

CBGP Junior Seminars Cycle, 2019-2020
First term
21st January 2020

- 10:00 Analysis of the adaptation of the endosymbiotic phase of *Rhizobium leguminosarum* sv. *viciae* to different hosts
Marta Ballesteros Gutiérrez. Associations Of Symbiotic Bacteria With Plants
- 10:30 Computational modeling identifies PRRs ectodomains recognizing glycan-based DAMPs/MAMPs activating Arabidopsis immune responses
Irene del Hierro García. Innate immunity of plants and resistance to necrotrophe fungi
- 11:00 Screening of suitable Nif proteins in eukaryots
Xi Jiang. Biochemistry of Nitrogen Fixation
- 11:30 **Coffe break**
- 12:15 Genetic variation and population structure of a plant virus in a heterogeneous environment
Adrián Peláez Laderas. Plant-virus coevolution and interaction
- 12:45 (Invited post-doc)
Engineering and predicting microbiomes with Artificial Intelligence
Beatriz García Jiménez. Biological Informatics
- 13:00 ERECTA and YODA regulate a non-canonical immune pathway that is mediated by DAMPs
Julio Téllez de Pablos. Innate immunity of plants and resistance to necrotrophe fungi
- 13:30 (Invited post-doc)
B. rapa epigenomics data analysis; or how to integrate FAIR Principles into scientific publications
Miriam Payá. Biological Informatics
- 13:45 **Closure**

CBGP Seminars room