

a TRP to Spain

International Workshop on Transient Receptor Potential Channels



www.trp2012.com

Valencia
12th-14th September 2012

Preliminary Schedule

September 12th 2012 (Wednesday)

17.30 – 19.00 Registration

19.00 – 19.15 Opening

19.15 - 20.15 David Julius (USA)

From Peppers to Pit Vipers: TRP channels and Thermosensation

20.15 Cocktail

September 13th 2012 (T)

09.00- 09.40 Rachelle Gaudet (USA)

Structural insights into temperature sensing by TRP channels

09.40-10.20 Daniel Minor (USA)

Structural insights into ion channel structure and modulation

10.20-11.00 Jorg Grandl (USA)

The temperature-activation mechanism of TRP channels

11.00-11.30 Coffee break

11.30-12.10 Stuart Bevan (UK)

TRP channel-mediated sensory transduction in normal and pathophysiological conditions

12.10-12.50 Michael J. Caterina (USA)

TRP channels in the skin

12.50-13.30 Diana Bautista (USA)

Roles of TRP channels in itch transduction

13.30-15.00 Lunch

15.00-15.40 Roger Hardie (UK)

TRP channels in Drosophila phototransduction.

15.40 - 16.40 David Clapham (USA)

TRPC5: mechanism of activation



16.40-17.20 Coffee break

17.20-17.40 Short talk by participant
Title: TBA

17.40-18.00 Short talk by participant
Title: TBA

18.00-18.20 –Short talk by participant
Title: TBA

18.20-18.40 –Short talk by participant
Title: TBA

18.40-19.00 –Short talk by participant
Title: TBA

September 13th 2012 (Friday)

9.00-9.40 Miguel Ángel Valverde (Spain)
TRPV4 regulation and population genetics

09.40-10.20 Maria Belvisi (UK)
TRP channels and sensory reflexes in the lung

10.20-11.00 Antti Pertovaara (Finland)
Role of TRPA1 in diabetic neuropathy

11.00-11.30 Coffee break

11.30-12.10 Rene Bindels (The Netherlands)
New insights in the regulation of mineral TRP's

12.10-12.50 Thomas Gudermann (Germany)
TRPM6 for magnesium homeostasis

12.50-13.30 Haoxing Xu (USA)
Mucolipin TRP channels in the lysosome: opening the gate to the cell's recycling center

13.30 – 15.00 Lunch

15.00-15.40 X. Z. Shawn Xu (USA)
TRP channels in *C. elegans* sensory transduction

15.40 - 16.40 Craig Montell (USA)

Control of animal behavior by TRP channels

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Title: TBA

21.00-23.0 Farewell dinner



Members of the Scientific and Organizing Committee

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Workshop secretariat

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Meeting Sponsors (Preliminary list)

