February, 2nd 2023

9.00 am – 9.10 am  Opening
9.10 am – 12.25 pm  RNA biogenesis, structure, RNA-mediated regulation
9.10 am – 9.55 am  Keynote: Dynamic riboregulatory assemblies in the control of gene expression - Ben Luisi – University of Cambridge
9.55 am – 10.25 am  Regulatory RNAs in bacteria: novelties and future challenges - Pascale Romby – CNRS, IBMC
10.25 am – 10.55 am  Coffee Break
10.55 am – 11.25 am  Probing the structure and function of long viral RNAs - Redmond Smyth – Helmholtz Institute
11.25 am – 11.55 am  RNA maturation and decay in B. subtilis - Ciaran Condon - CNRS, IBPC
11.55 am – 1.30 pm  Lunch break and poster session
1.30 pm – 3.45 pm  RNA modifications, Epitranscriptomics
1.30 pm – 2.15 pm  Keynote: Expanding world of RNA modification and its disease relevance - Tsutomu Suzuki – University of Tokyo
2.15 pm – 2.45 pm  When the Heat Is On - Turn Up the Ac(4C) - A Near Atomic Resolution Glance into RNA Acetylation - Moran Shalev-Benami - Weizmann Institute
2.45 pm – 3.15 pm  RNA modifications – from zero to hero - Mark Helm – University of Mainz
3.15 pm – 3.45 pm  RNA modification mapping and quantification using deep sequencing - Iouiri Motorine – University of Lorraine
3.45 pm – 4.15 pm  Coffee break
4.15 pm – 5.45 pm  RNP and phase separation
4.15 pm – 4.45 pm  What drives the specificity of RNA storage in P-bodies - Dominique Weil - IBPS, CNRS
4.45 pm – 5.15 pm  Engineering Phase Separations in Cells to Study RNA-Protein Condensates - Zoher Gueroui - ENS
5.15 pm – 5.45 pm  Probing and harnessing synthetic liquid-liquid phase separation of RNA in Bacteria – Ariel Lindner - CRI
February, 2nd to 3rd 2023
Amphithéâtre Buffon
15 rue Hélène Brion 75013 Paris

February, 3rd 2023

- 8.30 am – 11.00 am  RNP and RNA metabolism -Technical advances
- 8.30 am – 9.00 am  Molecular tricks to illuminate mRNP particle dynamics - Hervé Le Hir - IBENS
- 9.00 am – 9.30 am  A complex interplay between GalQ34 and PSI35 modifications in tyrosine tRNA to fine tune accurate decoding in Human cells - Olivier Namy – I2BC
- 9.30 am – 10.00 am  Imaging the life and death of mRNAs in single cells - Jeff Chao - Friedrich Miescher Institute for Biomedical Research
- 10.00 am – 10.30 am  Exploring spatial RNA regulation by quantitative imaging - Florian Mueller – Pasteur Institute
- 10.30 am – 10.50 am  Coffee Break
- 10.50 am – 1.00 pm  RNA therapeutics –Novel RNA platforms
- 10.50 am – 11.30 am  Keynote: mRNA in Medicine: Optimization of an mRNA platform for “best-in-class” applications - Frank de Rosa - Sanofi
- 11.30 am – 12.00 pm  Trans-amplifying RNA: a versatile vector system to deliver therapeutic proteins and RNAs - Tim Besseirt - TRON
- 12.00 pm – 12.30 pm  Engineering circular RNA nanotherapeutics - Piotr Kovalski – University of Cork
- 12.30 pm – 1.00 pm  Biological RNA delivery - Pascale Bouille - Flash Therapeutics
- 1.00 pm – 2.20 pm  Lunch break and poster session
- 2.20 pm – 3.50 pm  RNA therapeutics –Applications
- 2.20 pm – 2.50 pm  mRNA in cancer vaccine design - Karine Breckpot – Free University of Brussels
- 2.50 pm – 3.20 pm  Targeting PIM kinases in cancer using an antisens oligonucleotide strategy - Thierry Fest – University of Rennes
- 3.20 pm – 3.50 pm  New generation of antisense oligonucleotides for the treatment of Duchenne Muscular Dystrophy by exon-skipping - Aurélie Goyenvalle – UVSQ
- 3.50 pm – 4.00 pm  Closure