

Ecology and evolution of antimicrobial resistance in bacteria

10/06/2022, 10:00h-14:00**

WORKSHOP

10:00-11:00 Julio Díaz-Caballero. University of Oxford.
Fine-scale evolutionary dynamics of infectious bacterial populations

11:00-11:20 Sara Hernando-Amado. CNB - CSIC.
Genetic background and evolutionary approaches to manage bacterial infections

11:20-11:40 Javier de la Fuente. CNB - CSIC.
Within-patient evolution of plasmid-mediated antimicrobial resistance

11:40-12:20 *Coffee Break*

12:20-12:40 Filipa Trigo da Roza. UCM.
An integron to detect other integrons: a tool to study the ecology of resistance cassettes

12:40-13:00 Sónia Castanheira. CNB - CSIC.
Niche adaptation drives antibiotic resistance in intracellular *Salmonella*

13:00-13:20 Paula Ramiro Martínez. IRYCIS.
Disentangling the effects of segregational drift and mutational supply on plasmid evolution

13:20-13:40 Sonia Aracil-Gisbert. IRYCIS.
Dynamics of the Intensive Care Unit ward microbiome



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Organisers: Sara Hernando-Amado and Álvaro San Millán

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