

Annual Workshop of the Department of Microbial Biotechnology @ CNB:
The Ecology and Evolution of Microorganisms
Friday June 9th, 2023

SCHEDULE

- 09:45 - 09:55 *Welcome, CNB Hall & Auditorium*
- 10:00 - 10:25 Alex Couce, CGBP
The evolution of fitness effects during long-term adaptation in bacteria
- 10:30 - 10:55 Magda San Roman, CNB
Exploring whether diversity begets diversity, using metabolic modelling
- 11:00 - 11:30 Rubén Torres, CNB
How Bacillus subtilis natural transformation shapes evolution

COFFEE BREAK

CNB Hall

- 12:00 - 12:30 Alberto Pascual, CNB
Prerequisites for the domestication of natural microbial communities
- 12:35 - 13:00 Ana Elena Perez-Cobas, IRYCIS
Ecology of the respiratory tract microbiome in pneumonia
- 13:00 - 13:25 Nacho Belda, UCM
Wine as a model system in Ecology and Evolution

LUNCH BREAK

CNB Hall

- 15:00 - 15:25 Beatriz Alvarez, CNB
Molecular evolution of proteins with the in vivo mutagenesis system T7-DIVA
- 15:30 - 15:55 Alicia Calvo-Villamañan, CNB
Using CRISPRi to study plasmid biology and cost
- 16:00 - 16:25 Jose Escudero, UCM
Promoter cassettes: an update on the working model of superintegrons
- 16:30 - *Parting Remarks*