



6th Day of the André Picard Network

29th & 30th of April 2015

Wednesday 29th of April

- 09h00-09h20:** **Welcome at the Citadel**
- 09h20-09h35:** **le Réseau André Picard/SATS-SU : Bilan, éléments de réflexion, perspectives**
- 09h35-10h20:** **Plenary talk**

Vincent Laudet (OOB) - An Evo/Devo analysis of metamorphosis and thyroid hormones
- 10h20-10h50:** **Session 1: Germ Cells and Early Embryonic Development**
- 10h20-10h35 *Charlène Perrois(Paris, UPMC) - Exploring the embryonic fate of maternal mitochondrial DNA*
- 10h35-10h50 *Sara Al Rawi(Paris, UPMC) - Maternal inheritance of mitochondrial genome, how to get rid of paternal contribution*
- 10h50-11h15:** **Coffee break**
- 11h15-12h05:** **Session 1: Germ Cells and Early Embryonic Development**
- 11h15-11h40 *Jean-Philippe Chambon (Paris, UPMC) - Cell fates during tail regression in the ascidian *Ciona intestinalis**
- 11h40-12h05 *Stefania Castagnetti (OOV) - Spindle checkpoint control during cleavage in marine invertebrates*
- 12h30-13h50:** **Lunch at the restaurant “Le Mayssa” (see map)**



14h00-15h45: Session 2: Development and the Evolution of Developmental Mechanisms

- 14h00-14h25 *Jean Deutsch (Paris, UPMC) - Les curieux yeux des phronimes*
- 14h25-14h50 *Karen Pottin (Paris, UPMC) - Nervous system evolution and the ctenophore controversy*
- 14h50-15h05 *Elisabeth Zieger (OOV) - Effects of retinoic acid signaling on neural differentiation in amphioxus (*Branchiostomalanceolatum*)*
- 15h05-15h30 *Hervé Tostivint (Paris, MNHN) - Existe-t-il un système neurosécréteur caudal vestigial du type de celui des poissons chez les tétrapodes? Les enseignements du xénope*
- 15h30-15h45 *Jérôme Deraze (Paris, UPMC) - The importance of being methylated: deciphering the role of RpL12 trimethylation in ribosome homeostasis*

15h45-16h15: Coffee break

16h15-17h15: Session 3: Development and the Evolution of Developmental Mechanisms

- 16h15-16h30 *Daniel Aldea (OOB) - How anterior somitogenesis is controlled in amphioxus development?*
- 16h30-16h45 *Nicolas Robert (OOV) - The cradle of wnt genes: on the evolution of wnt repertoires in metazoans*
- 16h45-17:00 *Lucas Leclerc (OOV) - Life cycle evolution in hydrozoans*
- 17h00-17h15 *João Carvalho (OOV) - Retinoic acid degradation in the *Amphioxus* embryo: developmental functions and evolutionary implications*

17h45-21h00: Poster Session at the Observatory of Villefranche & Walking dinner (see map)



Thursday 30th of April

09h00-09h15: Ouverture: Dr Christophe Trojani, Maire de Villefranche-sur-Mer

09h30-10h25: Session 4: Morphogenesis and Cell Biology of Development

09h30-09h45 *Charles LePabic (Paris, MNHN) - Shell architecture during the development of Sepia officinalis*

09h45-10h10 *Vlad Costache (OOV) - Unequal cleavage in ascidian embryos*

10h10-10h25 *Héloïse Chassé (SBR) - Translational control following fertilization in sea urchin*

10h25-10h45: Coffee break

10h45-11h00: Véronique Atger (Directrice, Département de la Recherche, SU, Paris) - Actions Sorbonne Universities

11h00-11h50: Session 5: Modelling and Bioinformatics

11h00-11h25 *Richard Copley (OOV) - The evolution of animal transcription factors*

11h25-11h50 *Benoit Perthame (Laboratoire J-L. Lions, UPMC) - Competition and boundary formation in heterogeneous media: Application to neuronal differentiation*

11h50-12h15: Session 6: Philosophy of Development

11h50-12h15 *Daniel Andler (Paris-Sorbonne) - What are philosophers for? The case of development*

12h15-12h40: Session 7: Methodologies

12h15-12h40 *Agnes Roure (OOB) - CRISPR technology in the ascidian*

12h30-13h50: Lunch at the restaurant “Le Mayssa”

14h00-16h00: Synthèse scientifique, at the Citadel