat. Univ. Singapore)  
08:30 Talk (selected from abstracts)  
08:55 Anjali RAJADHYAKSHA (Weill Cornell Medicine)  
09:20 Talk (selected from abstracts)  
09:45 Bernd FLEISCHMANN (Univ. of Bonn)

### 10:10 COFFEE BREAK

### TRP channels 1

- 11:00 CHAIR/Perspectives: TBA  
11:10 Klaus GROSCHNER (Med. Univ. Graz)  
11:35 Shmuel MUALLEM (NIH)  
12:00 Short talk (selected from abstracts)

### 12:15 SHORT BREAK

- 12:30 RESEARCH FLASHES B: 6 flashes (3 min + 1 min)  
CHAIR: Norbert WEISS (Charles Univ. Prague)

### 13:00 LUNCH

### 14:00 POSTER SESSION B & COFFEE

### Two pore channels

- 16:00 CHAIR/Perspectives: TBA  
16:10 Talk (selected from abstracts)  
16:35 Michael ZHU (Univ. of Texas)  
17:00 Andreas GUSE (UKE Hamburg)  
17:25 Short talk (selected from abstracts)

### 17:40 DINNER

### Ion channel structure: implications for function, pharmacology, and disease

- 19:30 CHAIR/Perspective: Emilio CARBONE (Univ. of Torino)  
19:40 Ricardo OLCESE (UCLA)  
20:05 Erik HERNANDEZ-OCHOA (Univ. of Maryland)  
20:30 Filip VAN PETEGEM (Univ. of British Columbia)  
20:55 Anant PAREKH (Univ. of Oxford)

### 21:20 BEER & CHIPS @ POSTERS

## FRIDAY, MAY 27

### TRP channels 2

- 08:20 CHAIR/Perspectives: TBA  
08:30 Talk (selected from abstracts)  
08:55 Indu AMBUDKAR (NIH)  
09:20 Andrea FLEIG (University of Hawaii)  
09:45 Short talk (selected from abstracts)

### 10:00 COFFEE BREAK

### Special workshop: Ion channel Imaging

- 10:30 CHAIR/Perspectives: Martin HEINE (Univ. of Mainz)  
10:40 Tobias MOSER (Univ. of Göttingen)  
11:05 Klaus BENNDORF (Univ. of Jena)

### 11:30 SHORT BREAK

### Ion channels in disease 2

- 11:40 Chair/Perspectives: Johannes HELL (UC Davis)  
11:50 Talk (selected from abstracts)  
12:15 Philippe LORY (CNRS Montpellier)  
12:40 Amy LEE (Univ. of Texas-Austin)

### 13:05 LUNCH (Packed lunch)

### AFTERNOON ACTIVITIES (Individual dinner)

- 18:00 CavX Workshop *Bringing life science ideas into the realm of bioentrepreneurship* for junior researchers

## SATURDAY, MAY 28

### Physiological roles of calcium channels 1

- 08:20 CHAIR/Perspectives: TBA  
08:30 Talk (selected from abstracts)  
08:55 Annette DOLPHIN (UCL)  
09:20 Samuel M. YOUNG (Univ. of Iowa)  
09:45 TBA

### 10:10 COFFEE BREAK

### Calcium regulation

- 10:45 CHAIR/Perspectives: Mark DELL'ACQUA (Univ. of Colorado)  
10:55 Bernd FAKLER (Univ. of Freiburg)  
11:20 Short talk (selected from abstracts)  
11:35 Short talk (selected from abstracts)  
11:50 Short talk (selected from abstracts)

### 12:05 SHORT BREAK

- 12:15 RESEARCH FLASHES C: 6 flashes (3 min + 1 min)  
CHAIR: TBA

### 12:45 LUNCH

### 14:00 POSTER SESSION C & COFFEE

### Physiological roles of calcium channels 2

- 16:00 CHAIR/Perspectives: TBA  
16:10 David BEECH (Univ. of Leeds)  
16:35 Rajesh KHANNA (Univ. of Arizona)  
17:00 Matteo MANGONI (Univ. of Montpellier)  
17:25 Short talk (selected from abstracts)

### 17:40 DINNER

- 20:00 Closing Plenary lecture CHAIR: Thomas GUDERMANN  
Thomas VOETS (KU Leuven)

TRPM3 – from the sensory nerve endings to the brain

- 21:00 Closing remarks (OBERMAIR/FLOCKERZI/GUDERMANN)

### GOODBYE PARTY