

Detailed program

Wednesday 9th March 2016

18:00-20:00 Welcome reception, Federal College and Research Institute for Viticulture and Pomology, Koststube

Thursday 10th March 2016

8:30 - 9:00 Registration and poster set up

9:00 - 9:30 Opening addresses

9:30 -11:10 **Session 1: Epidemiology of ‘*Candidatus Phytoplasma solani*’**

Chair: Assunta Bertaccini

Oral presentations:

The role of *Vitex agnus-castus* and associated *Hyalesthes obsoletus* in the epidemiology of *Bois noir* in Mediterranean vineyards. Andrea Kosovac, Sanja Radonjić, Snježana Hrnčić, Oliver Krstić, Ivo Toševski, Jelena Jović

Status of Bois Noir phytoplasma in Turkey. Filiz Ertunc, Didem Canik Orel, Serife Bayram, Gokhan Soylemezoglu

Elucidation of '*Candidatus Phytoplasma solani*' epidemiology through trac(k)ing transmission pathways using field, experimental and molecular data. Andrea Kosovac, Oliver Krstić, Miljana Jakovljević, Tatjana Cvrković, Milana Mitrović, Ivo Toševski, Jelena Jović

Analysis of Bois noir epidemiology in Austrian vineyards by molecular characterization of ‘*Candidatus Phytoplasma solani*’ strains. Monika Riedle-Bauer, Günter Brader, Robert Hack

Epidemiology of '*Candidatus Phytoplasma solani*' associated with potato stolbur disease in Serbia. Milana Mitrović , Miljana Jakovljević , Jelena Jović, Oliver Krstić , Andrea Kosovac, Valeria Trivellone, Ivo Toševski, Tatjana Cvrković

11:10 - 11:30 Coffee break

11:30 - 12:30 **Session 2: Vectors of ‘*Candidatus Phytoplasma solani*’**

Chair: Jes Johannesen

Oral presentations:

Prevalence of Stolbur phytoplasma in leafhoppers and planthoppers collected in vineyard, corn and potato fields and their surroundings in Switzerland. Valeria Trivellone, Mauro Jermini, Jelena Jović, Tatjana Cvrković, Miljana Jakovljević, Andrea Kosovac, Oliver Krstić, Ivo Toševski, Milana Mitrović

Is *Hyalesthes obsoletus* a species complex undergoing cryptic speciation? More evidence of host-associated genetic differentiation in Southeast Europe. Andrea Kosovac, Jes Johannesen, Oliver Krstić, Milana Mitrović, Tatjana Cvrković, Ivo Toševski, Jelena Jović

Potential role of *Reptalus panzeri* as a vector of Bois noir in Germany.

Friederike Lang, Maria Kölber, Rita Elek, Yvonne Kappel, Dunja Kröhner, Jes Johannesen, Michael Maixner

- 12:30 - 13:00 Poster Session (short oral presentations)
- 13:00 - 14:30 Lunch at the Federal College and Research Institute for Viticulture and Pomology
- 14:30 - 16:30 Guided bus tour to Vienna City center
- 16:30 - 17:30 Free time at Vienna city centre
- 17:30 - 19:00 Technical tour to Schlumberger Kellerwelten (sparkling wine cellar), departure by bus from Vienna city centre
- 19:00 - 22:00 Conference dinner at Schlumberger Kellerwelten at the invitation of Federal Minister Andrä Rupprechter

Friday 11th March 2016

9:00-10:40 Session 3: Characterization of '*Candidatus Phytoplasma solani*'

Chair: Xavier Foissac

Oral presentations:

***Stamp* gene as the highly discriminative marker for assessment of BN variability in Croatia.** Jelena Plavec, Željko Budinščak, Ivana Križanac, Dijana Škorić, Martina Šeruga Musić

New '*Candidatus Phytoplasma solani*' strains associated with bois noir disease in *Vitis vinifera* L. cultivars in Georgia. Fabio Quaglino, David Maghradze, Paola Casati, Nona Chkhaidze, Osvaldo Failla, Piero Attilio Bianco

Multigene characterization of '*Candidatus phytoplasma solani*' strains infecting pepper, celery and maize in Bosnia and Herzegovina. Duška Delić, Nicoletta Contaldo, Biljana Lolić, Đorđe Moravčević, Drago Milošević, Assunta Bertaccini

Multilocus sequence analysis as a powerful tool to monitor molecular epidemiology of '*Candidatus Phytoplasma solani*' at vineyard scale. Sergio Murolo, Gianfranco Romanazzi

Characterization of '*Candidatus phytoplasma solani*' strains from grapevines, *Hyalesthes obsoletus*, reference strains in periwinkle and in colonies. Nicoletta Contaldo, Yuri Zambon, Samantha Paltrinieri, Nicola Mori, Jelena Mitrovic, Bojan Duduk, Assunta Bertaccini

10:40 - 11:00 Coffee break

11:00 - 12:00 Session 4: Plant pathogen interactions and control strategies

Chair: Gianfranco Romanazzi

Oral presentations:

Metabolome of grapevine leaf vein-enriched tissue infected with 'Candidatus Phytoplasma solani'. Nina Prezelj, Lena Fagner, Wolfram Weckwerth, Marina Dermastia

Impact of Bois noir disease on grapevine performance and wine quality of *Vitis vinifera* L. cv. 'Chardonnay' in Hungary. Ibolya Ember, Péter Bodor, Zsolt Zsófi, Xénia Pálfi, Szabolcs Villangó, Zita Pálfi, Márta Ladányi, György Pásti, András Szekeres, Ottó Bencsik, Tamás Deák, Borbála Bálo, László Palkovics, Xavier Foissac, Jacobus Johannes Hunter, György Dénes Bisztray

Strain dependent symptoms and expression of stolbur phytoplasma genes in the host. Günter Brader, Amal Aryan, Elisabeth Wischnitzki, Monika Riedle-Bauer

12.00 - 12:40 General discussion: **The future of 'Candidatus Phytoplasma solani' research**

Moderator: *Michael Maixner*

12:40 - 13:00 Conclusions of the meeting

13:00 - 14:30 Lunch at the Federal College and Research Institute for Viticulture and Pomology

14:30-16:00 Guided tour at Klosterneuburg Monastery

Posters

First Report of 'Candidatus phytoplasma solani' in Sunflower in Bulgaria. Zhelyu Avramov, Jelena Stepanović, Dora Panajotova, Mariana Laginova, Bojan Duduk

Towards a *de novo* genome assembly of *Hyalesthes obsoletus* (Cixiidae) of the stinging nettle host-race. Jes Johannesen, Michael Maixner, Hanno Schmidt

Preliminary results on putative vectors of 'Candidatus Phytoplasma solani' in Bois noir-affected vineyards in Franciacorta (Lombardy Region, North Italy). Francesco Sanna, Fabio Quaglino, Silvia Filisetti, Paola Casati, Monica Faccincani, Piero Attilio Bianco, Nicola Mori

Microbiomes of the "Candidatus Phytoplasma solani" vectors *Hyalesthes obsoletus* Signoret isolated from different host plants. Julien Chuche, Jean-Luc Danet, Sébastien Theil, Xavier Foissac, Denis Thiéry, Nathalie Arricau-Bouvery

Heterologous expression and antigenicity of Antigenic Membrane Proteins STAMP from different 'Candidatus Phytoplasma solani' genetic clusters. Ibolya Ember, Delphine Desque, Jean-Luc Danet, Marie-Pierre Dubrana, Sybille Duret, Laure Beven, László Palkovics, György Dénes Bisztray, Xavier Foissac

Evaluation of Effective Microorganisms® efficacy on 'Candidatus Phytoplasma solani'-infected and healthy periwinkle plants. Simon Pierce, Fabio Quaglino, Matteo Montagna, Alberto Spada, Paola Casati, Marcello Iriti