



**Meeting WG 1 & 2 of COST Action FA 1303
Budapest, Hungary, 26th -27th February, 2015**

**Chair: Fontaine, F., University of Reims Champagne-Ardenne, Fr
Vice-Chair: Armengol, J., Polytechnic University of Valencia, Sp**



SCIENTIFIC PROGRAMME
Budapest, February 25-27 2015

Wednesday, February 25th, 2015

19:30 – Welcome dinner

Thursday, February 26th, 2015

8:30 – Welcome to participants – Kálmán Z. Váczy

9:00 – 9:15 Florence Fontaine "Network for the exchange and transfer of innovative knowledge between European wine-growing regions to increase the productivity and sustainability of the sector" ISIB2 project aims and connections to COST FA1303

9:15 -11:10 – Morning Session1: Session Chair – Florence Fontaine

Pathogen characterization, detection and epidemiology

9:15 – invited speaker Oliver Zekri MYCORRAY:

A DNA microarray tool for the early, reliable and simultaneous identification of the 11 most relevant grapevine trunk fungi responsible for GTD (namely Eutypa dieback, Esca disease, Botryosphaeria canker and dieback and Black Foot disease).

9:45 – David Gramaje and Phillipe Larignon:

Epidemiology of GTDs: unraveling the main pathogens life cycle

10:10 – Lucia Guerin:

First survey of the epidemiology study of GTD in Europe

10:30 – David Gramaje:

Presentation of the questionnaire for the nursery survey

10:40 – Discussion

11:00 –11:20 – Coffee-break

11:20-12:10 – Morning Session 2: Session Chair – Patrice Rey

Microbial ecology

11:20 – Patrice Rey:

The first training school

11:40 – Emilie Bruez:

Bacterial niches in woody tissues of grapevine subjected to esca disease described by the Double labeling of Oligonucleotide Probes for Fluorescence In situ Hybridization (DOPE-FISH) approach

12:00 – David Ezra:

Vine trunk diseases in Israel: current state

12:20 – Discussion

12:40 – 14:30 – Lunch

14:30 – 17:00 Afternoon Session:

ManaGTD Round Tables

Table 1 – Pathogen Characterization and Pathogen detection

Round table Chair – James Woodhall

Topics:

1. Create an inventory of pathogens + identify the most important for further research
2. Create an inventory of cultures help in EU labs
3. Develop standard test conditions to determine the aggressiveness of individual GTD's agents
4. Develop a set of diagnostic protocols for identification/detection of GTDs
5. Characterization of the GTDs agents life cycle according to climatic conditions, identification of the sources of inoculum and the way of penetration into plant to optimize the disease management

Table 2 – Pathogen epidemiology

Round table Chair – Laura Mugnai & Lucia Guérin-Dubrana

1. Surveys to assess the presence and spread of the different GTDs in Europe
2. Multi-site evaluation trials
3. Alternative tools for spatial distribution analysis
4. Databases for prediction models

Table 3 – Inventory of microflora and identification of beneficial microorganisms

1. Round table Chair – Patrice Rey

2. Studying microbial communities colonizing wood tissues: plants sampled in different countries
3. Sampling of vines over time
4. Interactions between microorganisms
5. Wood : a source of potential biocontrol agents

17:00 – Closing

Friday, February 27st, 2015

9:00-12:30 – Morning Session 1: Session Chair – James Woodhall, Laura Mugnai & Lucia Guérin-Dubrana, Patrice Rey

9:00 – Synthesis of Round Table 1 - Pathogen Characterization and Pathogen detection

9:30 – Synthesis of Round Table 2 - Pathogen epidemiology

10:00-10:20 – Coffee-break

10:20 – Synthesis of Round Table 3 - Inventory of microflora and Identification of beneficial microorganisms

10:50 – Discussion

11:30 – End of the meeting - Florence Fontaine and Erzsébet Karaffa