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The 24th International Conference on Virus and Other Graft Transmissible Diseases of Fruit Crops

5-9 June, 2017, Thessaloniki Greece

Organizing Committee

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Welcome to the 24th International Conference on Virus and Other Transmissible Diseases of Fruit Crops (ICVF)

Dear Colleagues,

It’s been almost 30 years since the 14th ICVF Conference was held in Thessaloniki. The organizing committee is excited and honored to welcome you to the 24th ICVF Conference from June 5th-9th. In this meeting participants from 28 countries will gather to our beautiful city to present their intriguing research on viruses and virus diseases of fruit crops.

In addition to the technical presentations we have included in the program a workshop on clean plant movement “Transport of plant propagation material through borders and the production of high quality (virus-tested) propagative material of fruit trees and small fruits”. During the workshop individuals from seven countries will share their experiences and discuss their ideas along with the other participants about the future. We will continue with a round table on the status quo and the role of NGS in certification and quarantine.

The organizing committee would like to thank all of you for attending the 24th ICVF Conference. Special thanks go to the invited speakers for accepting our invitation to present state-of-the-art talks on a pressing subject matter.

We hope you will enjoy the meeting, the beauty and the culture of Thessaloniki, the capital of Greek Macedonia. Keep in mind that we are here to help you enjoy both the Conference and Greek life.

Nikolaos Katis
Convener of the 24th ICVF and
Members of the Organizing Committee
We sincerely thank the sponsors of the 24th International Conference on Virus and other Graft Transmissible Diseases of Fruit Crops.

Sponsorship
Scientific Program of ICVF 2017
Thessaloniki 5-9 June

**Sunday, 4 June**

17:30-19:30 Registration and poster hanging

19:30-20:00 Invited lecture: A. Molassiotis (Aristotle University of Thessaloniki, School of Agriculture, Pomology Laboratory, Greece) “Fruit tree cultivation and production in Greece: present status and future prospects”

20:00 Welcome drink-Greek wine presentation and tasting

**Monday, 5 June**

08:00-09:00 Registration and poster hanging

09:00-09:20 Meeting opening/ Welcome by the Convener N.I. Katis and the Dean of Faculty of Agriculture, Forestry and Natural Environment D. Koveos

09:20-09:50 Invited lecture: V.I. Maliogka (Aristotle University of Thessaloniki, School of Agriculture, Plant Pathology Laboratory, Greece) “Virus and other graft-transmissible diseases of fruit trees in Greece-An Overview”


**Chairs:** W. Jelkmann, V. Pallas

09:50-10:10 O-1: Genomic and biological characterization of Apple necrotic mosaic virus infecting apple trees in China. F. Xing, H.Q. Wang, S.F. Li

10:10-10:30 O-2: The complete sequence of a new Trichovirus isolated from peach trees in Mexico. R. De la Torre, V. Pallas, J.A. Sánchez-Navarro

10:30-10:50 O-3: Discovery of a novel plant virus with unique genome features from black currant. T. Thekke-Veetil, T. Ho, J.D. Postman, I.E. Tzanetakis

10:50-11:10 O-4: Molecular characterization of a phytoplasma associated to phyllody and witches’ broom in strawberry (Fragaria x ananassa Duch.). N. Quiroga, A. Zamorano, W. Cui, N. Fiore
11:10-11:40 Coffee break

11:40-13:00 Oral Session 2- New and Emerging graft-transmissible pathogens and related diseases-Etiology II

Chairs: A. Zamorano, N. Hong

11:40-12:00 O-5: A new potexvirus infecting babaco (Carica pentagona) and papaya (C. papaya) in Ecuador. R.A. Alvarez-Quinto, J.F. Cornejo, D.F. Quito-Avila


12:20-12:40 O-7: New cherry-adapted strain of Plum pox virus. S. Chirkov, P. Ivanov, A. Sheveleva, G. Osipov


13:00-14:30 Lunch break

14:30-15:00 Invited lecture: F. Di Serio (Istituto per la protezione sostenibile delle Piante, CNR, Italy) “Viroids infecting fruit trees: From Bioassays to Next Generation Sequencing”

15:00-16:20 Oral Session 3- New and Emerging graft-transmissible pathogens and related diseases-Etiology III

Chairs: R.R. Martin, A. Marais


16:20-16:50 Coffee break

16:50-17:50 Oral Session 4-New and Emerging graft-transmissible pathogens and related diseases-Etiology IV

Chair: I. Koloniuk, M. Glasa


17:10-17:30 O-14: The Geneva Complex – an interesting disease perspective based on the results of NGS analysis. D. James, J. Phelan, G. Jesperson


17:50-18:10 O-16: Discovery and molecular characterization of a new luteovirus associated with rapid apple decline in USA. H.W. Liu, L.-P. Wu, Peter, K., D., Liu, Z., Cao, M.-J., R. Li

18:10-19:40 Poster session I (P1-P19)

Tuesday, 6 June

09:00-09:30 Invited lecture: T. Candresse (INRA, University of Bordeaux, France) “A perspective on NGS use in plant virology and on implications for the safe movement of plant materials”

09:30-10:50 Oral Session 5-Detection and Characterization I

Chairs: D. James, H. Maree

09:30-09:50 O-17: Evaluation of total RNA high-throughput sequencing for virus detection. R. Bester, M. Visser, J.T. Burger, H.J. Maree


10:50-11:20 Coffee break

11:20-12:20 Oral Session 6-Detection and Characterization II

Chair: D. Šafářová, N. Fiore


12:20-12:40 O-24: Virus and viroids infecting pear trees (Pyrus communis L.) in Chile. G. Medina, N. Quiroga, P. Méndez, A. Zamorano, N. Fiore

12:40-14:00 Lunch break

14:00-14:30 Invited lecture: A. Bertaccini (University of Bolognia, Department of Agricultural Sciences, Italy) “Fruit trees and Phytoplasmas: A well settled association”

14:30-15:50 Oral Session 7- Detection and Characterization III

Chairs: D. Skoric, A. Olmos

14:30-14:50 O-25: Germplasm as invaluable source of ribes infecting viruses. J. Přibylová, J. Špak, I. Koloniuk, K. Petražik


15.50-16.10 Coffee break

16:10-17:30 Oral Session 8-Detection and Characterization IV
Chair: J. Špak, C. Varveri

16:10-16:30 O-29: Phytoplasma detection in hazelnut in Chile. S. Perez Fuentealba, S. Paltrinieri, J. Guerrero, N. Fiore, A. Bertaccini

16:30-16:50 O-30: Detection and characterization of cherry viruses in Chile. A. Zamorano, N. Quiroga, C. Fernández, L. Rivera, D. Soto, A.M. Pino, N. Fiore


17:10-17:30 O-32: European stone fruit yellows phytoplasmas infecting apricot in Serbia and in Italy cluster mainly in two main MLT groups. N. Contaldo, J. Stepanović, F. Pallara, A. Bertaccini, B. Duduk

17:45-20:00 City Tour

21:00 Scientific committee dinner

Wednesday, 7 June

09:00-18:00 Scientific excursion
Visit to Commercial Pome and Stone Fruit orchards in Veroia and Naoussa (District of Imathia)
- Vergina Archaeological site (Capital of Ancient Macedonia)
- Lunch in Naoussa
- Return to Thessaloniki
Thursday, 8 June

09:00-12:10 Workshop on ‘Transport of plant propagation material through borders and the production of high quality (virus-tested) propagative material of Fruit trees and small fruits’. Chair: I.E. Tzanetakis

1. 09:00-09:20 Pascal Gentit, France
2. 09:20-09:40 Nicola Fiore, Chile
3. 09:40-10:00 Bob Martin, USA
4. 10:00-10:20 Fiona Constable, Australia

10:20-10:50 Coffee break

5. 10:50-11:10 Hans Maree, South Africa
6. 11:10-11:30 Delano James, Canada
7. 11:30-11:50 Christina Varveri, Greece

11:50-12:10 O-33: The importance and challenges of reference collections. W. Menzel

12:10 - 13:40 Lunch break

13:40-15:40 Round table. USDA-NCPN leadership via Skype or zoom. Status quo and role of NGS in certification and quarantine. How are we approaching sequences vs viruses?

15:40-16:10 Coffee break

16:10-17:40 Poster session II (P20-P38)

20:30 Gala Dinner

Friday, 9 June

09:00-09:30 Invited lecture: K. Kalantidis (University of Crete, Department of Biology, Greece) “Disarming plant defense by suppressing DICER expression”

9:30-10:30 Oral Session 9- Pathogen-Host Interactions

Chair: S.A. MacFarlane


10:10-10:30 O-36: Interaction of the pathogen ‘Candidatus Phytoplasma Mali’ with the plant host. A. Konnerth, G. Krczal, K. Boonrod

10:30-11:00 Closing ceremony

11:00-11:30 Coffee break

11:30 Official Meeting of ICVF

1. Next meeting location with brief introduction of potential hosts
2. Replacement of Scientific Committee members
3. Other Issues

LIST OF POSTERS

P-1. NGS STUDIES OF THE VIROME OF FIG TREES IN GREECE. M. Kaponi, E. Vellios, K. Filippou, T. Sano

P-2. DIVERSITY OF CHERRY VIRUS A GENOMES. P. Kesanakurti, M. Rott

P-3. SURVEY OF POTENTIAL CICADELLID VECTORS OF PHYTOPLASMAS IN SWEET CHERRY TREES IN KAHRAMANMARAS-TURKEY: A PRELIMINARY REPORT. M. Gazel, K. Çağlayan, K. Kaya, H. Başpınar

P-4. IDENTIFICATION OF DIFFERENT PHYTOLASMAS INFECTING SWEET CHERRY TREES IN TURKEY. M. Gazel, K. Çağlayan

P-5. FIRST DETECTION OF EUROPEAN STONE FRUIT YELLOWS PHYTOPLASMA IN PEACH TREES ON THE TERRITORY OF CANTON OF GENEVA, SWITZERLAND. A. Etropolska, F. Lefort

P-6. DETECTION AND CHARACTERIZATION OF RASPBERRY BUSHY DWARF VIRUS IN DIFFERENT HOSTS IN TURKEY. K. Caglayan, M. Gazel, E. Elçi, M. Viršček Marn, I. Mavric Pleško

P-7. MOLECULAR CHARACTERIZATION AND GENETIC DIVERSITY OF PLUM POX VIRUS STRAINS IN THRACE REGION OF TURKEY. K. Gürcan, S. Teber, O. Canbulat, K. Çağlayan


P-10. RUBUS YELLOW NET VIRUS AND BLACK RASPBERRY NECROSIS VIRUS, NEWLY DETECTED VIRUSES IN RASPBERRY PLANTATIONS IN REPUBLIC OF SERBIA. A.S. Paunovic, D. Jevremović

P-11. EX-POST ANALYSES OF PUBLIC DATABASES ALLOWED IDENTIFICATION OF A NOVEL VIRUS INFECTING PEACH. B. Navarro, S. Zicca, F. Palmisano, F. Di Serio

P-12. COLLECTION OF PATHOGENS OF HOPS. P. Svoboda, I. Malirova


P-14. MONITORING OF VECTORS PHENACOCCUS ACERIS AND PSEUDOCOCCUS MARITIMUS OF LITTLE CHERRY VIRUS 2 IN SWEET CHERRY ORCHARDS IN BELGIUM. G. Peusens, R. Tahzima, K. De Jonghe, D. Bylemans, T. Beliën

P-15. INDICATION THAT THE PLUM POX VIRUS P1 PROTEIN IS PREFERENTIALLY EXPRESSED IN THE ROOTS OF NICOTIANA BENTHAMIANA DURING EARLY STAGE OF INFECTION. Z. Vozárová, Z. Šubr

P-16. LONG-TERM FOLLOW-UP OF PPV-REC AND PPV-D IN AN EXPERIMENTAL PLUM ORCHARD. D. Jevremović, A.S. Paunović, S. Dallot

P-17. OCCURRENCE AND DISTRIBUTION OF CITRUS VIRUS AND VIROID DISEASES IN JORDAN. M.N. Salem, A. Mansour, S. Abu-Romman, A. Abo-Sherbi, A. Abdeen

P-18. IDENTIFICATION OF A NEW VITIVIRUS FROM BLUEBERRY. T. Thekke-Veetil, T. Ho, J. Polashock, I.E. Tzanetakis

P-19. PARTIAL SEQUENCE OF GOOSEBERRY VEIN BANDING ASSOCIATED VIRUS IN REDCURRANT IN SLOVENIA. J. Lamovšek, I. Mavrič Pleško, D. Koron, A.B. Ruiz-García, M. Viršček Marn, A. Olmos


P-22. RESULTS OF SURVEILLANCE OF OCCURRENCE OF 'CANDIDATUS PHYTOPLASMA MALI' AND 'CANDIDATUS PHYTOPLASMA PYRI' IN NURSERIES OF REPUBLIC OF SRPSKA (BOSNIA AND HERZEGOVINA). D. Delić, M. Radulović, B. Lolić, G. Durić

P-23. IDENTIFICATION OF AN RNA SILENCING SUPPRESSOR ENCODED BY THE GENOME OF LITTLE CHERRY VIRUS 1. A. Katsiani, K. Katsarou, K. Kalantidis, N.I. Katis, V.I. Maliogka

P-24. SEASONAL FLUCTUATION OF LITTLE CHERRY VIRUS 1 (LChV-1) TITER IN SWEET CHERRY CULTIVARS. A. Katsiani, P. Pappi, A. Olmos, K.E. Efthimiou, V.I. Maliogka, N.I. Katis
P-26. IDENTIFICATION OF A PRUNUS VIRUS F-LIKE VIRUS IN SWEET CHERRY. L. Lotos, T. Candresse, A. Olmos, N.I. Katis, V.I. Maliogka
P-27. INCIDENCE AND MOLECULAR VARIABILITY OF APPLE CHLOROTIC LEAF SPOT VIRUS IN POME FRUITS IN SLOVENIA. M. Viršček Marn, I. Mavrič Pleško
P-28. MOLECULAR DETECTION AND CHARACTERIZATION OF PHYTOPLASMAS IN ORNAMENTAL POMEGRANATES. K. Caglayan, M. Gazel, M. Acıoğlu
P-29. EVALUATION OF THE SUSCEPTIBILITY OF APRICOT CULTIVARS TO PPV IN HIGH-CONTAINMENT GREENHOUSE. Y. Brans, J. Castaing, K. Bresson
P-30. THE FIRST DETECTION OF PLUM POX VIRUS IN WESTERN SIBERIA. Y. Shneyder, M. Tikhomirova, O. Morozova, T. Zhivaeva, Y. Prikhodko
P-32. DETECTION AND MOLECULAR CHARACTERIZATION OF AN UNUSUAL VIRUS IN CHERRY. S. Milusheva, J. Phelan, N. Piperkova, V. Nikolova, D. James
P-34. VIRTOOL: A NEXT GENERATION DATA ANALYSIS TOOL FOR DETECTION OF PLANT VIRUSES. I. Boyes, M. Rott
P-36. EVIDENCE OF CIRCULAR RNA ASSOCIATED WITH BLACKCURRANT LEAF CHLOROSIS ASSOCIATED VIRUS. D. James, J. Phelan, D. Sanderson
P-38. FIRST INSIGHT INTO STRAWBERRY VIROME USING NEXT GENERATION SEQUENCING IN THE CZECH REPUBLIC. J. Fránová, I. Koloniuk, J. Přibylová, O. Lenz, J. Kučerová, L. Valentová