Phytoplasmas, insect vector symbionts and plant endophytes

March 5, 2012

09:00 – 09:15 Official welcome
Assunta Bertaccini, Piero Attilio Bianco and Daniele Daffonchio

9:15-10:40 Session 1
Phytoplasmas between symbiosis and virulence  
Chair A. Bertaccini

9:15-10:00 Saskia Hogenhout (United Kingdom)
Genomes of phytoplasmas: virulence or symbiosis?

10:00-10:40 Michael Kube (Germany)
Genome analysis: from sequence to protein function

10:40-11:00 Coffee Break

11:00-12:50 Session 2
Microbial symbiosis in insects  
Chair P. Weintraub

11:00-11:40 Claudio Bandi (Italy)
Microbial symbiosis in insects: General aspects and the Rickettsiales model

11:40-12:10 Daniele Daffonchio (Italy)
Acetic acid bacteria, an emerging group of symbionts of sugar-feeding arthropods

12:10-12:30 Wolfgang Jarausch (Germany)
Symbionts and endophytes in activities of COST FA0807 WG3
12:30-12:50 Barbara Jarausch (Germany)
Symbionts and endophytes in activities of COST FA0807 WG2

12:50-14:00 Lunch

14:00-15:45 Session 3
Symbionts in phytoplasma insect vectors and their transmission  Chair D. Daffonchio

14:00-14:30 Yupa Hanboonsong (Thailand)
Bacteria symbionts in vectors of sugarcane white leaf disease.

14:30-14:55 Elena Gonella & Alberto Alma (Italy)
The insect symbionts of insect vectors of phytoplasmas to grapevine

14:55-15:20 Phyllis Weintraub (Israel)
Symbiotic bacteria associated with vectors of phytoplasma in carrots

15:20-15:45 Noura Raddadi (Italy)
“Candidatus Liberibacter europaeus”, a novel microorganism associated with Cacopsylla spp.: a symbiont, a potential pathogen or an endophyte?”

15:45-16:00 Coffee Break

16:00-17:40 Session 4
Towards novel disease control strategies  Chair P. A. Bianco

16:00-16:40 Stéphane Compan (France)
Overview of endophytic bacteria (niches of colonization and biocontrol activities)

16:40 17:10 Daniela Bulgari, Paola Casati, Piero Attilio Bianco (Italy)
Endophytes and recovery from grapevine yellows disease

17:10-17:25 Simone Grisan (Italy)
Fungal endophytic community of grapevine: methodological study and practical approaches

17:20-17:40 Rachele Polizzotto (Italy)
Polyphasic approach for the characterization and the study of fungal endophytes: the case of Alternaria

17:40-17:45 Carolin Schneider (Germany)
Presentation of COST Action FA1103: ‘Endophytes in biotechnology and agriculture’

17:45-18:30 Discussion and closing remarks
Technical information

The meeting is with no registration fees but participants must communicate their attendance before February 29, 2012 by e-mail to

Prof. Piero Bianco: piero.bianco@unimi.it
and
Dr. Stefania Prati: stefania.prati@unimi.it

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