

**October 27**

**Session 4**

**Zebrafish insights into Sensory Systems**

Chair: Berta Alsina

**9:30** Introduction to the Session. Berta Alsina

**9:40 Berta Alsina, Barcelona**

“Cranial Signals Establishing Axial Polarity in the Zebrafish Inner Ear”

**10:10 Martin Meyer, London**

“Seeing what the brain sees- Functional Imaging in the Zebrafish Visual System”

**10:40 Stephan Neuhauss, Zürich**

“Glutamate Signaling at the Photoreceptor Synapse”

**11:10 General Discussion and Highlights of the Session**

**11:30 Coffee Break**

**12:00 Poster Session**

**13:00 Keynote Lecture**

David Wilkinson, London

“Boundaries and neurogenesis in the zebrafish hindbrain”.

**14:00 End of Symposium**

**14 :15 Good-bye Lunch**

**Registration**

Before October 20th, 2012

Registration Fee : 75,00€

Send Attached Registration form to contact address

Bank : Santander

Acc. N°: 0049 1843 44 2110 186234

IBAN : ES13 2104 1843 4421 10186324

SWIFT CODE : BSCHEM33

**Poster session**

Send Abstract, 300 words, Title, Authors and Affiliation in Times New Roman 12, before October 20th, 2012 to contact address.

**HOTELS**

(to be paid at the Hotel)

1. Colegio Mayor Fonseca (single room 60€/night ; double room 80€/night).

Calle Fonseca 4. Tel. : +34 923294570

2. Hotel Ibis (single room 49€/night )

Calle La Marina 15-19. Tel.: +34 923272380

Fill the attached document with your dates and preferences and send to contact address.

**Sponsors**

COST ACTION (BM0804) EuFishBioMed  
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Contact address

salamancasyposium@gmail.com

# Symposium

## Contribution of Zebrafish to Neuroscience



**Institute of Neuroscience  
University of Salamanca, Spain  
C/ Pintor Fernando Gallego 1**

**26, 27 October 2012**

**Organizing Committee**

**Raquel E. Rodríguez  
Patrick Blader  
Berta Alsina  
Caroline Brennan  
Catherina Becker**

# Program

**October 26**

**9:15 Welcome. Raquel E. Rodríguez**

**Session 1**

**Constructing the zebrafish nervous system**

Chair: Patrick Blader

**9:30** Introduction to the Session. Patrick Blader

**9:40. Matthias Carl. University of Heidelberg**

In vivo imaging of developing asymmetric neural circuits

**10:10 Virginie Lecaudey. University of Freiburg.**

Shroom3 is required downstream of FGF signalling to mediate proneuromast assembly in the zebrafish

**10:40. Patrick Blader. University Paul Sabatier. France**

Proneural genes and zebrafish olfactory system development

**11:10 General Discussion and Highlights of the Session**

**11:30 Coffee Break**

**Local Organizing Committee**

**Raquel E. Rodríguez  
Ángel F. Porteros  
Verónica González**

**Session 2**

**From genes and circuits to behaviour**

Chair: Caroline Brennan

**12:00** Introduction to the Session. Caroline Brennan

**12:10 Will Norton. University of Leicester. UK.**

Zebrafish as a translational model for Attention-Deficit/Hyperactivity Disorder; from genes to synapses and behaviour.

**12:40 Rui Oliveria. ISPA- Instituto Universitário, Lisboa**

Title: "Using zebrafish to study social cognition and behavior"

**13:10 Caroline H. Brennan. Queens College, London**

"Forward genetic screening for complex behavioural phenotypes"

**13:40 General Discussion and Highlights of the Session**

**14:00 Lunch**



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**Session 3**

**Development and degeneration in the CNS**

Chair: Catherina G. Becker

**16 :00** Introduction to the Session. Catherina G. Becker

**16 :10 Jamilé Hazan, Paris**

Functional Analysis of Proteins involved in hereditary spastic paraplegia during zebrafish embryogenesis.

**16 :40 Catherina G. Becker. Edinburgh**  
"Regulation of spinal motor neuron differentiation"

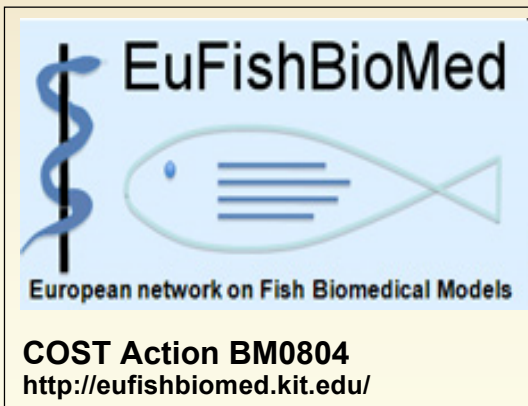
**17 :10 Dirk Sieger. Heilderberg**

"Long-range Ca<sup>2+</sup> waves transmit brain damage signals to microglia"

**17 :40 General Discussion and Highlights of the Session**

**18:00 Coffee Break and Poster Session**

**19 :30 Free Time**



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