

INSTITUTE FOR
INTEGRATIVE
SYSTEMS BIOLOGY

I²Sysbio seminar

Building & Expanding BE-I²SysBio

9:30 PRESENTACIÓN JORNADA

9:35- 11:00 PRIMERA SESIÓN DE CHARLAS

9:35 "Exploring the role of AMPs in the symbiosis in *Blattella germanica*" Carlos García-Ferris. Evolutionary Genetics.

9:50 "Directed evolution of gene circuits". Alfonso Jaramillo. *De Novo Synthetic Biology*

10:05 "Contributions of the Computational Synthetic Biology Group during our first year". Irene Otero-Muras

10:20 "Microbial Single-Cell Genomics Projects at I²SysBio" Maria Dzunkova. Microbial Single-Cell genomics.

10:35 "Redox Control of Metabolism in yeast" Agustin Aranda. Industrial Yeasts Biotechnology.

10:50 "Enveloped virus display wider host range than non-enveloped. But... how may they do it?". Ana Valero-Rello. Virus Experimental Evolution

BREAK 11:05-11:30

11:30 13:00 SEGUNDA SESIÓN DE CHARLAS

11:30 "Phage Therapy in Spain: from bench to bedside". Marco Pardo. Environmental and Biomedical Viruses.


11:45 "Exploring microbial communities in extreme environments" Nicolas Carlotto. Biotechnology and Synthetic Biology.

12:00 "Allosteric transcription factor-based biosensors for smart biomanufacturing" Pablo Carbonell

12:15 "Mutate or die: the life of RNA viruses". Ron Geller. Viral Biology

12:30 "Long reads sequencing technologies to study the diversity of the transcriptomes" Ana Conesa. Genomics of gene expression.

12:45 "Tracking successful mutations in SARS-CoV-2 using genomic epidemiology. Mireia Coscolla. Bacterial Pathogenomics.

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website: izsysbio.uv.es

I²SysBio is a joint research centre Universitat de València/CSIC

Partners: VLC-Campus, Biopolis SL

