

## 9 ÈME JOURNÉES ANDRÉ PICARD 2018

**Monday 12<sup>th</sup> March**  
(Amphi Charpak)



09:00-09:30

**Bienvenue/Wellcome**

### **Axis formation**

9:30-10:30

**Grigory GENIKHOVICH** University of Vienna, Austria

**Keynote lecture:** Evolution of animal bilaterality: once or more than once?

10:30-11:00

**Yann LE PETILLON** UMR 7232-CNRS-Banyuls

Anterior neural ectoderm formation in the hemichordate *Ptychodera flava*

**11:00-11h30**

**Pause-café/Coffee break**

### **Regeneration and asexual reproduction**

11:30-12:00

**Anabelle PLANQUES** UMR 7592-CNRS-Paris

Posterior regeneration in the annelid *Platynereis*

12:00-12:30

**Marta SCELZO** UMR 7009-Sorbonne Université-Villefranche

Novel form of asexual development in Styelid ascidians: vasa budding in *Polyandrocarpa zorritensis*

**12:30-14:15**

**Lunch and poster session (Caves Esclangon)**

**Posters presented by Julien CALLOCH, Isabelle DOMART-COULON,  
Rémi DUMOLLARD, Jérôme LACOSTE**

14:15-14:50

**Laure BONNAUD-PONTICELLI** UMR 7208-MNHN-Paris

**and Bénédicte CHARRIER** UMR 8227-Sorbonne Université-Roscoff

Le réseau André Picard : bilan 2016-2017

14:50-15:50

**Evelyn HOULISTON** UMR 7009-Sorbonne Université-Villefranche

**Keynote lecture:** Light-mediated oocyte maturation and spawning in the jellyfish *Clytia*

### **Nervous system development**

15:50-16:10

**Dhikra SOUIDENNE** UMR 7208-MNHN-Paris

Dynamics of the development of the nervous central system in the cuttlefish *Sepia officinalis* Linnaeus, 1758

16:10-16:30 **Morgane BONADÈ** UMR 7208-MNHN-Paris  
Influence of light on the setting-up of the dopaminergic system in *Sepia officinalis*

**16:30-17:00** *Pause-café/Coffee break*

17:00-17:30 **Sylvie MAZAN** UMR 7232-Sorbonne Université-Banyuls sur Mer  
Neurogenetic asymmetries during habenular development in the catshark *S. canicula*: evolutionary implications

17:30-18:00 **Pierre-Luc BARDET** ICM Sorbonne-Université-Paris  
Reissner's fiber in the cerebrospinal fluid controls morphogenesis of the body axis

#### ***Bio-mechanics***

18:00-18:30 **Vlad COSTACHE** UMR 7622-Sorbonne Université-Paris  
Formin dynamics and cortical actomyosin contractility in the early *C. elegans* embryo

## **Tuesday 13<sup>th</sup> March**

(Amphi Charpak)

#### ***Post-transcriptional modifications: methylation***

09:00-09:20 **Margarita ANGELOVA** UMR 7622-Sorbonne Université-Paris  
Crosstalk between tRFs and sncRNA pathways in an RNA methylase mutant

09:20-09:40 **Dilyana DIMITROVA** UMR 7622-Sorbonne Université-Paris  
RNA methyltransferase mutant links tRFs to small non-coding RNAs

09:40-10:00 **Lorane LE FRANC** UMR 7208-UCN-Caen  
Epigenetic regulation of development: focus on RNA methylation in a distant model of economic and ecologic significance: the oyster, *Crassostrea gigas*

10:00-10:30 **Hélène THOMASSIN-BOURREL** UMR 7622-Sorbonne Université-Paris  
Mutation of a single lysine residue in Ribosomal Protein uL11 is sufficient to confer *Minute*-like phenotypes

#### ***Genomics and transcriptomics***

10:30-11:00 **Hector ESCRIVA** UMR 7232-Sorbonne Université-Banyuls  
Amphioxus functional genomics reveals the evolution of vertebrate regulatory traits

**11:00-11:30** *Pause-café/Coffee break*

11:30-12:00

**Bénédicte CHARRIER** UMR 8227-Sorbonne Université-Roscoff  
Cell-specific transcriptomics along the filament of the brown alga *Ectocarpus*

**Cell cycle control**

12:00-12:30

**Michel GHO** UMR 7622-Sorbonne Université-Paris  
*Drosophila* sensory organs precursor cells are released from G2-arrest following a centrifugal wave

12:30-13:00

**Alex McDOUGALL** UMR 7009-Sorbonne Université-Villefranche  
Making an early ascidian embryo

13:00-13:20

**Marianne ROCA** UMR 7009-Sorbonne Université-Villefranche  
Controls of mitosis in *Phallusia mammillata* embryos

**13:20-14:30**

**Déjeuner/Lunch (Caves Esclangon)**

14:30-16:30

**General assembly of the André Picard Network (Amphi Charpak)**

