



Societat Catalana
de **BIOLOGIA**

**XXVIII JORNADA DE BIOLOGIA DEL DESENVOLUPAMENT
SOCIETAT CATALANA DE BIOLOGIA**

Organizers:

Francesc Cebrià (Universitat de Barcelona, Coordinator of the section of Developmental Biology of the SCB)

Teresa Adell (Universitat de Barcelona)

Berta Alsina (Universitat Pompeu Fabra)

Eva Jiménez (Centre de Regulació Genòmica, CRG)

Friday November 18th 2016

8:30-9.00 Arrival and Registration at Sala Prat de la Riba

9:00 Welcome by the Coordinator of the Section of Developmental Biology

9.10-10.00 **Invited speaker: Montserrat Corominas (Universitat de Barcelona)**
"Transcriptional regulation during development and regeneration"

Short talks

10.00-10.20 Alfonso Ferrández-Roldán "*Deconstructing the chordate genetic toolkit for cardiac development*"

10.20-10.40 Berta Terré "*GEMC1 is a critical regulator of multiciliated cell differentiation and spermatogenesis*"

10.40-11.00 Joana Silva "*EXD2 is a regulator of cellular metabolism and aging*"

11.00-11.30 Coffee break

Short talks

11.30-11.50 Josefa Cruz "*FGF signalling promotes proliferation of tracheal adult progenitors in Drosophila*"

11.50-12.10 Nídia de Sousa "*Hippo signaling controls cell death, cell cycle and differentiation in planarians*"

12.10-12.30 Lara Barrio "*Boundary Dpp promotes growth of medial and lateral regions of the Drosophila wing*"

12.30-12.50 Neus Martínez-Abadías "*Hearts and limbs in Apert syndrome: genetic and morphometric insights*"

12.50-13.40 **Invited speaker: Manuel Irimia (Centre de Regulació Genòmica)**
"Evolution of a network of alternative exons involved in embryo morphogenesis"

13.45-15.00 Lunch

Short talks

- 15.00-15.20 Eudald Carreras *"Smed-bs is a novel secreted peptide that controls cell number in planarians"*
- 15.20-15.50 Esteban Hoijman *"The role of cell dynamics in neuronal specification: a quantitative 4D analysis in the zebrafish inner ear"*
- 15.50-16.10 Haritz Plazaola *"The role of glial ionic homeostasis in glia-neuron communication"*
- 16.10-16.30 José Ignacio Rojo-Laguna *"Wnt5-Ror and Slit-RoboC signaling generates a mutually dependent system to position the CNS along the medio-lateral axis in planarian"*
- 16.30-16.50 Elena Atienza *"The nervous system of Xenacoelomorpha: a genomic and developmental perspective"*
- 16.50-17.00 Present your Poster
- 17.00-18.00 Coffee break and Poster session
- 18.00-18.50 **Invited speaker: Marco Milán (Institut de Recerca en Biomedicina)**
"The other side of genomic instability in tumorigenesis: a fly view"
- 18.50 Concluding remarks