

VIII Workshop by CNB PhD Students

June 5th, 2023

@CNB Conference room

SESSION I Chair: Margarita Ferriz

10.00 **Susana de Lucas** - Presentation

10.15 **Alicia Lou**

Discovering complex phenotypes in *C. elegans*

10.30 **Julio César Aragón**

Plant-pathogen interaction in Plum pox potyvirus infections, and its influence over the host post-translational modification machinery

10.45 **Paula Carballeira**

Late developmental regulators of cortical neuron maintenance

11.00 **Héctor Olmeda**

Study of enzymes with nitroreductase activity in *Staphylococcus aureus*

11.15 **Federico P. de Isidro**

Algorithms for the automatic detection of alignment errors in cryo-electron tomography

11.30 **Francisco Javier Canalejo**

Underground metabolism empowers metabolic versatility expansion in *P. putida*

Coffee Break

SESSION II Chair: Alfonso Aguilera

12.15 **Javier Mendia**

Mimicking replication forks to study fork regression and DNA repair at the single molecule level through magnetic tweezer

12.30 **Gema Castillo**

TCP gene BRANCHED1 promotes ABA biosynthesis and responsiveness in axillary buds

12.45 **Juan José Sánchez**

Diacylglycerol kinases in the control of immune evasion in glioblastoma

13.00 **Silvia López**

The immune response of the activating NKG2D receptor and its impact in cancer

13.15 **Dario López**

Interferon alpha inducible proteins IFI6 and IFI27 counteract innate immune responses by interfering with RIG-I signalling

13.30 **Samuel García**

The organization of bacterial membrane microdomains is determined by specific flotillin-driven protein interactions

Lunch

WORKSHOP

Organizers:



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