XXII CNB Scientific Workshop

Tuesday, 16 December 2014

(Chair: Carmen Castresana)

10:00 Luis Enjuanes: Human coronaviruses: Pathogenesis and protection

10:20 Maite Sanmartín: A phosphate out of place leads development astray

10:40 Dimitrios Balomenos: Distinct molecules regulate normal and autoimmune memory T cell responses and reveal novel strategies for disease treatment

11:00 José R. Castón: Cryo-electron microscopy at atomic resolution of viral macromolecular machines

Coffee break

(Chair: Carlos Martínez-A.)

12:00 José L. Carrascosa: X-ray cryo-microscopy: a new tool for structural and chemical analysis in cell biology

12:20 Esteban Veiga: Lymphocytes link adaptive and innate immunity

12:40 Mario Mellado: Unraveling receptor behaviour at the cell membrane

13:00 Daniel López: Exploring the existence of lipid rafts in bacteria

Lunch

(Chair: José María Carazo)

15:00 Miguel Vicente: There and back again: the reassembly of the ring

15:20 José Jesús Fernández: Visualizing subcellular architecture in 3D with electron tomography

15:40 Inés Antón: Actin regulatory proteins in protrusive structures: from dendritic spines to invadopodia

16:00 Javier Paz-Ares: Plant phosphate sensing and beyond
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(Chair: Víctor de Lorenzo)

10:00 Carlos Pedrós-Alió: Genes from the oceans: the case of proteorhodopsin


10:40 José Luis Martínez: Metabolic compensation of fitness costs associated to the acquisition of antibiotic resistance

11:00 Jacobo Aguirre: Modelling evolution: Tipping points in the genomic composition of populations induced by environmental changes

Coffee break

(Chair: Juan José Sanz)

12:00 Mariano Esteban: Poxvirus and vaccines

12:20 Isabel Mérida: Diacylglycerol kinases as pharmacological targets in cancer

12:40 Juan Carlos Alonso: ParAB partition dynamics in Firmicutes: nucleoid-bound ParA captures and tethers ParB-plasmid complexes

13:00 Juan Antonio García: Potyviral replication and host defence responses

Lunch

(Chair: Fernando Rojo)

15:00 Antonio Bernad: Cardiac stem cells: do they exist?

15:20 Carlos O. Sánchez-Sorzano: Information processing: from structural biology through biostatistics to bioinformatics

15:40 PhD student nº 1: Poster Award nº 1

15:50 PhD student nº 2: Poster Award nº 2