

Program of the 10th Bordeaux RNA Club Symposium

June 14-15, 2018

IECB auditorium
2, rue Robert Escarpit
33607 Pessac

8:30 – 8:50 Registration

8:50 – 9:00 Opening remarks (A. Innis)

9:00 – 10:40 1st Session (Chair: J.-J.Toulmé)

9:00 – 9:50 **Gerald Joyce**

RNA-Targeted Drug Discovery

9:50 – 10:10 **Eric Largy**

Hydrogen-Deuterium Exchange Mass Spectrometry (HDX/MS) to study quadruplex nucleic acid folding and interactions

10:10 – 10:30 **Delphine Bronesky**

A dual sRNA in *Staphylococcus aureus* induces a metabolic switch responding to glucose consumption

10:30 – 10:40 *Sponsor talk (NEB)*

10:40 – 11:00 Coffee break

11:00 – 12:30 2nd Session (Chair: C. Mackereth)

11:00 – 11:50 **Lori Passmore**

Mechanistic insight into the eukaryotic poly(A) tail machinery

11:50 – 12:10 **Yaser Hashem**

Structure of the mammalian cap-dependant translation initiation complex depends on the mRNA sequence at the vicinity of the start-codon

12:10 – 12:30 **Daniel Wilson**

Structure of a hibernating 100S ribosome reveals an inactive conformation of S1

12:30 – 14:30 Lunch break and poster session

14:30 – 16:00 3rd Session (A. Innis)

14:30 – 15:20 Scott Blanchard

Single-molecule analyses of the role of GTP hydrolysis
in translocation on the bacterial and human ribosome

15:20 – 15:40 Mariia Klimova

Interplay of ribosome dynamics and EF-G action during
initiation of bypassing

15:40 – 16:00 Alba Herrero del Valle

Molecular mechanism of L-ornithine sensing by the
novel ribosome arresting peptide SpeFL

16:00 – 19:30 Free time (Fête du vin)

19:30 – Dinner in Bordeaux for invited and selected speakers

9:00 – 10:40 1st Session (Chair: F. Darfeuille)

9:00 – 9:50 **Kathi Zarnack**

Decoding a cancer-relevant splicing decision in the RON proto-oncogene using high-throughput mutagenesis

9:50 – 10:10 **Amani Ghousein**

MiR-4510 Suppresses Hepatocellular Carcinoma Development Through RAF1 Targeting And MAPK/ERK Signaling Inhibition

10:10 – 10:30 **Roberta Rapone**

Unusual cytoplasmic role of the “histone” lysine methyltransferase SETDB1

10:30 – 10:40 *Sponsor talk (Qiagen)*

10:40 – 11:00 Coffee break

11:00 – 12:30 2nd Session (Chair: I. Iost)

11:00 – 11:50 **Julian König**

In vitro iCLIP-based modeling uncovers how the splicing factor U2AF2 relies on regulation by cofactors

11:50 – 12:10 **Agnès Méreau**

The emergence of an exonic region with a peculiar splicing regulation

12:10 – 12:30 **Cameron Mackereth**

MEC-8 regulated alternative splicing in neurons

12:30 – 14:00 Lunch break and poster session

14:00 – 15:45 2nd Session (Chair: M. Teichmann)

14:00 – 14:50 **Florence Besse**

Regulating neuronal granules in space and time

14:50 – 15:10 **Lukas Schneider**

Mechanistic insight into function and processing of a ribosome-associated ncRNA (rancRNA)

15:10 – 15:30 Anne-Claire Godet

Role of the paraspeckle and of the long non-coding
RNA NEAT1 in translational control during hypoxia

15:30 – 15:45 Closing remarks and prize ceremony