

## Programme

Thursday 1 December

14:30 Opening words by Luis Serrano

### **SESSION 1**

14:40 Evan Floden

*Shake-n-Bake: exploring alignment space and phylogenetic reconstruction through parameter adjustment.*

15:05 Javier Tapial

*A set of conserved exons alternatively included across all tissues and cell types.*

15:30 Anumapa Ashok

*Mechanism of TANGO1 dependent collagen secretion.*

15:55 Coffee break & Poster session



## SESSION 2

16:30 Claudia Vivori

*How alternative splicing changes during reprogramming - The case of C/EBP $\alpha$  poisoning B cells.*

16:55 Jacopo Boni

*Investigating DYRK kinases as molecular drivers in cancer.*

17:20 Krystal Timón Pérez

*Understanding microtubule assembly in mitosis: cooperative action of three different MT assembly pathways to build a bipolar spindle.*

17:55 Chris Wyatt

*The role of alternative splicing in early mammalian development.*

18:20 End of session



Friday 2 December

### SESSION 3

10:15 Farners Amargant i Riera

*Characterization of the human sperm centrosome and its role in fertility.*

10:40 Antonio Tarruell

*In vitro derived germ cells: a model system for X chromosome reactivation.*

11:05 Álvaro Castells García

*Investigating the nuclear organization of RNA at a nanoscale level using STORM imaging.*

11:30 Coffee break & Poster session

### SESSION 4

12:10 Bogumila Jagiello

*What links mRNAs and microtubules? Quantitative characterisation of a first direct interaction between RNP and MT-cytoskeleton.*

12:35 Miguel Ángel Naranjo Ortiz

*Karyon, an automated pipeline for the study of unorthodox genomes.*

10:00 Reza Sodaei

*Tissue and species exclusive exon usage.*

13:25 Lunch break



Friday 2 December

**SESSION 5**

14:30 Serena Generoso

*A screen for novel X-chromosome reactivation and reprogramming factors.*

14:55 Riccardo Delli Ponti

*A high-throughput approach to profile RNA structure.*

15:20 Marta Vives

*Prenatal and postnatal environmental tobacco smoking and molecular signatures in children*

15:45 Coffee break

16:15 Prizes & Closing Remarks

18:00 Happy hour

