



Institut
d'Estudis
Catalans



Societat Catalana
de **BIOLOGIA**

XXXVI Jornada de Biologia del Desenvolupament
DevBioCat synergy meeting 2025

Friday February 7th 2025

- 9:00 Registration
- 9:25 Welcome by the Organizing Committee
- 9:30-10:10 **Hervé Turlier** (Collège de France, CNRS-INSERM)
From microscopy images to mechanical models of tissues and back
- 10:10-10:25 Daniel Moreno
Cellular senescence contributes to regeneration in planarians
- 10:25-10:40 Joan Bertran
Different cellular and molecular mechanisms of chitin deposition contribute to the specificity of the two chitin synthases in *D. melanogaster*
- 10:40-10:55 Xiao Wei
Installing trophectoderm competence before the first developmental lineage bifurcation
- 10:55-11:10 Poster Flash Talks odd numbers
- 11:10-12:30 Coffee Break and ODD posters
- 12:30-12:45 Iván Sopena
ROS-mediated Pten inactivation regulates Insulin signaling during tissue regeneration in *Drosophila* midgut
- 12:45-13:00 Núria Torres
Uncovering the genetic toolkit against marine biotoxins in the zooplankton *Oikopleura dioica*
- 13:00-13:40 **EMBO Young Investigator Lecture**
Benjamin Towbin (ICB, University of Bern)
Growth control from cells to organisms
- 13:40-14:30 Lunch
- 14:30-14:45 Amelie Godeau
Mechanics of human and mouse embryo implantation
- 14:45-15:00 Giannios Panagiotis
Headcase proteins in *Drosophila* and humans: a novel family of RNP granule regulators
- 15:00-15:15 Isabel Turpin
Assessing Dravet Syndrome pathological traits using brain organoids
- 15:15-15:30 Poster Flash Talks even numbers
- 15:30-16:30 EVEN Posters
- 16:30-17:10 **Berta Alsina** (Universitat Pompeu Fabra)
The path from a neuroepithelial cell to a sensory neuron
- 17:10-17:25 Elena Fusari
Depletion of aneuploid cells is shaped by cell-to-cell interactions
- 17:25-17:40 Ludovica Ciampi
Deciphering the emergence of a novel olfactory neuron subpopulation via gene module co-option in mammals
- 17:40-18:00 Concluding remarks and awards.

Organizing Committee

Esteban Hoijman (IBMB-CSIC/IDIBELL)
Manuel Irimia (UPF/CRG)
Marta Llimargas (IBMB-CSIC)
Marta Morey (UB-IBUB)

Social Media

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