

COST 863 Small Group Meeting (SGM)

Activity of WG 2+3 <http://www.euroberry.it/>
Approved by the COST 863 MC

Organizer: Prof. J. Spak, Biology Centre CAS, Czech Republic

Title: **“Emerging virus and virus-like diseases in berryfruits in Europe and outside of Europe”**

Place and date: 6 July 2009

Within the 21st "International Conference on Virus and other Graft Transmissible Diseases of Fruit Crops" in Neustadt an der Weinstrasse, Germany 2009, 5 - 10. July,

The 1 day meeting will cover virus-like organisms in berries and will be open to all participants of the symposium. The organizers of the International Conference (prof. Jelkmann and prof. Krczal) agreed to involve the SGM into the programme of this triennial Conference. The conference provides a unique opportunity for the meeting of experts in this field world-wide. This is of particular importance as the Rubus and Ribes Symposium originally planned for Serbia was postponed to 2011.

Aim:

- 1) Review current virus-like pathogens recorded in Europe and in the world and being threat to European berry industry
- 2) Define research topics and collaboration possibilities
- 3) Support declining number of labs dealing with small-fruit virus-like pathogens in Europe

Programme:

6. July 2009	Monday
8:30 – 9:30	REGISTRATION, Poster setup
9:30 – 10:30	OPENING SESSION
Conveners	
Gabi Krczal & Wilhelm Jelkmann, Hans Georg Löffler, Major of Neustadt	
10:30 – 11:15	COST 863 „Euroberry“ SGM Poster session I
11:15 – 11:45	BREAK
11:45 – 12:30	Next Generation Sequencing offers new perspectives in Comparative Genomics of plant associated Bacteria Michael Kube, Max Planck Institute for Molecular Genetics, Ihnestr. 63, 14195 Berlin, Germany
12:30 – 13:30	LUNCH
13:30 – 14:15	COST 863 „Euroberry“ SGM Poster session II

ORAL SESSION I
Viruses & Phytoplasmas in Small Fruit Crops in Association with COST 863 „Euroberry“

Chair: S. MacFarlane & R.R. Martin	
14:15 – 14:30	Elucidation of the Roles of Blackcurrant reversion virus and Phytoplasma in the Etiology of Full Blossom Disease in Currants Spak Josef ¹ , Kubelkova Darina ¹ , Pribylova Jaroslava ¹ , Spakova Vlastimila ¹ , Petrzik Karel ¹ ¹ Biology Centre v.v.i., Institute of Plant Molecular Biology, Academy of Sciences
14:30 – 14:45	Association of Tomato Ringspot Virus, Tobacco Ringspot Virus and Xiphinema americanum with a Decline of Highbush Blueberry in New York Fuchs, Marc ¹ ¹ Cornell University, Department of Plant Pathology, 630 W. North Street, Geneva, NY 14456, USA
14:45 – 15:00	A new member of the family Reoviridae may contribute to severe crumbly fruit in 'Meeker' red raspberry Quito, Diego ¹ , Jelkmann, Wilhelm ² , Alt, Simone ² , Leible, Svenja ² , Martin, Robert, R. ³ ¹ Dept. of Botany and Plant Pathology, Oregon State University, Corvallis, OR 97330 USA ² Julius Kuhn-Institut, Institute for Plant Protection in Fruit Crops and Grapevine, Dossenheim, Germany ³ USDA-ARS HCRL, 3420 NW Orchard Ave., Corvallis, OR 97330 USA
15:00 – 15:15	Biology of Cixius wagneri the planthopper vector of 'Candidatus Phlomobacter fragariae' in strawberry production tunnel, and its consequence on the epidemiology of strawberry marginal chlorosis Salar Pascall ¹ UMR-1090, INRA et Université de Bordeaux 2, BP81, F-33883, Villenave d Ornon , France
15:15 – 15:30	Production of antisera and evaluation of serology-based techniques for the detection of Blackcurrant reversion virus James, Delano ¹ , Croft, Heather ¹ , Malinowski, Tadeusz ² , Reed, Christopher ¹ ¹ Sidney Laboratory, CFIA, 8801 East Saanich Road, Sidney, BC, V8L 1H3 ² Research Institute of Pomology and Floriculture, Pomologiczna 18, 96-100 Skierniewice, Poland
15:30 – 15:45	Molecular diagnostics for the detection of strawberry viruses in Australia F.E. Constable ¹ , C. Bottcher ¹ , G. Kelly ¹ , M. Milinkovic ¹ , D.M. Persely ² , B.C. Rodoni ¹ ¹ Department of Primary Industries, Knoxfield, Private Bag 15 Ferntree Gully Delivery Centre, Victoria 3156, Australia ² Department of Primary Industries and Fisheries, 80 Meiers Rd, Indooroopilly 4068, Queensland, Australia
15:45 – 16:15	BREAK
16:15 – 16:30	Detection of phloem restricted bacteria responsible of strawberry marginal chlorosis (SMC) by realtime PCR in a single assay Fimbeau Sébastien ¹ ¹ Hortis Aquitaine, Maison Jeannette, F-24140, Douville, France
16:30 – 16:45	Sequencing studies for the identification and characterization of new and old Rubus viruses Stuart MacFarlane ¹ , Wendy McGavin ¹ ¹ Plant Pathology Programme, SCRI, Invergowrie, Dundee DD2 5DA, Scotland

16:45 – 17:10	Emerging strawberry virus and virus-like diseases in the world. I. Tzanetakis, Univ. Arkansas, USA.
17:10 – 17:30	Viruses and virus-like diseases in blueberry. R. Martin, USDA, Corvallis, USA.
17:30 – 18:00	BREAK
18:00 – 20:00	COST 863 Small Group Meeting (SGM) “Emerging virus and virus-like diseases in berryfruits in Europe and outside of Europe”
Chair: J. Spak Presentations and General discussion Current and emerging virus-like problems in berry crops in Europe and outside of Europe – <i>Fragaria, Rubus, Ribes</i> and <i>Vaccinium</i>. J. Spak and short reports by the participants 3-5 PowerPoint slides. Potential risk of whitefly transmitted viruses in berry crops in Europe. R. Martin, I. Tzanetakis EPPO List of quarantine virus and virus like diseases in European berries. W. Jelkmann, G. Jongedijk - members of the EPPO panel.	

POSTER PRESENTATIONS

P - 1	First survey on blueberry viruses and phytoplasma in the Czech Republic Spak Josef ¹ , Kubelkova Darina ¹ , Pribylova Jaroslava ¹ , Spakova Vlastimila ¹ , Petrzik Karel ¹ ¹ Biology Centre, Institute of Plant Molecular Biology, Czech Academy of Sciences, Branisovska 31, 370 05 Ceske Budejovice, Czech Republic
P - 2	Tomato ringspot nepovirus (ToRSV) in wild blackberry (<i>Rubus fruticosus</i> L.) In Hatay province of Turkey Sertkaya, Gülsen ¹ ¹ Department of Plant Protection, Faculty of Agriculture, University of Mustafa Kemal, 31034 Antakya/Hatay/Turkey
P - 3	Detection of Blueberry red ringspot virus in highbush blueberry cv. Coville Mavric Plesko Irena ¹ , Virscek Marn Mojca ¹ , Koron Darinka ¹ ¹ Agricultural Institute of Slovenia, Hacquetova 17, Ljubljana, Slovenia
P - 4	Comparison of Raspberry bushy dwarf virus isolates from Hungary and Slovenia Virscek Marn Mojca ¹ , Mavric Plesko Irena ¹ , Gorsek Janja ¹ , Klára Nyerges ² , Lázár János ³ , Ágnes Tökés ⁴ ¹ Agricultural Institute of Slovenia, Hacquetova 17, 1001 Ljubljana, Slovenia ² Agricultural Office of County Fejér, Plant Protection and Soil Conservation Directorate, Orszag ut 23, 2481 Velence, Hungary ³ Research Institute for Viticulture and Enology, Miklostelep, Urihegy 5/A, 6000 Kecskemet, Hungary ⁴ Central Agricultural Office, Keleti Károly u. 24, 1024 Budapest, Hungary
P - 5	Occurrence of small fruit viruses in Belarus Valasevich Natalia ¹ , Kolbanova Elena ¹ ¹ Kovalev str., 2, Samokhvalovichi, Minsk reg., 223013, Belarus.
P - 6	Virus survey in strawberry production fields in the United States and Canada Martin, Robert, R.1, Tzanetakis, Ioannis, E.2 ¹ USDA-ARS HCRL, 3420 NW Orchard Ave., Corvallis, OR USA 97330 ² Department of Plant Pathology, University of Arkansas, Fayetteville, AR, USA 72701
P - 7	Infectious agents associated whit strawberry decline in Italy Ratti, Claudio ¹ , Terlizzi, Federica ¹ , Credi, Rino ¹ , Pisi, Annamaria ¹ , Babini, Anna Rosa ² , Vicchi, Valerio ² , Rubies Autonell, Concepcion ¹ ¹ DISTA - Plant Pathology, University of Bologna, Via G. Fanin, 40 - 40127 Bologna, Italy. ² Servizio Fitosanitario Regionale, SFR, Regione Emilia Romagna, Bologna, Italy.
P - 8	Characterisation of mixed virus infections in <i>Ribes</i> species in Switzerland Besse, Sébastien ¹ , Gugerli, Paul ¹ , Ramel, Maria-Elena ¹ , Balmelli, Carole ¹ ¹ Swiss Federal Research Station of Agroscope Changins-Wädenswil ACW, Department of Virology, CH-1260 Nyon 1, Switzerland

The SGM will be open to all participants of the international conference.

Number of participants with talks and posters 18

Invited expert speakers 3

Total number of reimbursed participants 18 see attached xls file.