

WEDNESDAY MARCH 16th 2022

1:45 – 2:00 pm – **WELCOME REMARKS** -

2:00 – 2:50 pm – **OPENING Lecture:** Introduction and Chairperson: Michele Trabucchi

Oded Rechavi (Tel Aviv University, Israel) – *Mechanisms of transgenerational small RNA inheritance*

Session 1: Emerging aspects in Small RNAs
(Chairpersons: Maria Duca; Bruno Favery)

2:50 – 3:20 pm - **René Ketting** (Institute of Molecular Biology, Germany) – *Small RNA inheritance: how and why*

3:20 – 3:40 pm – selected speaker

3:40 – 4:00 pm – selected speaker

4:00 – 4:15 pm - **Amandine Gontier** (Dynamic Biosensors GmbH, Germany) - *heliX®: the modular biosensor for studying nucleic acid binding molecules*

4:15-4:50 pm Coffee break

Session 2: long noncoding RNAs and Cancer
(Chairpersons: Bernard Mari;

4:50 – 5:20 pm – **Rory Johnson** (University College Dublin, Ireland) – *Discovery of long noncoding RNA vulnerabilities in cancer*

5:20 – 5:30 pm – selected speaker

5:30 – 6:00 pm – **Francesco Nicassio** (Istituto Italiano di Tecnologia, Italy) – *ncRNAs in transcriptional and epigenetic reprogramming of breast cancer cell*

6:00 – 6:20 pm – selected speaker



THURSDAY MARCH 17th 2022

Session 3: Methodological advances & computational biology

(Chairpersons: Gael Cristofari ;)

9:00 – 9:30 am - **John LaCava** (European Institute for the Biology of Ageing, Netherlands) – *Multi-omic analyses of endogenous LINE-1-associated ribonucleoprotein indicates active translation and unique composition compared to other ribonucleoprotein granules*

9:30 – 9:50 am - selected speaker

9:50 – 10:20 am **Eva Maria Novoa Pardo Genomic** (CRG, Barcelona, Spain) – *Charting the role and dynamics of RNA modifications using native RNA nanopore sequencing*

10:20-11:00 am Coffee break

11:00 – 11:20 am – selected speaker

Session 4: Spatio-temporal regulation of gene expression

(Chairpersons: Florence Besse; Arnaud Hubstenberger)

11:20 – 11:50 am – **Jan Philipp Junker** (Max Delbrück Center for Molecular Medicine, Germany) - *Cellular drivers of heart regeneration in zebrafish*

11:50 – 12:10 pm – selected speaker

12:10-2:30 pm- Lunch

2:30 – 2:50 pm – selected speaker

2:50 – 3:05 pm - **William Amoyal** (REBUS Biosystems) - *Rebus Esper: Innovative optics, novel chemistries, and intuitive software for unlimited spatial discoveries*

Session 5: RNA regulatory networks

(Chairpersons:.....; Michele Trabucchi)

3:10 – 3:40 pm - **Bertrand Seraphin** (Institut de génétique et de biologie moléculaire et cellulaire, France) – *Starting from the end: mechanism and regulation of mRNA decay*

3:40 – 4:00 pm – selected speaker

4:20 – 4:40 pm - **Nikolaus Rajewsky** (Max-Delbrück-Center for Molecular Medicine, Germany) – *TBA*

04:40-05:10 pm Coffee break

5:10 – 5:40 pm - **Martin Crespi** (Institute of Plant Sciences Paris Saclay, France) – *Plant long non-coding RNAs in splicing and epigenetic regulation*

5:40 pm – 6:00 pm – selected speaker

6:00 – 6:30 am - **Torben Heick Jensen** (Aarhus University, Denmark) – *Quality control of RNA production*

Session 6: Poster session

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

FRIDAY MARCH 18th 2022

Session 7: RNA Regulation in Development & Disease (Chairpersons: Barbara Bardoni;

9:00 – 9:30 am - **Deborah Bourc'his** (Curie Institute, France) – *m6A RNA methylation and genome stability*

9:30 – 9:50 am – selected speaker

9:50 – 10:20 am - **Alena Shkumatava** (Curie Institute, France) – *Identification of functional lncRNA motifs*

10:20-10:50 am Coffee break

10:50 – 11:20 am - **Claudia Kutter** (Karolinska Institute, Sweden) – *Yin Yang of coding and noncoding transcriptional circuitries in healthy and diseased liver cells*

11:20 am – 11:40 am – selected speaker

11:40 – 12:30 pm – **CLOSING Lecture:** Introduction and Chairperson: Florence Besse

Claire Rougeulle (Université de Paris, France) – *How many noncoding RNAs does it take to turn off the X chromosome?*

12:30 – 12:45 pm - **CONCLUSION Remarks** (.....,

12:30-13:30 pm Lunch

