

PRELIMINARY PROGRAM

Sunday, September 8th 2024

16:00 – 19:00 Welcome of the meeting attendees

19:00 *Welcome drink and Dinner*

21:00 plenary lecture:

Annette Dolphin (London, UK)

“Drugs and trafficking: lessons from calcium channels”

Monday, September 9th 2024

08:15 Opening session and 1-minute oral presentation for sponsors

08:30 Symposium 1: Techniques for studying ion channels and their environment

Organized by Jérôme Thireau (Montpellier, France)

Laetitia Mony (France)

“Combined approaches to reveal surprising role of ionic channels in the brain”

Scott Hansen (USA)

“Techniques to study membrane mediated mechanisms of disease. Role of lipids”

Lucie Bergdoll (France)

“How to explore mitochondrial ion channel?”

Selected speaker

10:40 Oral communication session 1

Organized by Cécile Hilaire (Montpellier, France)

11:40 1-minute oral presentation for posters (even numbers)

12:30 Lunch

14:00 Poster session 1 (even numbers)

16:00 Symposium 2: “Ion channels and cancer”

Organized by Loïc Lemonnier (Lille, France)

Sébastien Roger (France)

“Role of P2X4 receptor in aggressive properties of mammary cancer cells: invasiveness, autophagy and release of extracellular vesicles”

Barbara Ehrlich (USA)

“Title to be announced”

Rainer Schindl (Austria)

“Structural analysis of patho-physiological STIM1 mutants”

Selected speaker

17:45 - 18:45 Oral communication session 2

Organized by Alban Girault (Amiens, France)

18:45 - 19:15 Sponsors presentations

19:30 Apéritif dinatoire Sétois

Tuesday, September 10th 2024

08:30 Symposium 3: “Channelopathies at preclinical - modeling channelopathies”

Organized by Adèle Faucherre (Montpellier, France)

Dominique Glauser (Switzerland)

“Exploring channelopathies in *C. elegans*”

Carol Ann Remme (the Netherlands)

“SCN5A channelopathies: arrhythmia, cardiomyopathy, and beyond the cardiomyocyte”

Nadine Ortner (Austria)

“Cav1.3 variants: from molecular mechanisms to therapeutic approaches”

Selected speaker

10:30 - 11: 00 1-minute oral presentation for posters (odd numbers)

11:00 - 12:30 Poster Session 2 (odd numbers)

12:30 Lunch

13:30 Appointment for Social event

17:15 Symposium 4: “Channelopathies at molecular - from structure to pharmacology”

Organized by Philippe Lory (Montpellier, France)

Barbara Ribeiro (France)

“Automated electrophysiological analyses of HERG variants”

Henry Colecraft (USA)

“Targeted deubiquitination in channelopathies”

JF Desaphy (Italia)

“Drug repurposing in channelopathies”

Selected speaker

19:00 Annual meeting of the Association

20:00 Dinner

22:00 Evening Conference and Party

Jean-Yves Leguennec (France): “Bloody numbers”

Wednesday, September 11th 2024

09:30 Symposium 5: “Glutamate receptors: trafficking, turnover, plasticity, agonists”

Organized by Vincent Seutin (Liège, Belgium)

Aude Panatier (France)

“Astrocytic EphB3 receptors control NMDAR functions and memory

Mark Farrant (UK)

“AMPA receptor function and dysfunction: the role GluA2 subunits”

Nelson Rebola (France)

“Contribution of NMDA receptors to the functional diversity of neocortical interneurons”

Selected speaker

11:40 Prizes and Meeting closure

12:00 Lunch

14:00 Airport shuttle departure