

BORDEAUX RNA CLUB ANNUAL WORKSHOP

Monday, June 17th

15.00 – 15.15

Welcome address

15.15 – 16.20 Session 1 - Chair : Martin Teichmann

- 15.15 · *Transcriptional regulatory mechanisms in animal cells*
Dr. Robert Roeder, Laboratory of Biochemistry and Molecular Biology, The Rockefeller University, New York, USA
- 16.00 · *RNA-mediated epigenetic organization of the genome in the model organism Paramecium*
Sandra Duharcourt, Institut Jacques Monod, CNRS Université Paris Diderot UMR 7592, Paris, France

16.20

Coffee break

16.40 – 17.45 Session 2 - Chair : Fabien Darfeuille

- 16.40 · *MicroRNA miR92a regulates translation and synaptic incorporation of GluA1 containing AMPA receptors during homeostatic scaling*
Mathieu Letellier, Institut Interdisciplinaire de neurosciences, UMR 5297, Univ. Bordeaux Segalen, Bordeaux, France
- 17.00 · *Post-transcriptional regulation of cyclins D1, D3, and G1 and proliferation of human cancer cells depend on IMP-3 nuclear localization*
Thaiz Rivera Vargas, CEA, CNRS, Gif-sur-Yvette, France
- 17.20 · *The role of microRNAs as metabolic stress regulators*
Markus Stoffel, Institute Molecular Health Sciences, ETH, Zürich, Switzerland.

Tuesday, June 18th

09.30 – 10.55 Session 3 - Chair : Lionel Minvielle-Sebastia

- 09.30 · *Lighting up RNA interactions in living cells*
David Tollervey, Wellcome Trust Centre for Cell Biology, University of Edinburgh, Scotland
- 10.15 · *Direct evidence for RNA-RNA interactions at the 3' end of the Hepatitis C virus genome using surface plasmon resonance.*
Carmelo Di Primo, ARNA, IECB, Inserm U869, Université Bordeaux Segalen, Pessac, France
- 10.35 · AGILENT

10.55 – 11.15 Coffee break & Posters

11.15 – 12.40 Session 4 - Chair : Jean-Jacques Toulmé

- 11.15 · *The regulatory circuits mediated by RNAs in Staphylococcus aureus and implication of the endoribonuclease III*
Pascale Romby, Architecture et Réactivité de l'ARN, Université de Strasbourg, CNRS, IBMC, Strasbourg, France
- 12.00 · *Intramolecular 3'-UTR/Shine-Dalgarno pairing mediates mRNA translation inhibition in bacteria*
Ruiz de los Mozos, IDAB, Pamplona, Spain
- 12.20 · *A novel class of toxin-antitoxin modules in Helicobacter pylori*
Fabien Darfeuille, ARNA, Inserm U869, Univ. Bordeaux Segalen, Bordeaux, France

12.40 - 14.00 Lunch (mandatory registration before June 14th at U869@inserm.fr)

14.00 - 15.50 Session 5 - Chair : Sébastien Fribourg

- 14.00 · *Modus operandi of molecular killers: Dis3L2, an RNase II-like exoribonuclease discloses a novel RNA degradation pathway*
Cecília M. Arraiano, Instituto de Tecnologia Química e Biológica, Universidade Nova de Lisboa, Oeiras, Portugal
- 14.45 · *Molecular bases and in vivo characterisation of egl-15 alternative splicing mechanism in C. elegans.*
Samir Amrane, ARNA, IECB, Inserm U869, Université Bordeaux Segalen, Pessac, France
- 15.05 · *Chromatin modifications in neural differentiation and memory: implications of lysine acetylation and arginine methylation*
Tapas Kundus, Transcription and Disease Laboratory, Molecular Biology and Genetics Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India