

### Monday 9 March 2026

Main conference room - Station Biologique

8:40-9:00 Registration

9:00-9:10 Julia MORALES (SBR)

Welcome and Information

9:10-9:30 Lucas LECLÈRE (OOB), Jean-Michel GIBERT (DEV2A)

Presentation of the EDEN Network

9:30 - 10:30 Aissam IKMI (EMBL Heidelberg) - Invited Speaker-

Design principles of cnidarian shapes

10:30-11:00 Coffee break

*Session : Reproduction and Fertilization – Chair :*

11:00-11:20 Sébastien VACHÉ (IMEV)

Germline development in the Jellyfish *Clytia hemisphaerica*

11:20-11:40 Martina SANTONI (DEV2A)

Regulation of Prophase Arrest: a new PKA substrate controls Cdk1 activity

11:40 - 12:00 Fernando ROCH (SBR)

mTOR in the sea urchin embryo

12:00 -12:20 Angelina POTIN (SBR)

The mood for love: timing reproductive rhythms of brown alga

12:30-14:00 LUNCH Gulf Stream

14:10 -15:00 Raphaël AGUILLON (IBPC) - Invited Speaker -

Cellular logic of temporal regulation: sleep and circadian clocks from cnidarians to diatoms

*Session : Regulatory gene networks and gene regulation – Chair :*

15:00-15:20 Clare HUDSON (IMEV)

A Quantitative Description of the Mechanisms Leading to a Switch-like Transcriptional Response during Ascidian Early Neural Induction

15:20-15:40 Christine VESQUE (DEV2A)

Uncovering signalling pathways regulated by primary cilia using human neural organoids

15:40-16:00 Marc MEYNADIER (IMEV)

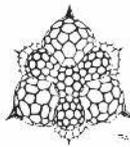
Equivalence of cell type across species using single-cell RNAseq

16:00-16:30 Coffee Break

*Sessions: Regeneration / Mechanics of development I*

16:30-16:50 Silvia CABALLERO-MANCEBO (IMEV)

Cooperation between cortical and cytoplasmic forces shapes planar 4-cell stage embryos



- 16:50-17:10 Florian PONTHEAUX (OOB)  
Transcriptional and morphological insights on Clytia jellyfish manubrium regeneration
- 17:10 -17:30 Karen POTTIN (DEV2A)  
Role of Contactin 2 during the development of the zebrafish olfactory system

17:40 - 19:00 **Poster session** Gulf Stream

19.30 DINNER Gulf Stream

**Tuesday 10 March 2026**

Main conference room - Station Biologique

*Session: Mechanics of development II*

- 8:50 - 9:30 Laurent FORMERY (OOB)  
Large-scale reprogramming of differentiated larval tissues establish adult body plan during sea cucumber metamorphosis
- 9:30-9:50 Camille CURANTZ (DEV2A)  
ECM-mediated inter-tissue mechanical coupling in olfactory placode morphogenesis in *Olfactores*
- 9:50-10:10 Josep MARTI SOLANS (OOB)  
Membrane potential mapping and genetic regulation in *Phallusia mammillata*
- 10:10-10:30 Clara DELEAU (OOB)  
How do medusozoans build striated muscles without MRFs? Insight from *Pelagia noctiluca* myogenesis

10:30 -11:00 Coffee Break

*Session : Evolution of development*

- 11:00-11:20 Cécile LEBLOND (OOB)  
Evolutionary variation of developmental mechanisms: the case of *Molgula appendiculata*
- 11:20-11:40 Luis Alberto BEZARES CALDERÓN (IMEV)  
Initial Morphological and Molecular characterisation of Sensory Systems in Ascidian Larvae
- 11:40-12:00 Sébastien DARRAS (OOB)  
Comparative Early Embryogenesis in Solitary and Colonial Ascidians
- 12:00 - 12:20 Guillaume LECOINTRE (MNHN)  
Hennigian hierarchy of ontogenetic time

12:30-14:00 LUNCH Gulf Stream

14:10 -15:10 Visit of the SBR Marine Resource facility (Sébastien Henry, Ronan Garnier, CRBM-EMBRC)

*Session : Environment and development*

- 15:20-15:40 Clément CARRÉ (DEV2A)  
The RNA methyl-transferase enzyme FTSJ1: conserved role in neuron morphology & learning performance
- 15:40-16:00 Alexandre ALIÉ (IMEV)  
Linking environmental factors with cellular mechanisms of budding in the salp *Thalia democratica* (Tunicata)

16:00 -17:00 **General discussion - future of EDEN Picard Network**

19:00 Gulf Stream - Breton Cider and Beer tasting

19.30 DINNER Gulf Stream