



Decision making in cell collectives

Launching Meeting



5-6 April 2018 Carmona, Spain

Thursday

15:15-15:30	Opening Remarks		
15:30-16:15	Keynote 1	S. Horne-Badovinac	Going in circles gets you somewhere - signalling mechanisms that coordinate individual cell movements for collective migration
16:15-16:35	Talk 1	A. González-Reyes	Genetic and molecular characterisation of the stem cell niche: perspectives from the <i>Drosophila</i> ovary
16:35-16:55	Talk 2	M.D. Martín-Bermudo	Integrin-mediated mechanotransduction: a driver of epithelial morphogenesis and homeostasis
16:55-17:15	Talk 3	J. C. Hombría	Translating differential Hox-DNA binding affinity into antero-posterior body axis positional regulation
17:15-17:45	Coffee Break		
17:45-18:30	Keynote 2	F. Pichaud	Mechanisms of epithelial polarity
18:30-18:50	Talk 4	L. Marcon	4D dynamics of mouse embryonic stem cell self-organization
18:50-19:10	Talk 5	L.M. Escudero	Three-dimensional packing of curved epithelia
19:10-19:30	Talk 6	F. Casares	The colonization of Space
19:30-20:15	Keynote 3	M. Lutolf	Organoid development by design
20:30-	Dinner		

Friday

9:00-9:45	Keynote 4	A. Pombo	Genome architecture mapping: discovering chromatin contacts in rare cell types
9:45-10:05	Talk 7	J.L. Gómez-Skarmeta	Evolution of regulatory landscapes
10:05-10:25	Talk 8	D. Devos	4Cin: a computational pipeline for 3D genome modelling and virtual Hi-C analyses from 4C data
10:25-10:45	Talk 9	P. Askjaer	Tissue-specific nuclear organisation seen from the periphery
10:45-11:15	Coffee Break		
11:15-12:00	Keynote 5	J. Ahringer	Genome architecture and transcription regulation in <i>C. elegans</i>
12:00-12:20	Talk 10	J. Carvajal	Transcriptional regulation of skeletal myogenesis in the mouse
12:20-12:40	Talk 11	J. R. Martínez Morales	Cis-regulatory logic of Shh expression reveals common history of unpaired and paired fins
12:40-13:00	Talk 12	J. P. Couso	Developmental regulation of lncRNA translation
13:00-13:45	Keynote 6	M. Torres	Collective cell behaviours underlying mouse heart tube formation
13:45-14:00	Concluding Remarks		