

COST FA0807 Workshop Phytoplasmas in fruit trees: multidisciplinary approaches toward disease management

09:00 - 09:15 Introduction by COST FA0807 – Chair A. Bertaccini

09:15 – 10:00 Invited lecture

K. Oshima - Global gene expression analysis of phytoplasma in the host switching between plant and insect

10:00 - 11:45 WG1 – Chairs: B. Duduk and J. Franova

10:00 – 10:15 Introduction of WG1 by WG leaders

10:15 - 10:25 Detection and identification of a phytoplasma affecting blackcurrant and redcurrant shrubs - Y. Arocha, V. Agrawal, J. Scott, A. Bertaccini and R. Michelutti

10:25 - 10:35 Molecular polymorphism in phytoplasmas infecting peach trees in Serbia – B. Duduk, A. Bertaccini, M. Mitrovic, S. Paltrinieri, N. Contaldo

10:35 - 10:40 Serological proofs for relatedness of phytoplasmas belonging to apple proliferation group – P.G. Ploaie, C. Chireceanu

10:40 - 10:50 Multilocus gene analyses of ‘*Candidatus Phytoplasma mali*’ confirms the genetic diversity of phytoplasma population in the Czech Republic - J. Fránová, H. Ludvíková, F. Paprštejn, A. Bertaccini

10:50 - 11:00 Early and reliable detection of European stone fruit yellows phytoplasma in peach trees - J. Polák, J. Salava, P. Komínek and J. Svoboda

11:00 – 11:30 Coffee break

11:30 - 11:35 Detectability of phytoplasmas in naturally infected *Picea* and *Pinus* spp. trees by PCR – M. Kamińska, H. Berniak, A. Kościelak

11:35 – 11:40 First occurrence of pear decline disease in Portugal – E. Sousa, A. Marques, C. Mimoso, F. Cardoso

11:40 – 11:50 Survey for apple proliferation presence in orchards close to nurseries in Norway in 2011 – D.R. Blystad, B. Toppe, M.A. Holst, M.B. Brurberg

11:50 - 13:00 WG4 – Chairs: X. Foissac and S. Hogenhout

11:50 – 12:20 Update of Phytoplasma Genome Sequencing Initiative (PGSI): fruit trees phytoplasmas – S. Hogenhout, M. Kube and X. Foissac

12:20 - 12:30 Evidence for ‘*Ca. P. pyri*’ and ‘*Ca. P. prunorum*’ inter-species recombination – G. Balakishiyeva, J.L. Danet, A. Mammadov, A. Batlle, A. Laviña, I. Huseynova and X. Foissac

12:30 - 12:40 Enrichment of phytoplasma DNA by selected oligonucleotides and PHI 29 polymerase amplification – C. Siewert, J. Mitrovic, B. Duduk, J. Hecht, K. Mölling, F. Bröcker, P. Beyerlein, C. Büttner, A. Bertaccini, M. Kube

12:40 - 12:50 Genetic diversity, membrane topology and relationship to virulence of the AAA+ ATPases and HflB proteases of ‘*Candidatus Phytoplasma mali*’ - E. Seemüller, S. Sule, W. Jelkmann, M. Kube, B. Schneider

12:50 - 13:00 Transcriptome analysis of *Vitis vinifera* cv. Chardonnay infected with GLRaV 3 and Aster yellows phytoplasma in a South African vineyard – M.C. Solofoharivelo, M.C. Snyman, A. Van der Walt, D. Stephan, M.J. Freeborough, J.T. Burger and S. Murray

13:00 – 14:30 Lunch



14:30 – 15:10 WG2 – Chairs: B. Jarausch and N. Sauvion

14:30 – 14:40 Introduction of WG2 by B. Jarausch

14:40 - 14:50 Summary of questionnaire data for the presence of phytoplasma diseases and their putative vectors through Europe and Middle East – *R. Tedeschi, D. Delić, B. Jarausch, P.G. Weintraub*

14:50 - 15:00 Psyllid vectors of the AP group (16SrX) phytoplasmas in Turkey - *Ç.U. Serçe, K. Kaya, M Gazel, K. Çağlayan, N. Sauvion*

15:00 - 15:10 Degree of specificity among the psyllid-phytoplasma interactions and consequences in epidemiology - *N. Sauvion*

15:10 – 15:50 WG3 – Chairs: W. Jarausch and E. Torres

15:10 - 15:20 Phytoplasmas associated with Apricot chlorotic leafroll disease – *N. Contaldo, J. Mitrovic, S. Paltrinieri, B. Duduk, A. Bertaccini*

15:20 - 15:30 Almond witches' broom phytoplasma, officially declared as a regulated pest in Lebanon – *Y.A. Jawdah, M. Molino-Lova, P.A. Bianco, E. Choueiri, S. Hajj-Hassan, L. Haydar and R. Al Achi*

15:30 - 15:40 Monitoring distribution of fruit tree phytoplasmas in Bulgaria from 2007 until 2011 – *A. Etropolska and M. Laginova*

15:40 - 15:50 Induction of defense genes in apple leaf tissues by an endophytic strain of *Epicoccum nigrum* and its possible use in the control of the apple proliferation disease – *K. Farhan, S. Grisan, R. Polizzotto, F. de Marco, P. Ermacora, R. Musetti*

15:50 - 17:00 Joint round table WG2 and WG3

