



Programme

Thursday, June 12th 2014

9.30 Welcome and opening remarks by Anna Houben

SESSION 1 Chair: Anna Houben

- 9:40 Invited speaker
Sebastian Maurer
Group Leader Cytoskeleton dependent RNA distribution mechanisms – Cell & Developmental Biology
Two CVs
- 10:25 CRG Postdoc talk
Karthik Arumugam
Reprogramming and Regeneration group – Gene Regulation, Stem Cells & Cancer
Exploring the molecular mechanism of Wnt-induced pluripotency and reprogramming using transcription networks
- 10:50 CRG Postdoc talk
Eva Yus
Design of Biological Systems group – Systems Biology
Understanding gene expression regulation in a minimal organism

11:15 *Coffee break*

SESSION 2 Chair: Pedro Vizán

- 11:45 Invited speaker
Abel González
GRIB-UPF Postdoc – Biomedical Genomics
In silico prescription of anti-cancer drugs to cohorts of 28 tumor types reveals novel targeting opportunities
- 12:20 CRG Postdoc talk
Josse van Galen
Intracellular Compartmentation group – Cell & Developmental Biology
Involvement of a novel lipid enzyme in the generation of transport carriers at the trans-Golgi network
- 12:45 CRG Postdoc talk
Luigi Aloia
Epigenetic Events in Cancer group – Gene Regulation, Stem Cells & Cancer
Zrf1 is required to establish and maintain neural progenitor identity

13:10 *Lunch*



SESSION 3 **Chair: Oliver Drechsel**

- 14:30 Invited speaker
Ludovica Montanucci
IBE-CSIC-UPF Postdoc – Evolutionary Systems Biology
Understanding natural selection in molecular networks
- 15:05 CRG Postdoc talk
Maria Plyuscheva
Evolutionary genomics group – Bioinformatics & Genomics
Bioluminescence, fluorescence and photoreception in elytra of scale-worms (Polychaeta, Polynoidae)
- 15:30 CRG Postdoc talk
Nathalie Brouwers
Microtubule function and cell division group – Cell & Developmental Biology
Characterization of Hklp2 and KBP in spindle formation and chromosome alignment

15:55 *Coffee break*

SESSION 4 **Chair: Elias Bechara**

- 16:20 CRG Postdoc talk
Mirko Francesconi
Genetic systems group – Systems Biology
The impact of genetic variation on gene expression dynamics
- 16:45 CRG Postdoc talk
Panagiotis Papasaikas
Regulation of alternative pre-mRNA splicing group – Gene Regulation, Stem Cells & Cancer
Reconstruction of a functional splicing network reveals extensive regulatory plasticity of the core spliceosomal machinery
- 17:10 Invited speaker
Olivia Casanueva
Group Leader The Babraham Institute – Epigenetics
The effect of adaptation on ageing
- 17:55 Closing remarks by Elias Bechara