



Societat Catalana  
de **BIOLOGIA**

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

**Wednesday November 6<sup>th</sup> 2019**

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 **Miki Ebisuya (EMBL Barcelona) "Human time vs. mouse time: in vitro segmentation clock as a model system"**

3 Selected talks

10.00-10:20 Lara Barrio "Regulation of anisotropic growth by two orthogonal signaling centers"

10.20-10:40 Eudald Pascual "ATACseq and RNAseq analysis reveal new elements of planarian posterior organizer"

10:40-11:00 Carlos Herrera "Microsyntenic Clusters Reveal Conservation of lncRNAs in Chordates Despite Absence of Sequence Conservation"

11:00-11:30 Coffee break

3 Selected talks

11.30-11:50 Aitor Bañón "Cellular and molecular mechanisms of the Development of the Statoacoustic Ganglion (SAG)"

11:50 -12:10 Alba Ventos "DNA methylation is crucial in cockroach early embryogenesis"

12:10-12:30 Bastian-Jesper Klußmann-Fricke "The influence of the basement membrane on cell morphology during the morphogenesis of the embryonic tracheal system in Drosophila"

12:30-13:20 **Iñaki Ruiz-Trillo (IBE-CSIC-UPF-UB) "A new perspective into the origin of animals"**

13:20-14:45 Lunch

2 Selected talks

14.45-15:05 James Cotterell "Endogenous CRISPR/Cas9 arrays for scalable whole organism lineage tracing"

15:05-15:25 Marta Morey "Glial cells in the stem cell niche are required for proper neurogenesis and wiring of neural circuits"

15:25-15:45 Juan Jose Fraire "The role of ECM and Yki inactivation in the disassembly of a functional organ"

15:45-17:45 Coffee break and Poster session

17:45 Concluding remarks and awards



**Use the hashtag #DevBioSCB2019 @ Facebook and Twitter**