

III CRG PostDoc Symposium

09:00 Opening Remarks

SESSION I

09:15 Invited Speaker

Iñaki Ruiz-Trillo, *Institut de Biologia Evolutiva*
"The origin of Metazoa: unicells take the lead"

09:45 **Pedro Ferreira**

"Transcriptome analysis with high throughput sequencing: applications to cancer studies"

10:15 **Cedrik Magis**

"Building Structure-based Classification from Multiple Sequence Alignment with the T-RMSD: application to the TNFL and TNFR families"

10:45 **Marc Friedlaender**

"Estimating the microRNA content of the human genome: because numbers matter"

11:15 coffee break

SESSION II

11:30 Invited Speaker

Marcus Buschbeck, *Institut de Medicina Predictiva i Personalitzada del Càncer*
"Fish and ChIPs – approaching the function of macroH2A"

12:00 **Roni Wright**

"Phosphorylation and PARylation: It takes two to transcribe"

12:30 **Eric Kallin**

"A role for Tet2-mediated hydroxymethylation in B cell to macrophage transdifferentiation"

13:00 lunch Break

SESSION III

14:00 Invited Speaker

Javier Buceta, *Parc Científic de Barcelona*
"Noise regulation in quorum sensing"

14:30 **Mireia Garriga**

"An Engineered Zinc Finger Protein: From Design to Gene Therapy"

15:00 **Alex Gomez-Marin**

"From sensory input and neural activity to motor output and back: closing the loop in Drosophila larva chemotaxis"

15:30 coffee break

SESSION IV

15:45 **Laure Saias**

"Drosophila Dorsal Closure as a model for Tissue Remodeling in response to Mechanical Stress"

16:15 **David Cruz Garcia**

"A new protein kinase D target on the Golgi complex"

16:45 Keynote Speaker

Suzanne Pfeffer, *Stanford University*
"Rab GTPase control of the Golgi complex"

17:45 Prize distribution for the collaborative research proposals and technology transfer projects