

7th SIFP-SIF International Workshop on:
Structure and Function of Ion Channels and Transporters
Sestri Levante (Genova, Italy), October 2-5, 2019

October 2nd

17:00 Registration

18:30 Workshop opening by organizing committee

19:00 Opening keynote lecture: Fabio Benfenati (IIT and DIMES, Università di Genova, Italy)

Interfacing neurons with light

20:30 Free dinner

October 3rd

09:00 Laurent Counillon (Institut de Pharmacologie Moléculaire et Cellulaire, LabEx ICST, UMR 7275 CNRS, Université de Nice Sophia Antipolis, Valbonne, France)

The SLC9A-C mammalian Na⁺/H⁺ exchanger family: from molecular mechanism to physiology

10:00 Luca Maragliano (IIT, Genova, Italy)

Molecular modeling of ion channels

11:00 Coffee break

11:30 Invited Speaker Justin Lee (Co-Director of Center of Cognition and Sociality IBS (Institute for Basic Science, Korea): **Tweety-homolog (Ttyh) Family Encodes the Pore-forming Subunits of the Swelling-dependent Volume-regulated Anion Channel (VRACswell) in the Brain.**

13:00 Lunch

15:00 Short student presentations

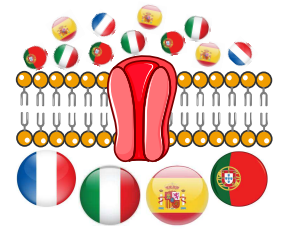
16:00 João Morais-Cabral (Inst. de Investigação e Inovação em Saúde, University of Porto, Portugal)

Structure of channels

17:00 Sandra Jurado (Instituto de Neurociencia de Alicante, UMH-CSIC, Spain)

Roles of postsynaptic SNARE proteins: plasticity and neuromodulation

18:00 Free time and free dinner



October 4th

09:00 Eric Honoré (Institut de Pharmacologie Moléculaire et Cellulaire, LabEx ICST, UMR 7275 CNRS, Université de Nice Sophia Antipolis, Valbonne, France)

Sensing pressure with ion channels: focus on Piezo1

10:00 Asia Fernandez Carvajal (Institute of Molecular and Cell Biology, Universidad Miguel Hernández de Elche, Spain)

Modulation of TRPV1 channels: from bench to bedside

11:30 *Coffee break*

12:00 Poster session

13:00 Lunch

15:00 Short student presentations

16:00 Paulo Aguiar (Inst. de Investigação e Inovação em Saúde and INEB, Instituto Nacional de Engenharia Biomédica, University of Porto, Portugal)

Microelectrode arrays for studying axonal signal transmission

17:00 Laura Ballerini (SISSA, Trieste, Italy)

Graphene tuning of neuronal networks: interfacing synapses at the nanoscale

18:00 Closing keynote lecture: Douglas Bayliss (Dept. of Pharmacology, University of Virginia, USA)

Properties, regulation and functions of Pannexin 1 channels

19:00 Farewell by organizing committee

20:30 Social dinner

October 5th, Departure

Scientific Committee:

Dr. Pierluigi Valente, Università di Genova (Italy)

Dr. Marco Caprini, Università degli Studi di Bologna (Italy)

Dr. Félix Viana, Instituto de Neurociencias de Alicante, UMH-CSIC (Spain)

Dr. Antonio Ferrer-Montiel, Universidad Miguel Hernández de Elche (Spain)

Dr. Graça Soveral, Universidade de Lisboa (Portugal)

Dr. Florian Lesage, Université Nice Sophia Antipolis (France)

Local organizing Committee:

Prof. Fabio Benfenati, Università di Genova (Italy)

Prof. Pietro Baldelli, Università di Genova (Italy)

Dott. Pierluigi Valente, Università di Genova (Italy)

Dott. Mattia Di Francesco, Università di Genova (Italy)