



32th Ion Channel Meeting

September 17th through 20th 2023, Sète, France

Sunday, September 17th 2023

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

19:00 *Welcome drink and Dinner*

21:00 Plenary lecture: Pr Emilio Carbone (Torino, Italy)

Monday, September 18th 2023

08:15 Opening session

08:30 Symposium 1: « Ion Channels as Therapeutic Targets in Motor Diseases »

Organized by Ines El Bini (Tunis, Tunisia)

Pr Riadh Gouider (Tunis, Tunisia)

Paramyotonia congenita: from bench to bedside

Pr Hilal Lashuel (Lausanne, Switzerland)

A spark of hope: targeting potassium channels in parkinson's disease

Pr Eric Boué-Grabot (Bordeaux, France)

Trafficking and function of ATP P2X4 receptors in Amyotrophic Lateral Sclerosis.

Selected speaker:

10:15 Coffee break

10:40 Oral communication session1:

Organized by Fabien Brette (Bordeaux, France)

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

12:30 Lunch

14:00 Poster session 1

15:45 Coffee break

16:00 Symposium 2: “Hypoxia and ion channels”

Organized by Alban Girault (Amiens, France)

Mustafa NAZIROGLU (Isparta, Turkey)

Involvement of TRPM2 channel in the hypoxia-induced neurotoxicity

Fabrice Antigny (Paris, France)

Involvement of Orai1 Ca²⁺ channel in the pathogenesis of pulmonary arterial hypertension

Luigi CATACUZZENO (Perugia, Italy)

Role of ion channels in the hypoxia-induced aggressiveness of glioblastoma

Selected speaker:

17:45-18H45: Oral communication session2:

Organized by Claire Legendre (Angers, France)

18:45- 19:15: Sponsors presentations

19:30 Aperitif dinatoire Sétois

Tuesday, September 19th 2023

08:30 Symposium 3: “Role of ion channels in stem/progenitor cells”

Organized by Valérie Coronas (Poitiers, France)

Francesco Moccia (Pavia, Italy)

Geneless optical stimulation generates pro-angiogenic Ca²⁺ signals in endothelial colony forming cells.

Lin-Hua Jiang (Xinxiang, China ; Leeds, UK)

Distinctive calcium channels integrate a signalling network to regulate mesenchymal stem cell function.

Loïc Lemonnier (Lille, France)

Role of store-operated calcium channels in cancer stem cells.

Selected speaker:

10:15 *Coffee break*

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

11:00-12:30: Poster Session 2

12:30 Lunch

13:30: Appointment for Social event: Boat excursion

17:15 Symposium 4: “Ion channel and development”

Organized by Marie Demion (Montpellier, France)

Lucile Miquerole (Marseille, France)

Morphogenesis of the ventricular Purkinje network: linking architecture and function

Adèle Faucherre (Montpellier, France)

Piezo1 in heart development and function

Olga Andrini (Lyon, France)

TRK-1 sur *Caenorhabditis elegans* / mutations gain of function

Selected speaker:

19:00 Annual meeting of the Association

20:00: Dinner

22:00 Evening Party

Wednesday, September 20th 2023

09:30 Symposium 5: “ Ionic channels in non excitable cells ”

Organized by Isabelle Rubera (Université de Nice, France)

Gilles Crambert (Paris, France)

Asic2 variant, a novel molecular entity involved in renal Na retention during idiopathic nephrotic syndrome

Laurent Beck (Nantes, France)

Uptake and efflux of phosphate in non-excitabile cells: transporters, sensors and homeostatic regulation

Isabelle Callebaut (Paris, France)

Molecular basis of function/dysfunction/modulation of the anion channel CFTR

Selected speaker:

11:15 *Coffee break*

11:40 Prizes and Meeting closure

12:00 *Lunch*

14:00 Airport shuttle departure