



PROGRAM RECI VI MEETING

RED ESPAÑOLA DE CANALES IONICOS. SANTIAGO DE COMPOSTELA

Wednesday, September 6, 2017

16:00-16:30	WELCOME by the organization. Faculty of Biology
16:30-17:30	OPENING PLENARY LECTURE: David J Beech . University of Leeds, UK. Piezo1 channels- Key mechanical force sensors in the endothelium
S1. ION HOMEOSTASIS IN HEALTH AND DISEASE (17:30-19:30)	
	Chairs Luis Angel Pardo. Max-Planck-Institute of Experimental Medicine. Göttingen Antonio Felipe. Universitat de Barcelona
17:30-18:00 Oral	<u>Stine Falsig Pedersen</u> . University of Copenhagen <i>The acidic tumor microenvironment as a driver of epithelial cancer progression</i>
18:00-18:30 Oral	<u>David Soto</u> . Universitat de Barcelona. <i>CPT1C as a novel player in AMPA receptor trafficking</i>
18:30-19:00 Oral	<u>Oscar Millet</u> . Cicbiogune Bilbao. <i>Structural basis and energy landscape for the calcium-gating and calmodulation of the Kv7.2 potassium channel</i>
19:00-19:15 Short	Name. Institution. Title
19:15-19:30 Short	Name. Institution. Title
20:00-21:00	RECEPTION: Palacio de Fonseca

Thursday, September 7, 2017

S2. GAP JUNCTION CHANNELS AND DISEASE (9:00-11:00)	
	Chairs Luis C. Barrio. Hospital Ramón y Cajal de Madrid María D. Mayán. Instituto de Investigación Biomédica de A Coruña (INIBIC)
09:00-09:30 Oral	<u>Alberto Pereda</u> . Albert Einstein College of Medicine, Yeshiva University. Bronx, USA <i>Plasticity of electrical synapses</i>
09:30-10:00 Oral	<u>Luis C. Barrio</u> . Hospital Ramón y Cajal de Madrid <i>Connexin-36 knockout mouse: A model of sudden infant death syndrome and central apneas in adulthood</i>
10:00-10:30 Oral	<u>María D. Mayán</u> . Instituto de Investigación Biomédica de A Coruña (INIBIC) <i>Growth control of human melanoma cells by exosomal connexin43</i>
10:30-10:45 Short	Name. Institution. Title
10:45-11:00 Short	Name. Institution. Title
11:00-11:30	Coffee break

S3. NOVEL APPROACHES TO THE STUDY OF CHANNEL PHARMACOLOGY (11:30-13:30)		
	Chairs	Mabel Loza. Universidad de Santiago de Compostela (CIMUS) Rosario González. Instituto de Química Médica de Madrid (CSIC)
11:30-12:00 Oral		<u>Dr. Amadeu Llevaría</u> . Instituto de Química Avanzada de Cataluña (IQAC-CSIC). <i>Precise control of native membrane receptors with light and photoactive molecules</i>
12:00-12:30 Oral		<u>José Manuel Brea</u> . CIMUS. Universidad de Santiago de Compostela <i>Pharmacology of neuronal excitability in the Innopharma project</i>
12:30-13:00 Oral		<u>Dra. Marta Gutiérrez</u> . Instituto de Química Médica (IQM-CSIC) <i>Tailoring chemical tools for modulating the KV4.3/KChIP3 interaction</i>
13:00-13:15 Short		Name. Institution. Title
13:15-13:30 Short		Name. Institution. Title
13:30-15:00	Lunch time	
S4. ION CHANNEL GATING MECHANISM (15:00-17:00)		
	Chairs	Pilar de la Peña. Universidad de Oviedo Álvaro Villarroel. Unidad de Biofísica del País Vasco (CSIC)
15:00-15:30 Oral		<u>Arin Marchesi</u> . French Institute of Health and Medical Research. INSERM. Marsella <i>Direct visualization of conformational gating in a prokaryotic cyclic nucleotide-gated channel</i>
15:30-16:00 Oral		<u>Pilar de la Peña</u> . Universidad de Oviedo <i>Split channels and gating mechanisms in the Kv11.1 (hERG) potassium channel</i>
16:00-16:30 Oral		<u>Álvaro Villarroel</u> . Unidad de Biofísica del País Vasco (CSIC) <i>Structural basis of calmodulin gating of Kv7.2 channels</i>
16:30-16:45 Short		Name. Institution. Title
16:45-17:00 Short		Name. Institution. Title
17:00-17:30	Coffee	
S5. SENSORIAL CHANNELS (17:30-19:30)		
	Chairs	J Antonio Lamas. Centro de Investigaciones Biomédicas (UVIGO) Félix Viana. Instituto de Neurociencias de Alicante
17:30-18:00 Oral		<u>Ulrich Boehm</u> . Saarland University. Homburg. Germany <i>TRP channel function in the reproductive axis.</i>
18:00-18:30 Oral		<u>Félix Viana</u> . Instituto de Neurociencias de Alicante <i>Molecular Physiology of Cold-Activated TRP Channels</i>
18:30-19:00 Oral		<u>Antonio Reboleda</u> . Leibniz Institute for Neurobiology (Magdeburg, Germany) <i>TRPC control of persistent firing. Neuromodulatory pathways.</i>
19:00-19:15 Short		Name. Institution. Title
19:15-19:30 Short		Name. Institution. Title
21:00-23:00	CLOSING DINNER. Hostal de los Reyes Católicos	

Friday, September 8, 2017

S6. ION CHANNELS IN CARDIOVASCULAR DISEASES (9:00-11:00)

	Chairs	María T Pérez. Universidad de Valladolid Mark Nelson. University of Vermont, USA.
09:00-09:30 Oral		<u>Mark Nelson</u> . University of Vermont, USA. <i>Potassium channels and neurovascular coupling.</i>
09:30-10:00 Oral		<u>Ricardo Caballero</u> . Universidad Complutense de Madrid <i>Remodeling of ion channels in atrial fibrillation</i>
10:00-10:30 Oral		<u>María T Pérez</u> . Universidad de Valladolid <i>Kv channels as targets and effectors for vascular remodeling</i>
10:30-10:45 Short		Name. Institution. Title
10:45-11:00 Short		Name. Institution. Title
11:00-11:30		Coffee break

S7. STORE OPERATED CHANNELS (11:30-13:30)

	Chairs	Carlos Villalobos. Instituto de Biología y Genética Molecular de Valladolid (CSIC) Diego Álvarez de la Rosa. Universidad de la Laguna
11:30-12:00 Oral		<u>F. Javier Martín Romero</u> . Universidad de Extremadura. Badajoz, Spain <i>Role of STIM1 phosphorylation in store-operated Ca²⁺ entry and cell migration</i>
12:00-12:30 Oral		<u>Jorgina Satrustegui</u> . Centro de Biología Molecular Severo Ochoa (CSIC-UAM). Madrid, Spain <i>Store operated Ca²⁺ entry in Charcot-Marie-Tooth disease</i>
12:30-13:00 Oral		<u>Carlos Villalobos</u> . Instituto de Biología y Genética Molecular (IBGM, UVA-CSIC). Valladolid, Spain <i>Remodeling of store-operated channels in colon cancer</i>
13:00-13:15 Short		Name. Institution. Title
13:15-13:30 Short		Name. Institution. Title
13:30-14:30		CLOSING PLENARY LECTURE: Luis Angel Pardo . Max-Planck-Institute of Experimental Medicine. Göttingen <i>From neuronal excitability to cell cycle control: the biology of Kv10.1 potassium channels</i>

[Presiona aquí para inscribirte](#)

Local Organizing Committee	Scientific Committee
J Antonio Lamas (UVIGO) Pilar de la Peña (UO) Carmen Vale (USC) Mabel Loza (USC) María Mayán (UDC)	J Antonio Lamas Pilar de la Peña Carmen Vale Mabel Loza María Mayán Antonio Rebores (Leibniz Institute for Neurobiology) Félix Viana (Instituto de Neurociencias de Alicante)



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