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TRAINING SCHOOL

Isolation and identification of grapevine fungal trunk pathogens

COST ACTION – FA 1303
VALENCIA, June 13 th - 17 th, 2016



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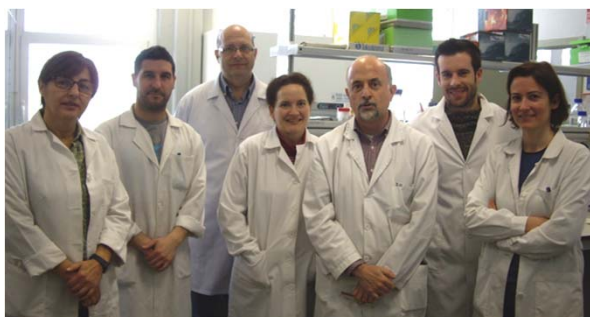
LOCAL ORGANIZER

► Dr. Josep Armengol

Instituto Agroforestal Mediterráneo, Universitat Politècnica de València, Valencia (Spain).

-Dr. Paloma Abad-Campos
-Dr. Maela León
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-José Manuel Rodríguez
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-Antonio Ramón-Albalat





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INVITED LECTURERS

▶ Dr. Artur Alves

Departamento de Biologia & CESAM, Universidade de Aveiro, Aveiro (Portugal).

▶ Dr. David Gramaje

Instituto de Ciencias de la Vid y el Vino, Logroño (Spain).



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PATHOGENS

▶ Petri and Esca disease: *Phaeomoniella chlamydospora*, *Phaeoacremonium spp.* and *Cadophora luteo-olivacea*

▶ Botryosphaeria dieback: *Botryosphaeriaceae spp.*

▶ Eutypa dieback: *Eutypa lata* and other *Diatrypaceae spp.*

▶ Black foot: *Cylindrocarpon spp.*, *Ilyonectria spp.*, *Dactylonectria spp.* and *Campylocarpon spp.*

▶ Basidiomycetes: *Fomitiporia mediterranea* and *Stereum hirsutum*



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TECHNIQUES

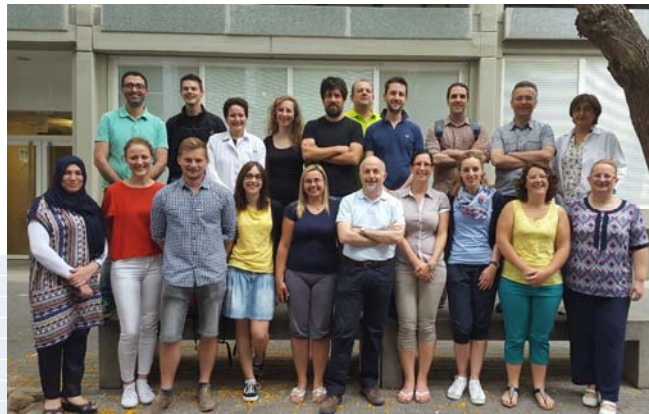
- ▶ Culture media preparation
- ▶ Fungal isolation
- ▶ Induction of sporulation
- ▶ Microscope observation and morphological characterization
- ▶ DNA extraction
- ▶ DNA sequencing
- ▶ Sequence editing, blast and phylogeny



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PARTICIPANTS

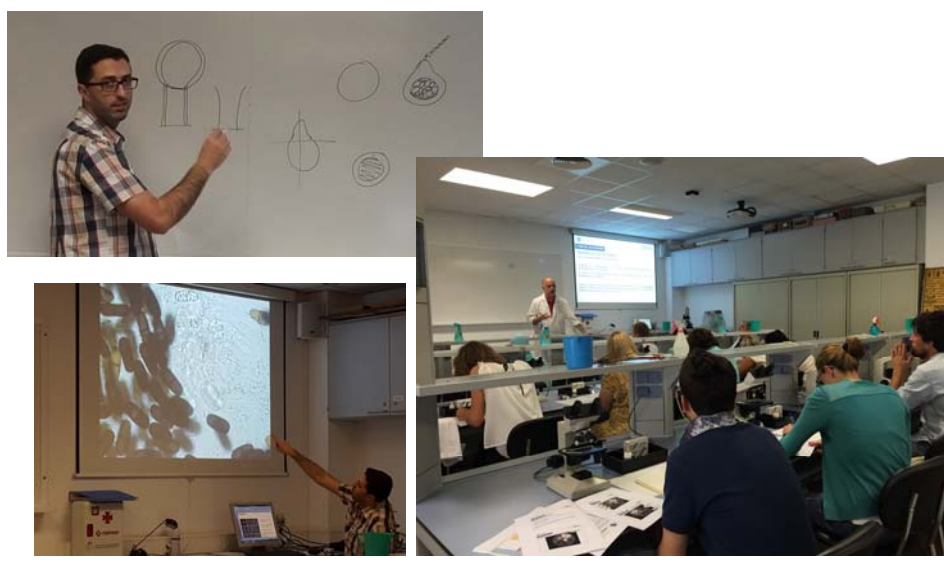


Aleš Eichmeier	Check Republic
Alice Delbianco	Italy
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Carmen Berlanas	Spain
Csilla Kovács	Hungary
Davut Soner Akgül	Turkey
Enrico Battiston	Italy
Jakub Pecenka	Check Republic
Jelena Latinovic	Montenegro
Jorge Sofia	Portugal
Kristina Diklic	Croatia
Lydia Ludwig	Germany
Marco Nocentini	Italy
Marion Sineux	France
Wassila Aigoun	Algeria

Sessions on classical fungal isolation and identification



Sessions on classical fungal isolation and identification

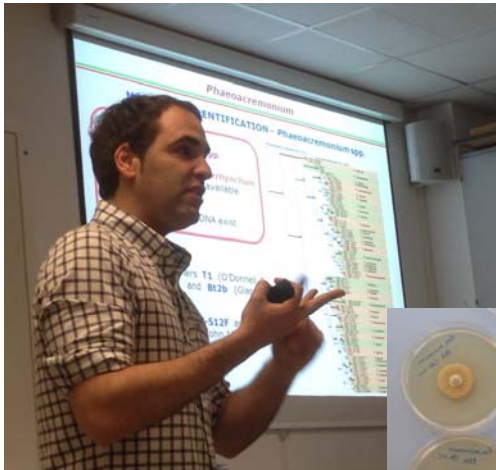




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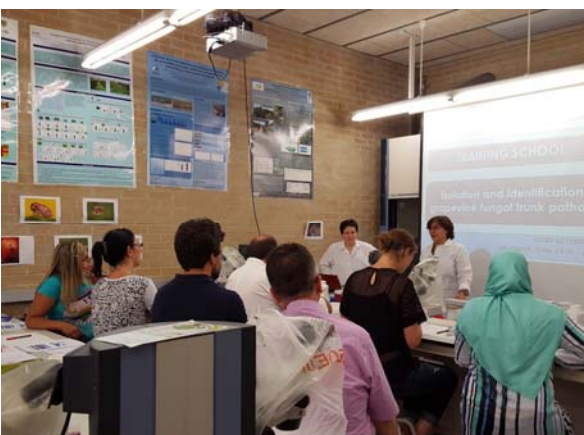
Sessions on classical fungal isolation and identification



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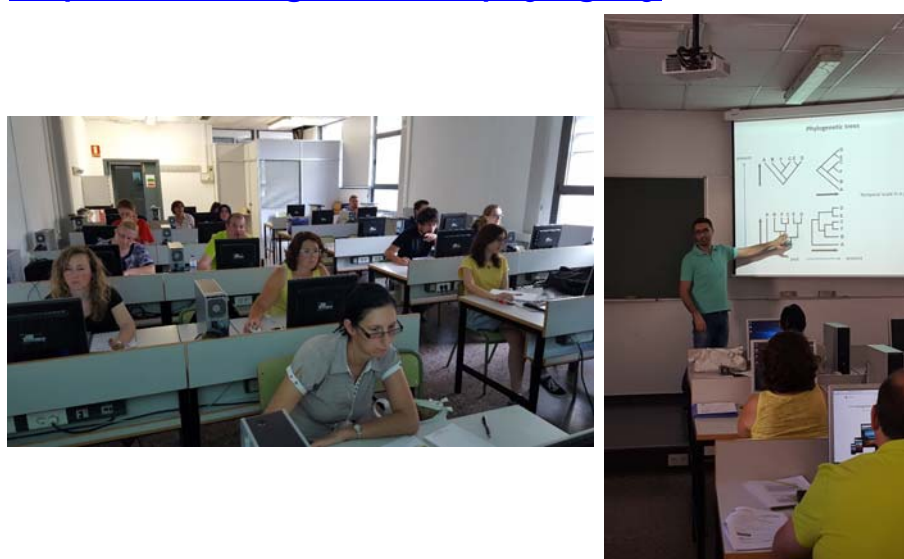
Sessions on molecular techniques



Sessions on molecular techniques



Sequence editing blast and phylogeny





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