

# Workshop on Mechanisms of Chronic Pain



5<sup>th</sup>-6<sup>th</sup> November 2015

UNIVERSIDAD MIGUEL HERNANDEZ (ELCHE)  
IBMC- Edificio Torregaitán

*Free Registration. Please fill the form:*

[https://docs.google.com/forms/d/1QiXBl0nvZzQJdqhFC\\_y7Hf6CnXIA5eeGXjQiHTcRCSA/viewform](https://docs.google.com/forms/d/1QiXBl0nvZzQJdqhFC_y7Hf6CnXIA5eeGXjQiHTcRCSA/viewform)

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## Thursday 5<sup>th</sup> November

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15:00 p.m.

Talk 1. **Tim Hucho**. University of Cologne, Köln, Germany.  
*TRPV1 response is robust against TRPV1 expression changes - a systems biological analysis*

15:50 p.m.

Talk 2. **Stefan Lechner**. Heidelberg University, Heidelberg, Germany.  
*Deciphering the neural code of pain using in-vivo optogenetic control of primary sensory afferents*

16:40 p.m.

Short talk 1. **Maria Grazia Ciardo**. Universidad Miguel Hernández, Elche, Spain.  
*Whirlin interaction with TRPV1 increases channel expression and stability*

17:00 p.m.

Coffee break

17:30 p.m.

Talk 3. **Isabel Devesa**. Antalgénics SL, Elche, Spain.  
*Mechanism of TRPV1 sensitization in peptidergic nociceptors*

18:20 p.m.

Talk 4. **Nathalie Vergnolle**. INSERM, Toulouse, France.  
*Mechanisms of intestinal visceral pain: proteases and beyond*

19:10 p.m.

Short talk 2. **Teresa Perez**. INSERM, Toulouse, France.  
*Lipid metabolites produced by a probiotic Escherichia coli modulate visceral hypersensitivity*

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## ***Friday 6th November***

**9:00 a.m.**

Talk 5. **Ana Gomis.** Instituto de Neurociencias UMH-CSIC, San Juan de Alicante, Spain  
*Animal models to study joint nociceptor activity*

**9:50 a.m.**

Talk 6. **Elvira de la Peña.** Instituto de Neurociencias UMH-CSIC, San Juan de Alicante, Spain  
*Modulation of TRPV1 channel activity by hyaluronan*

**10:40 a.m.**

Short talk 3: **Sakthikuma Mathivanan.** Universidad Miguel Hernández, Elche, Spain.  
*Mechanism of TRPV1 sensitization by bradykinin*

**11:00 a.m.**

Coffee Break

**11:30 a.m.**

Talk 7. **Manuela Schmidt.** Max-Plank Institute for Experimental Medicine, Göttingen, Germany.  
*Defining a 'pain-interactome' of TRPA1 and TRPV1 channels*

**12:20 p.m.**

Talk 8. **David Gomez.** Max-Plank Institute for Experimental Medicine, Göttingen, Germany.  
*New tools towards an unbiased and comprehensive protein profiling of human chronic pain*

**13:10 p.m.**

Short talk 4: **Danny Florez.** Instituto de Neurociencias UMH-CSIC, San Juan de Alicante, Spain  
*Mechanotransduction in proprioceptive sensory neurons*

**13:30 p.m.**

**General discussion and farewell**

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Organizing Committee: **Dr. Antonio Ferrer Montiel**  
**Dr. Félix Viana de la Iglesia**

Secretaría técnica: **Secretaría IBMC** (rjorquera@umh.es)

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