



2nd Workshop of the Neurobiology of Pain and Inflammation Program (SP5)
**Inflammation, Degeneration and Regeneration in
the Peripheral Nervous System**

28-29th September 2023, Alicante, Spain

Venue: Instituto de Neurociencias UMH-CSIC
Salón de Actos
Avenida Santiago Ramón y Cajal s/n.
03550 - San Juan de Alicante



Registration: attendance is free but registration is mandatory
[Google Form](https://forms.gle/p5atnefSP3U19JSd8) to register (<https://forms.gle/p5atnefSP3U19JSd8>)

Further Information: sp5_paininflammation@umh.es

Thursday, September 28th

15:00-16:00 Registration open for participants at Instituto de Neurociencias
16:00-16:15 Welcome address by Félix Viana, Director SP5 Program

SESSION 1. Chair: Francisco Taberner

- 16:15-17:00 **Asia Fernández Carvajal**
IDIBE, Universidad Miguel Hernández, Elche, (Spain)
[New *in vitro* models based in microfluidics to study peripheral pathophysiological conditions](#)
- 17:00-17:30 **Jorge Fernández Trillo**
Instituto de Neurociencias UMH-CSIC, Alicante (Spain)
[Role of Piezo2 channels in acute and neuropathic mechanical pain](#)
- 17:30-18:30 **Grünenthal Lecture: Matthias Endres**
Charite – Universitätsmedizin Berlin (Germany)
[Chemotherapy-induced neurotoxicity](#)
- 18:30-19:30 **Poster session**
- 20:30 **Speakers Dinner**



Friday, September 29th

8:00-9:00 Registration open for participants at Instituto de Neurociencias

SESSION 2. Chair: Hugo Cabedo

- 9:00-9:45 **Simone di Giovanni**
Imperial College London (UK)
Neuroimmune interactions for neuronal repair
- 9:45-10:30 **Isabel Fariñas**
Institute of Biotechnology and Biomedicine, Universidad de Valencia (Spain).
Encounters of adult neural stem cells with the immune system
- 10:30-11:00 **Víctor Meseguer**
Instituto de Neurociencias UMH-CSIC, Alicante (Spain)
Delayed degeneration but unaltered regeneration of individually laser ablated corneal cold nerve fibers in Sarm1-null living adult mice
- 11:00-11:30 10 minute Talks for Students
- 11:30-12:00 **Coffee Break**
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- 12:00-13:15 **Plenary Lecture: Michael Coleman**
University of Cambridge (UK)
Programmed axon death in animal models and in human disease
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- 13:15-15:00 **Lunch at Facultad de Medicina**, Edificio Balmis
(Open to speakers and members of SP5 program)

SESSION 3. Chair: Alerie Guzman

- 15:00-15:45 **Peter Arthur-Farraj**
University of Cambridge (UK)
What regulates the early Schwann cell response to nerve injury?
- 15:45-16:15 **Hugo Cabedo**
Instituto de Neurociencias UMH-CSIC, Alicante (Spain)
A genetic compensatory mechanism modulates the expression of distinct class IIa HDACs to ensure peripheral nerve myelination and repair
- 16:15-16:45 **Andrés Fuentes**
Instituto de Neurociencias UMH-CSIC, Alicante (Spain)
Emerging Schwann cell phenotype as a key to develop new regeneration strategies in the PNS



17:00-17:30 10 Minute Talks for Students

17:30-18:30 **Coffee Break**

SESSION 4. Chair: Mari Carmen Acosta

18:30-19:15 **Laura Calvo**

INCyL, Universidad de Salamanca (Spain)

Sensory Schwann cells are required for mechanical nociception and touch perception

19:15-19:45 **Chiara Nappi**

Instituto de Neurociencias UMH-CSIC, Alicante (Spain)

Sex differences in the regeneration of nociceptors after burn injury

19:45-19:50 Closing remarks by Felix Viana

20:30 Dinner

Organizing Committee:

Elvira de la Peña

José A. Gómez Sánchez

Alerie Guzmán

Francisco Taberner

Félix Viana

