II International Workshop on “Ion Channels in health and disease”

10:00 Opening of the workshop: Jordi Alberch (Vicerector of Research UB)
Joaquim Gutiérrez (Dean of the School of Biology)
Francesc Villarroya (Director of IBUB)

Morning session: Channels & Co.

Chairman: Antonio Felipe (UB, IBUB and SICI consortium)

10:15 Antonio Felipe (University of Barcelona, Barcelona)
Channelopathies

10:30 Michael M. Tamkun (Colorado State University, Fort Collins, USA)
Kv2.1 membrane corrals: Plasma membrane structures involved in ion channel regulation, membrane protein trafficking and endoplasmic reticulum structure

11:10 Thomas J. Jentsch (Leibniz-Institut für Molekulare Pharmakologie, Berlin, Germany)
Role of chloride and potassium channels in hearing, touch, and olfaction

11:50 Coffee break

Afternoon session: Dravet Syndrome

Chairman: Luis Miguel Aras (Director of Research, Fundación Síndrome de Dravet)

12:20 Eva Barroso (INGEMM -Instituto de Genética Médica y Molecular-Hospital Universitario La Paz, Madrid)
Deciphering the genetic causes of Dravet Syndrome

13:00 William A. Catterall (University of University of Washington, Seattle, USA)
Epilepsy, Cognitive Deficit, and Autism in a Mouse Model of Dravet Syndrome

13:40: Concluding Remarks. Antonio Felipe (UB, IBUB and SICI consortium)

Friday, Sept 14, 2012. Aula de Graus Facultat de Biologia, Universitat de Barcelona

Organized by Dr. A. Felipe, Dept de Bioquímica i Biologia Molecular, Institut de Biomedicina (IBUB), Universitat de Barcelona (UB).

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