

WEDNESDAY FEBRUARY 7th 2018

2:15-2:30 pm WELCOME REMARKS

1: Non coding RNAs: from basic research to therapy

2:30-3:30 pm – **Opening Lecture: VICTOR AMBROS (UMASS, USA)** – *Perspectives on the functions of microRNAs in animal development*

3:30-4:00 pm – **Aimee Jackson (Miragen therapeutics, USA)** – *Development of microRNA-based Therapeutics*

4:00-4:30 pm - Coffee break

4:30-5:00 pm – **Reini Fernandez de Luco (IGH, France)** – *Beyond the DNA: the role of chromatin and lncRNAs in the regulation of alternative splicing*

5:00-5:15 pm – Selected Talk

5:15 – 5:45 pm – **Hervé Vaucheret (IJB, France)** – *Regulation of gene expression by small RNAs in plants*

5:45- 6:00 pm – **Stéphanie Jaubert-Possamai (INRA, Valbonne, France)** *Characterization of small RNAs involved in the plant response to parasitic nematodes, genus Meloidogyne.*

THURSDAY FEBRUARY 8th 2018

2: RNA in Cancer, Metabolic & Developmental Disorders - Session I

09:00-09:30 am – **Andrzej Dziembowski (iBB, Poland)** – *The role of FAM46C, a novel non-canonical poly(A) polymerase, in the pathogenesis of multiple myeloma*

09:30-09:45 am – **Patrick Brest (IRCAN, Nice, France)** – *Unexpected miRNA dynamics in tumor progression.*

09:45-10:00 am – Selected Talk



10:00-10:15 am – *Selected Talk*

10:30-11:00 am – *Coffee break*

3: RNA in Cancer, Metabolic & Developmental Disorders - Session II

11:00-11:30 am – **Markus Stoffel (ETH, Switzerland)** – *RNA regulatory networks in metabolism*

11:30-11:45 am – **Thomas Maurin (IPMC, Valbonne, France)** – *Fragile X Syndrome : from CLIP-assay a clue for effective therapies.*

11:45-12:00 pm – **Grégoire Savary (IPMC, Valbonne, France)** – *Targeting non-coding RNA networks in fibrogenic diseases*

12:00-12:15 pm – *Selected talk*

12:15-12:45 pm – **Laurence Colleaux (Imagine Institute, France)** – *Role of miR-146a in differentiation and neural lineage determination of neural stem cell: relevance for neurodevelopmental disorders*

12:45-2:30 pm- *Lunch*

4: Methodological advances

2:30-2:45 pm – **Sergio Afonso (Advanced Cell Diagnostics)** - *The RNAScope technology.*

2:45-3:00 pm – *Selected Talk*

3:00-3:15 pm – *Selected Talk*

5: Spatio-temporal regulation of gene expression

3:15-3:45 pm - **Jeanne Lawrence (UMASS, USA)** – *RNAs and compartmentalized nuclear structures*

3:45-4:15 pm - **Edouard Bertrand (IGMM, France)** – *Visualization of gene expression in single living cells*

4:15-4:30 pm – *Selected talk*

4:30-5:00 pm - Coffee break

5:00-5:15 pm - **Florence Besse** (iBV, Nice, France) – *Regulating neuronal granules in space and time*

5:15-5:30 pm - *Selected talk*

5:30-6:00 pm - **Marvin Tanenbaum** (Hubrecht Institute, Netherlands) – *Live cell single molecule imaging reveals translation dynamics and control mechanisms*

6: -Poster session

6:30-8:30pm Cheese & Wine – Poster Session

FRIDAY FEBRUARY 9th 2018

7: RNA regulatory networks – Genomic Approaches

9:15-9:45 am - **Gian Gaetano Tartaglia** (CRG, Spain) – *Discovery of Protein-RNA Networks*

9:45-10:00 am - **Silvia Bottini** (C3M, Nice, France) – *A Nucleoplasmic Post-transcriptional Control of microRNA-Mediated Silencing"*

10:00-10:15 am – *Selected Talk*

10:15-10:45 am Coffee break

10:45-11:00 am - *Selected Talk*

11:00-11:30 am - **Jernej Ule** (Crick Institute, UK) – *Dual evolutionary consequences of LINE-dependent RNP assembly shaped the mammalian transcriptomes*

11:30-11:45 am - **Gaël Christofari** (IRCAN, Nice, France) – *Developing new genomic approaches to study LINE-1 activation in human cells*

11:45- 12:00 am – **CONCLUSION REMARKS**

12:00-1:00 pm Lunch