Tri-Regional meeting, September 30th, 2015, Freiburg

PROGRAM

10:00 START
Intro 5 min

PLENARY TALK: 10:05-11:00

Takashi Hiiragi
Symmetry breaking in the mouse embryo

SESSION I: 11:00-11:30

Daniel Riveline
Examples of phenomena in cell physics: cell motility and cell division

Tri T. Pham
Cortical Tension and stiffness during asymmetric cell division

11:30-12:00 Coffee break

SESSION II: 12:00-13:00

Juliette Godin
A dynamic Unfolded Protein Response controls cortical neurogenesis

Michael Kaminski
Identification of renal cell fate inducing transcription factors

Anika Wehrle
Early skeletal development may be linked via signaling of TRIP11 and LBR to vitamin D metabolism

Julie Gamart-Leclercq
Interactions between signaling inputs and the Grem1 genomic landscape controls limb bud development

13:00-14:00 LUNCH BREAK
SESSION III: 14:00 -15:00

Stefan Harmansa
Growth Control in the Absence of Dpp Spreading

Mark Norman
Pentagone internalizes glypcans to fine tune multiple signaling pathways

Patrick Fried
Dynamic scaling of morphogen gradients on growing domains

Sarah Becker
You are what you eat: the maintenance of cell identity and the impact of food on transdifferentiation

Coffee break 15:00-15:30

SESSION IV: 15:30-16:15

Rita Ferreira
Left-right patterning: Order and coherence of cilia implantation within the zebrafish left-right organizer

Alexis Hofherr
A forward genetic screen identifies a Ca2+-regulated mitochondrial metabolite carrier required for the establishment of the left-right asymmetry

Maja Funk
CyclinO is required for deuterosome-mediated centriole amplification and proper ciliation of multiciliated cells

PLENARY TALK: 16:15-17:10

Eduardo Moreno
Cell selection during Ageing, Cancer and Neurobiology

17:15 APERO