

## Contents

### **Oral Presentations**

- New drugs for acute and chronic Hepatitis B Virus (HBV) Infection: from HBV-entry inhibition to liver-specific drug targetting** 18

Urban, Stephan

- Next Generation Sequencing offers new perspectives in Comparative Genomics of plant associated Bacteria** 18

Kube, Michael

### **Oral Session I**

- Elucidation of the roles of blackcurrant reversion virus and phytoplasma in the etiology of full blossom disease in currants** 19

Spak, Josef, Kubelkova, Darina, Pribylova, Jaroslava, Spakova, Vlastimila, Petrzik, Karel

- Association of Tomato Ringspot Virus, Tobacco Ringspot Virus and *Xiphinema americanum* with a decline of highbush blueberry in New York** 19

Fuchs, Marc

- A new member of the family Reoviridae may contribute to severe crumbly fruit in 'Meeker' red raspberry** 20

Quito, Diego, Jelkmann, Wilhelm, Alt, Simone, Leible, Svenja, Martin, Robert R.

- 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** 20

Salar, Pascal

- Production of antisera and evaluation of serology-based techniques for the detection of Blackcurrant reversion virus** 21

James, Delano, Croft, Heather, Malinowski, Tadeusz, Reed, Christopher

- Molecular diagnostics for the detection of strawberry viruses in Australia** 21

Constable, F.E., Bottcher, C., Kelly, G., Milinkovic, M., Persely, D.M., Rodoni, B.C.

- Detection of phloem restricted bacteria responsible of strawberry marginal chlorosis (SMC) by real-time PCR in a single assay** 22

Fimbeau, Sébastien

- Sequencing studies for the identification and characterization of new and old *Rubus* viruses** 22

MacFarlane, Stuart, McGavin, Wendy

- Emerging strawberry virus and virus-like diseases in the world** 22

Tzanetakis, I.E.

<b>Viruses and virus-like diseases in blueberry</b>	<b>23</b>
Martin, R.	
<b>Viruses and virus-like diseases in European <i>Ribes</i></b>	<b>23</b>
Špak, J., Kubelková, D., Přibyllová, J., Špaková, V., Petrzik, K.	
<b><i>Oral Session II</i></b>	
<b>Disease detection in quality systems for production of nursery stock</b>	<b>24</b>
Meekes, Ellis, Bakker, Daniël, Konings, Hans, Toonen, Marcel, Jongedijk, Gerard	
<b>Introduction of a certification program in a production of a plum planting material</b>	<b>24</b>
Jevremović, Darko, Paunović, Svetlana	
<b>Susceptibility of a range of hazelnut cultivars to apple mosaic ilarvirus</b>	<b>25</b>
Gentit, Pascal, Brans, Yoann, Ramat, Charlotte	
<b>Confirmation of the elimination of Apple stem grooving virus from apple trees by <i>in vitro</i> chemotherapy</b>	<b>25</b>
Delano, James	
<b>Detection of four pome fruit viruses by ELISA and RT-PCR and cluster analyses of apple chlorotic leafspot virus (ACLSV) in apple and pear at the Canadian Clonal Genebank</b>	<b>25</b>
Wang, L., Michelutti, R., Zunnoon-Khan, S., Wang, G., Hong, N., Matic, S., Myrta, A.	
<b>Effects of thermotherapy temperatures on the growth of <i>in vitro</i> cultured pear plants and the elimination of three viruses</b>	<b>26</b>
Hong, Ni, Wang, Guoping, Tan, Rongrong, Wang, Liping	
<b>A one-Step Reverse transcription-polymerase chain reaction-based detection of olive trees viruses in Egypt</b>	<b>26</b>
Sahar, A.Y., Moawed, S.M, El-Sayed, M., Shalaby, A.A.	
<b><i>Oral Session III</i></b>	
<b>The microarray detecting six fruit-tree viruses</b>	<b>27</b>
Lenz, Ondrej, Petrzik, Karel, Spak, Josef	
<b>Validation of a microarrays protocol for detection and genotyping of PPV reference samples</b>	<b>27</b>
Pasquini, Graziella	
<b>Real time PCR quantitative analysis of plant viruses in stone fruit trees tissues</b>	<b>27</b>
Jarosova, Jana, Kundu, Jiban Kumar	
<b>Simultaneous detection of the main stone fruit viruses and viroids by non-isotopic molecular hybridization polyprobe</b>	<b>27</b>
Sánchez-Navarro, Jesús, De la Torre, Rodolfo, Pallás, Vicente	

<b>Detection of cherry leafroll virus, prune dwarf virus and prunus necrotic leafroll virus in prunus pollen</b>	<b>28</b>
Horner, Mary, Van den Brink, Roy, Hough, Ellena, Eastwell, Kenneth, Howell, William	
<b>Reverse transcription loop-mediated isothermal amplification (RTLAMP): A novel method for the detection of <i>Peach latent mosaic viroid</i> (PLMVd)</b>	<b>28</b>
Boubourakas, I.N., Fukuta, S., Fagioli, F., Luigi, M., Barba, Â.M., Kyriakopoulou, P.E.	
<b>Sensitive detection and strain discrimination of plum pox virus using Rt - Real Time Pcr - Fret Method</b>	<b>29</b>
Malinowski, Tadeusz	
<b>Application of scanning electron microscopy for diagnosis of phytoplasmas in single and mixed infections in papaya</b>	<b>29</b>
Lebsky, Vladimir, Poghosyan, Arevik, Silva-Rosales, Laura	
<b>Oral Session IV</b>	
<b>New viruses identified in fig trees exhibiting fig mosaic disease</b>	<b>29</b>
Tzanetakis, Ioannis, Martin, Robert	
<b>Fig latent virus 1, a new putative member of the family flexiviridae</b>	<b>30</b>
Gattoni, Giuliano, Minafra, Angelantonio, Castellano, Maria Antonietta, De Stradis, Angelo, Boscia, Donato, Elbeaino, Toufic, Digiaro, Michele, Martelli, Giovanni Paolo	
<b>Molecular characterisation of viruses from kiwifruit</b>	<b>31</b>
Pearson, Michael, Cohen, Daniel, Chavan, Ramesh, Bluin, Arnaud	
<b>Towards the elucidation of the taxonomic position of Prunus-infecting viral agents belonging to the Foveavirus genus and their relationship with Apple stem pitting virus</b>	<b>31</b>
Marais, Armelle, Youssef, Fater, Faure, Chantal, Barone, Maria, Maliogka, Varvara, Katis, Nikos, Foissac, Xavier, Gentit, Pascal, Candresse, Thierry	
<b>Oral Session V</b>	
<b>Peach latent mosaic viroid: further dissection of the molecular determinant inducing peach calico disease</b>	<b>32</b>
Navarro, Beatriz, Delgado, Sonia, Rodio, Maria Elena, Flores, Ricardo, Di Serio, Francesco	
<b>Towards dissecting the structural determinant of peach latent mosaic viroid inducing mosaic symptoms</b>	<b>32</b>
Delgado, Sonia, Navarro, Beatriz, Gentit, Pascal, Di Serio, Francesco, Flores, Ricardo	
<b>Deep sequencing of the viroid-derived small RNAs accumulating in peach infected by two symptomatic variants of peach latent mosaic viroid</b>	<b>33</b>
Di Serio, Francesco, Giesel, Andreas, Navarro, Beatriz, Delgado, Sonia, Martínez de Alba, Angel-Emilio, Donvito, Giacinto, Flores, Ricardo	
<b>Molecular characterization and variability analysis of Apple scar skin viroid</b>	<b>33</b>
Walia, Yashika, Kumar, Yogesh, Rana, Tanuja, Hallan, Vipin, Ram, Raja, Zaidi, A.A	

**The molecular characterization of hop stunt viroid isolates associated to dapple fruit and fruit rugosity in plum seedlings suggests a possible role of the breeding in viroid dissemination** 34

Luigi, Marta, Faggioli, Francesco, Barba, Marina, Giunchedi, Luciano

**Two novel variants of hop stunt viroid associated with yellow corky vein disease of sweet orange and split bark disorder of sweet lime in Iran** 34

Bagherian, Seyed Ali Akbar, Izadpanah, K.

**Oral Session VI**

**Infectious uncloned full-length cDNAs as a tool for the study of the etiology of fruit tree viral diseases** 35

Youssef, Fater, Marais, Armelle, Faure, Chantal, Candresse, Thierry

**Expression of the coat protein genes of PNRSV and PDV in the synergistic disease peach stunt.** 35

Kim, B.T., Gibson, P.G., Scott, S.W.

**Investigations on virus occurrence in different tissues throughout the year and sequence variability of Apple stem pitting virus** 36

Arntjen, Anja, Jelkmann, Wilhelm

**Close similarities between Cherry chlorotic rusty spot disease from Italy and Cherry leaf scorch from Spain** 36

Barone, M., Covelli, L., Di Serio, F., Garcia Becedas, M.T., Ragozzino, A., Alioto, D.

**Vertical transmission of Prunus necrotic ringspot virus: hitch-hiking from gametes to seedling.** 37

Amari, Khalid, Burgos, Lorenzo, Pallas, Vicente, Sanchez-Pina, M. Amelia

**Molecular characterization of a new Prunus-infecting Flexiviridae member** 37

**Widespread occurrence of Tomato ring spot virus in deciduous fruit trees in Iran** 37

Moini, A.A., Roumi, V., Masoumi, M.M., Izadpanah, K.

**Virus diseases of stone fruit trees in Belarus** 38

Kukharchyk, Natalia, Semenas, Svetlana

**Detection, monitoring and characterization of LChV-1 isolates from southern Italy** 38

Matic, S., Minafra, A., Sánchez-Navarro, J.A., Pallás, V., Myrta, A., Martelli, G.P.

**Oral Session VII**

**Pathogen-derived technologies for improving Plum Pox Virus resistance of transgenic plum (*Prunus domestica* L.)** 39

Mikhailov, Roman, Serova, Tatyana, Shulga, Olga, Firsov, Alexey, Dolgov, Sergey

**The hairpin structure of the Plum pox virus coat protein gene in HoneySweet C5 plum is responsible for PPV resistance** 39

Scorza, Ralph, Georgi, Laura, Callahan, Ann, Petri, Cesar, Hily, Jean-Michel, Dardick, Chris, Damsteegt, Vern, Ravelonandro, Michel

<b>The hypersensitivity resistance of European plum to Plum pox virus and its potential impact on the epidemiology of the virus</b>	<b>40</b>
Neumüller, Michael, Hartmann, Walter, Treutter, Dieter	
<b>Transient expression as a method to evaluate effectiveness of SCFV fragments to interfere with plum pox virus infection</b>	<b>40</b>
Gil, M., Esteban, O., García, J.A., Peña, L., Cambra, M.	
<b>Natural deletion is not unique in the coat protein (CP) of recombinant Plum pox virus (PPV) isolates in Hungary</b>	<b>41</b>
Szathmáry, Erzsébet, Palkovics, László	
<b>Symptomatic and real-time PCR scoring of Plum Pox Virus resistance in two apricot (<i>Prunus armeniaca</i> L.) segregating populations</b>	<b>41</b>
Vera-Ruiz, Elsa María, Soriano, José Miguel, Martínez-Calvo, José, Llácer, Gerardo, Badenes, María Luisa, Romero, Carlos	
<b>Serological and molecular screening of Plum pox virus in the F1 and F2 romanian apricot genotypes</b>	<b>42</b>
Ion, Ligia, Hoza, Dorel, Isac, Maria, Preda, Silvia Ana, Topor, Elena, Neagu, Tudora, Moale, Cristina, Poenaru, Silvia, Nicolae, Constantin	
<b>Tracking Plum pox virus in Chile throughout the year by three different methods and molecular characterization of Chilean isolates</b>	<b>42</b>
Fiore, Nicola, Araya, Carolina, Zamorano, Alan, González, Flor, Mora, Roxana, Sánchez-Navarro, Jesús, Pallás, Vicente, Rosales, Inés Marlene	
<b>Oral Session VIII</b>	
<b>First insights into the Genomes of the rich equipped Acholeplasma species highlight the Genome Condensation of the related Phytoplasmas</b>	<b>43</b>
Migdoll, Alexander M., Seemüller, Erich, Reinhardt, Richard, Kube, Michael	
<b>Identification of host genes potentially implicated in the <i>Malus pumila</i> and <i>Candidatus Phytoplasma mali</i> interactions</b>	<b>43</b>
Aldaghi, Majid, Massart, Sebastien, Bertaccini, Assunta, Jijakli, M. Haissam, Lepoivre, Philippe	
<b>In vitro screening of interspecific hybrids (<i>Malus</i> spp.) for resistance to apple proliferation</b>	<b>44</b>
Bisognin, Claudia, Ciccotti, Anna Maria, Salvadori, Antonella, Jarausch, Wolfgang, Grando, Stella	
<b>Experimental transmission trials by <i>Cacopsylla pyri</i>, collected from pear decline infected orchards in Turkey</b>	<b>44</b>
Caglayan, Kadriye, Gazel, Mona, Ulubas Serce, Cigdem, Can, Feza	
<b>Analysis of the acquisition and multiplication efficiency of different strains of <i>Ca. Phytoplasma mali</i> by the vector <i>Cacopsylla picta</i></b>	<b>45</b>
Jarausch, Barbara, Fuchs, Annette, Krczal, Gabi, Jarausch, Wolfgang	

## **Oral Session IX**

<b>Strain differentiation of <i>Candidatus</i> Phytoplasma Mali by SSCP- and sequence analyses of the HFLB gene</b>	<b>45</b>
Schneider, Bernd, Seemueller, Erich, Jarausch, Wolfgang	
<b>Molecular characterization of <i>Candidatus</i> Phytoplasma mali strains in outbreaks of apple proliferation in north eastern Italy, Hungary, and Serbia</b>	<b>45</b>
Paltrinieri, Samanta, Duduk, Bojan, Dal Molin, Federica, Mori, Nicola, Comerlati, Giovanni, Bertaccini, Assunta	
<b>Breeding of rootstocks resistant to apple proliferation disease</b>	<b>46</b>
Seemüller, Erich, Bisognin, Claudia, Grando, Stella, Schneider, Bernd, Velasco, Riccardo, Jarausch, Wolfgang	
<b>Influence of apple stem grooving virus on <i>Malus sieboldii</i>-derived apple proliferation resistant rootstocks</b>	<b>46</b>
Liebenberg, Annerie, Wetzel, Thierry, Kappis, Alexander, Herdemertens, Michelle, Krczal, Gabriele, Jarausch, Wolfgang	
<b>Identification of host plants for <i>Candidatus</i> Phytoplasma prunorum and of his vector <i>Cacopsylla pruni</i> in SPAIN</b>	<b>47</b>
Sabate, J., Laviña, A., Batlle, A.	
<b>Infection rates of natural psyllid populations with <i>Candidatus</i> 'Phytoplasma mali' in South Tyrol (northern Italy)</b>	<b>47</b>
Baric, Sanja, Oettl, Sabine, Dalla Via, Josef	
<b>Comparison of European stone fruit yellows phytoplasma strains differing in virulence by multi-gene sequence analyses</b>	<b>47</b>
Marcone, Carmine, Schneider, Bernd, Seemüller, Erich	
<b>Hypo and hyper-virulence in apricot trees infected by European stone fruit yellows</b>	<b>48</b>
Ermacora, Paolo, Loi, Nazia, Ferrini, Francesca, Loschi, Alberto, Martini, Marta, Osler, Ruggero, Carraro, Luigi	
<b>Poster Presentations</b>	
<b>First survey on blueberry viruses and phytoplasma in the Czech Republic</b>	<b>48</b>
Spak, Josef, Kubelkova, Darina, Pribylova, Jaroslava, Spakova, Vlastimila, Petrzik Karel	
<b>Tomato ringspot nepovirus (ToRSV) in wild blackberry (<i>Rubus fruticosus</i> L.) in Hatay province of Turkey</b>	<b>49</b>
Sertkaya, Gülsen	
<b>Detection of Blueberry red ringspot virus in highbush blueberry cv. Coville</b>	<b>50</b>
Mavric, Plesko Irena , Virscek, Marn Mojca, Koron, Darinka	
<b>Comparison of Raspberry bushy dwarf virus isolates from Hungary and Slovenia</b>	<b>50</b>
Virscek, Marn Mojca, Mavric, Plesko Irena, Gorsek, Janja, Nyerges, Klára, Lázár, János, Tökés, Ágnes	
<b>Occurrence of small fruit viruses in Belarus</b>	<b>50</b>
Valasevich, Natallia, Kolbanova, Elena	

<b>Virus survey in strawberry production fields in the United States and Canada</b>	<b>51</b>
Martin, Robert, R., Tzanetakakis, Ioannis, E.	
<b>Infectious agents associated whit strawberry decline in Italy</b>	<b>51</b>
Ratti, Claudio, Terlizzi, Federica, Credi, Rino, Pisi, Annamaria, Babini, Anna Rosa, Vicchi, Valerio, Rubies, Autonell Concepcion	
<b>Characterisation of mixed virus infections in <i>Ribes</i> species in Switzerland</b>	<b>52</b>
Besse, Sébastien, Gugerli, Paul, Ramel, Maria-Elena, Balmelli, Carole	
<b>Evaluation of the reliability of lateral flow immunochromatography strips for detection of Plum pox virus</b>	<b>52</b>
Malinowski, Tadeusz	
<b>Transient expression of the coat protein of Apple chlorotic leaf spot virus inhibits the viral RNA accumulation in <i>Nicotiana occidentalis</i></b>	<b>53</b>
Yaegashi, Hajime, Isogai, Masamichi, Yoshikawa, Nobuyuki	
<b>Highly efficient method of inoculation of apple viruses to apple seedlings</b>	<b>53</b>
Yamagishi, Noriko, Sasaki, Shintarou, Yoshikawa, Nobuyuki	
<b>Nucleotide analysis of pome fruit virus isolates detected in apple and pear samples from Italy and India</b>	<b>53</b>
Ferretti, L., Hallan, V., Ram, R., Rana, T., Dhir, S., Negi, A., Thockchom, T., Zaidi, A.A., Barba, M.	
<b>Detection of pear vein yellows disease caused by Apple stem pitting foveavirus (ASPV) in Hatay province of Turkey</b>	<b>54</b>
Sertkaya, Gülsen	
<b>Determination of the effects of APPLE stem grooving virus on some commercial apple cultivars</b>	<b>54</b>
Birisik, Nevzat, Baloglu, Saadettin	
<b>Virus diseases of pomes fruit trees in Belarus</b>	<b>55</b>
Kukharchyk, Natalia, Kastrickaya, Manana	
<b>Viruses of pome fruits in Bosnia and Herzegovina</b>	<b>55</b>
Lolić, B., Matić, S., Hassan, M., Đurić, G., Di Serio, F., Myrta, A.	
<b>Detection and Identification of Apple Stem Pitting and Apple Stem Grooving affecting Apple and Pear in Egypt</b>	<b>56</b>
Sahar, A.Y., Moawed, S.M., Shalaby, A.A.	
<b>Current Status of Apple Mosaic Virus in Turkey</b>	<b>56</b>
Ertunc, Filiz, Sokmen, Miray A., Sezer, Arzu, Canik, Digdem	
<b>First survey of pome fruit viruses in Morocco</b>	<b>56</b>
Afechtal, M., Milano, R., Djelouah, K., D'Onghia, A.M.	
<b>The evaluation of presence and the symptomology of viruses in commercial quince orchards in Turkey</b>	<b>57</b>
Birisik, Nevzat, Baloglu, Saadettin	

<b>Incidence of Iarviruses in Latvian Fruit Orchards</b>	<b>57</b>
Pupola, Neda, Kale, Anna, Jundzis, Maris, Morocko-Bicevska, Inga	
<b>Detection of a divergent variant of Plum bark necrosis and stem pitting associated virus (PBNPaV) in <i>Prunus domestica</i> with peach red marbling disease symptoms</b>	<b>57</b>
Marais, Armelle, Faure, Chantal, Gentit, Pascal, Candresse, Thierry	
<b>Biological characterization of Apricot latent virus (ApLV)</b>	<b>58</b>
Grimová, Lenka, Rysánek, Pavel, Zouhar, Miloslav, Bazzoni, Alessandra, Minafra, Angelantonio, Palmisano, Francesco, Savino, Vito	
<b>Occurrence of Little cherry virus-1 on <i>Prunus</i> ssp. in Baden-Württemberg</b>	<b>58</b>
Schroeder, Manfred, Petruschke, Michael	
<b>Transmission of Little cherry virus -1 (LChV1) by <i>Cuscuta europea</i> to herbaceous host plants</b>	<b>59</b>
Jelkmann, Wilhelm, Hergenbahn, Felix, Berwarth, Constanze	
<b>First report of Little cherry virus 1 in cherry in Turkey</b>	<b>59</b>
Ulubas Serce, Cigdem, Gazel, Mona, Caglayan, Kadriye	
<b>Susceptibility of a new range of apricot cultivars to apple mosaic ilarvirus</b>	<b>60</b>
Gentit, Pascal, Ramat, Charlotte	
<b>Serological Identification for some Important Viruses on Stone Fruits in Saudi Arabia</b>	<b>60</b>
Alhudaib, Khalid	
<b>First occurrence of Cherry virus A (CVA) in Czech Republic</b>	<b>60</b>
Grimová, Lenka, Zouhar, Miloslav, Rysánek, Pavel, Drabesová, Jana	
<b>Occurrence of <i>Prunus</i> necrotic ringspot virus and Prune dwarf virus in sweet cherries in locality Velehrad (South Moravia, Velehrad)</b>	<b>60</b>
Navrátil, Milan, Safarova, Dana	
<b>Identification of ilarviruses in almond and cherry fruit trees using nested PCR assays</b>	<b>61</b>
Maliogka, Varvara I., Charou, Anastasia, Efthimiou, Konstantinos, Katsiani, Asimina T., Chatzivassiliou, Elisavet K., Katis, Nikolaos I.	
<b>Molecular characterization of the 3' part of the genome of divergent Cherry virus A isolates and development of a polyvalent CVA-specific PCR detection test</b>	<b>61</b>
Svanella-Dumas, Laurence, Marais, Armelle, Candresse, Thierry	
<b>Effects Associated with Graft-transmissible Agents Found in the Peach Variety 'Ta Tao 5'</b>	<b>61</b>
Gibson, Philip, Reighard, Gregory, Marini, Diana, Scott, Simon	
<b>Assessment of the main stone fruits viruses and viroids in Algeria</b>	<b>62</b>
Meziani, S., Rouag, N., Milano, R., Kheddami, M., Djelouah, K.	
<b>Surveying Viruses on Ornamental Trees and Shrubs in Hungarian Botanical Gardens</b>	<b>62</b>
Nemeth, Maria, Nyerges, Klara, Hangya, Rozalia, Kosa, Geza	



<b>Survey for PPV and PNRSV in nurseries and orchards in the northwest region of Iran</b>	<b>62</b>
Sokhandan Bashir, Nemat	
<b>Health status of the pome- and stone fruit planting material imported to serbia</b>	<b>63</b>
Paunović, Svetlana, Jevremović, Darko	
<b>Investigations on the phytosanitary status of the main stone fruits nurseries and mother plants in Albania</b>	<b>63</b>
Musa, A., Merkuri, J., Milano, R., Djelouah, K.	
<b>Detection of systemic pathogens in tissue culture</b>	<b>63</b>
Liefting, Lia, Shiller, Jason, Harper, Scott, Ward, Lisa, Clover, Gerard	
<b>Investigation on rose mosaic disease of rose in Hatay-Turkey</b>	<b>64</b>
Sertkaya, Gülşen	
<b>The development of resistance to cucumber mosaic virus using intrabodies specific for the viral replicase</b>	<b>64</b>
Matic, Slavica, Burrone, Oscar, Thompson, Jeremy R., Tepfer, Mark	
<b>Agro-Ecological Incidence of Pepper Veinal Mottle Virus, Genus Potyvirus, Family Potyviridae, on Cultivated Pepper (<i>Capsicum Annuum</i>L.) in Nigeria</b>	<b>65</b>
Fajinmi, A.A.	
<b>Towards generation of an infectious full- length cDNA clone of Apple stem pitting virus</b>	<b>65</b>
Arntjen, Anja, Jelkmann, Wilhelm	
<b>Molecular Characterization and full length Genome Sequencing of Citrus Yellow Mosaic virus associated with Rangpurlime cultivar</b>	<b>65</b>
Singh, J., Baranwal, V.K.	
<b>Assessment of molecular diversity in the polymerase gene of several Citrus tristeza virus isolates in northern and southern Iran</b>	<b>66</b>
Sadeghi, M.S., Afsharifar, A.R., Niazi, A., Izadpanah, K.	
<b>An international effort to study the diversity of Plum pox virus.</b>	<b>66</b>
Glasa, M., Shar, C.O.	
<b>Preliminary results on resistance to PPV-M in <i>Prunus persica</i> (L.) Batsch</b>	<b>67</b>
Casati, Paola, Bassi, Daniele, Spadone, Paola, Bianco, Piero A.	
<b>Reaction of PPV infected scions of European plum genotypes grafted onto rootstocks with hypersensitivity resistance to PPV</b>	<b>68</b>
Mühlberger, Louisa, Neumüller, Michael, Treutter, Dieter	
<b>The inheritance of the hypersensitive resistance of European Plum (<i>Prunus domestica</i> L.) against the Plum pox virus</b>	<b>68</b>
Lichtenegger, Ludwig, Neumüller, Michael, Treutter, Dieter	

<b>The spatial distribution of Plum pox virus (PPV) in the leaves of European plum cultivars with different degrees of PPV resistance</b>	<b>69</b>
Paskaš, K., Neumüller, M., Treutter, M.D.	
<b>The investigation of Plum-Pox-Virus infections in some peach and apricot cultivars and rootstock</b>	<b>69</b>
Trandafirescu, Marioara, Indreias, Alexandra	
<b>Susceptibility of different prunus rootstocks to natural Plum pox virus (PPV-D) infection in Spain</b>	<b>69</b>
Vidal, E., Moreno, A., Bertolini, E., Capote, N., Gil, M., Martínez, M.C., Gorris, M.T., Collado, C., Cambra, M.	
<b>Evaluation of transgenic <i>Prunus domestica</i> L., clone C5 resistance to Plum pox virus</b>	<b>70</b>
Kumar Kundu, Jiban, Jarosova, Jana, Polak, Jaroslav	
<b>Evaluation of different peach genotypes for resistance to PPV-M</b>	<b>70</b>
Pasquini, Graziella, Ferretti, Luca, Gentili, Andrea, Verde, Ignazio, Micali, Sabrina, Barba, Marina	
<b>Molecular characterization of some new Canadian isolates of Plum pox virus</b>	<b>70</b>
James, Delano, Varga, Aniko, Glasa, Miroslav, Thompson, Dan	
<b>Biolistic transfection of plants by infectious cDNA clones of Plum pox virus</b>	<b>71</b>
Subr, Zdeno, Nagyova, Alzbeta, Glasa, Miroslav	
<b>In vivo thermotherapy and in vitro chemotherapy of plums, apricots and peaches artificially infected with PPV-D and PPV-M strains.</b>	<b>71</b>
Hauptmanova, Alena, Polak, Jaroslav	
<b>Distribution of Plum pox virus strain in natural sources in the Czech Republic.</b>	<b>71</b>
Polak, Jaroslav, Kominek, Petr	
<b>Typing and distribution of Plum pox virus isolates in Romania</b>	<b>72</b>
Zagrai, Ioan, Zagrai, Luminita, Kelemen, Beatrice, Petricele, Ioana, Pamfil, Doru, Popescu, Octavian, Preda, Silvia, Briciu, Alexandru	
<b>Cloning and sequencing of a mild naturally induced PPV isolate</b>	<b>72</b>
Vassilakos, Nikon	
<b>Assessment of the genetic structure of Plum pox virus (PPV) in Serbia</b>	<b>73</b>
Jevremović, Darko, Paunović, Svetlana, Dallot, Sylvie	
<b>Preliminary studies on the use of the Cascade Rolling Circle Amplification technique for Plum pox virus detection</b>	<b>73</b>
Hadersdorfer, Johannes, Neumüller, Michael, Fischer, Thilo, Treutter, Dieter	
<b>Sampling and analysis of symptomless plants for Plum pox virus detection in nurseries</b>	<b>74</b>
Vidal, E., Bertolini, E., Moreno, A., Martínez, C., Gorris, M.T., Capote, N., Gil, M., Cambra, M.	
<b>Survey on plum pox virus in Norway</b>	<b>74</b>
Blystad, Dag-Ragnar, Spetz, Carl, Haugslie, Sissel, Ørstad, Kari, Munthe, Tor, Knudsen, Randi	

<b>The presence of Peach latent mosaic viroid (PLMVd) in Greece</b>	<b>75</b>
Boubourakas, I.N., Faggioli, F., Luigi, M., Barba, M., Fukuta, S., Kyriakopoulou, P.E.	
<b>Pospiviroidae viroids in naturally infected stone and pome fruits in Greece</b>	<b>75</b>
Kaponi, Maria S., Faggioli, Francesco, Luigi, Marta, Barba, Marina, Kyriakopoulou, Panayota E.	
<b>Detection by Tissue Printing Hybridization of Pome Fruit Viroids in the Mediterranean Basin: Incidence and Biodiversity</b>	<b>76</b>
Di Serio, F., Afechtal, M., Attard, D., Choueiri, E., Gumus, M., Lolic, B., Matic, S., Navarro, B., Myrta, A.	
<b>First report and molecular analysis of Apple scar skin viroid in sweet cherry</b>	<b>76</b>
Kaponi, Maria S., Faggioli, Francesco, Luigi, Marta, Barba, Marina, Kyriakopoulou, Panayota E.	
<b>Screening for fruit tree viroids in Lithuania</b>	<b>77</b>
Abraitene, Asta, Abraitis, Rokas, Staniene, Grazina, Hammond, Rosemarie W., Owens, Robert A.	
<b>Molecular characterization of hellenic variants of Apple scar skin viroid and Pear blister canker viroid in pome fruit trees</b>	<b>77</b>
Kaponi, Maria S., Faggioli, Francesco, Luigi, Marta, Barba, Marina, Kyriakopoulou, Panayota E.	
<b>Identification of Peach latent mosaic viroid and hop stunt viroid in different peach cultivars showing dapple fruit, fruit yellow mosaic and cracked sutures symptoms</b>	<b>78</b>
Luigi, Marta, Faggioli, Francesco, Barba, Marina, Giunchedi, Luciano	
<b>Real-Time Reverse Transcription PCR assay for Peach latent mosaic viroid detection</b>	<b>78</b>
Grimová, Lenka, Kochanová, Michaela, Rysánek, Pavel	
<b>Assessment of susceptibility to European stone fruit yellows phytoplasma of new plum variety and of five rootstock/plum variety combinations</b>	<b>79</b>
Landi, Fabio, Prandini, Andrea, Paltrinieri, Samanta, Missere, Daniele, Bertaccini, Assunta	
<b>Molecular identification of phytoplasmas associated with diseases of <i>Prunus</i> sp. at the Canadian Clonal Genbank</b>	<b>79</b>
Michelutti, Roberto, Wang, Liping, Arocha, Yaima, Lalonde, Josh	
<b>Detection and distribution of European stone fruit yellows in apricot cv. Bergeron and epidemiological studies in the province of Trento (Italy)</b>	<b>79</b>
Poggi Pollini, Carlo, Forno, Flavia, Franchini, Sergio, Gobber, Marino, Lanzoni, Chiara, Mattedi, Luisa, Miorelli, Paolo, Profaizer, Davide, Ratti, Claudio	
<b>PCR/RFLP based method for molecular characterization of '<i>Candidatus</i> Phytoplasma prunorum' strains using aceF gene</b>	<b>80</b>
Martini, Marta, Ferrini, Francesca, Danet, Jean-Luc, Ermacora, Paolo, Sertkaya, Gülşen, Delić, Duska, Loi, Nazia, Foissac, Xavier, Carraro, Luigi	
<b>Establishment of a quantitative real-time PCR assay for the specific quantification of <i>Candidatus</i> Phytoplasma prunorum in plants and insects</b>	<b>80</b>
Jarausch, Wolfgang, Fuchs, Annette, Jarausch, Barbara	

<b>16SrI-B Phytoplasma Infections in Plum and in Sour Cherry in Lithuania</b>	<b>81</b>
Valiunas, Deividas, Jomantiene, Rasa, Staniulis, Juozas, Davis, Robert E.	
<b>Evaluation of the susceptibility of pear and plum-trees varieties and rootstocks to <i>Candidatus Phytoplasma prunorum</i> by means of realtime PCR</b>	<b>81</b>
Torres, E., Laviña, A., Sabaté, J., Bech, J., Batlle, A.	
<b>Individuation of <i>Candidatus Phytoplasma prunorum</i> type a and type b in <i>Cacopsilla pruni</i> individuals</b>	<b>82</b>
Ferretti, Luca, Gentili, Andrea, Poggi-Pollini, Carlo, Ermacora, Paolo, Pasquini, Graziella	
<b>Phytoplasma manipulates psyllid vector behaviour by altering host plant odour</b>	<b>82</b>
Gross, Jürgen, Mayer, Christoph J.	
<b>Detection and identification of phytoplasmas in pear trees in the Czech Republic</b>	<b>82</b>
Franova, Jana, Pribylova, Jaroslava, Cermakova, Helena, Sucha, Jana, Paprstein, Frantisek	
<b>Seasonal variations of pear decline</b>	<b>83</b>
Gazel, Mona, Ulubas Serce, Cigdem, Kadriye, Caglayan, Ozturk, Harun	
<b>Effect of pear decline for Turkish pear production</b>	<b>83</b>
Ulubas Serce, Cigdem, Gazel, Mona, Caglayan, Kadriye, Ozgen, Mustafa	
<b>Identification of phytoplasmas associated with apple trees showing shoots proliferation and leaves deformation</b>	<b>83</b>
Miroslawa, Cieślińska	
<b>Diagnostics of fruit tree phytoplasmas - Importance of latent infections</b>	<b>84</b>
Mehle, Natasa, Ambrozic Turk, Barbara, Brzin, Jernej, Nikolic, Petra, Dermastia, Marina, Boben, Jana, Ravnikar, Maja	
<b>Differential host DNA methylation might be the cause of phytoplasma elimination upon the treatment with auxins</b>	<b>84</b>
Jezic, Marin, Leljak-Levanić, Dunja, Ludwig-Müller, Jutta, Mladinić, Marin, Katić, Marija, Čurković Perica, Mirna	
<b>Current status of European stone fruit yellows phytoplasma in Bosnia and Herzegovina</b>	<b>85</b>
Delic, Duska, Mehle, Natasa, Lolic, Biljana, Ravnikar, Maja, Duric, Gordana	
<b>Almond witches - broom phytoplasma (<i>Candidatus Phytoplasma phoenicium</i>) a real threat to almond, peach and nectarine</b>	<b>86</b>
Abou-Jawdah, Y., Abou -Fakhr, Efat, Hana, Sobh, Molino Lova, Marina, Vercesi, Annamaria, Piero Attilio, Bianco	
<b>Results of patch- grafting of tissue infected by '<i>Candidatus phytoplasma pyri</i>' on pear and by '<i>Candidatus phytoplasma prunorum</i>' on apricot</b>	<b>86</b>
Pastore, M., Cardone, A., Catucci, L., Del Vaglio, M., Gervasi, F., Scognamiglio, G., Bertaccini, A.	

<b>Evaluation of different detection methods of virus and phytoplasmas for a pear and apple certification program</b>	<b>87</b>
Laviña, A, Sabaté, J., Batlle, A.	
<b>Molecular detection of pear decline phytoplasma in pear trees and their biochemical responses</b>	<b>87</b>
Canik, Didem, Dikilitas, Murat, Ertunc, Filiz	
<b>Variation among <i>Apple chlorotic leaf spot virus</i> isolates affecting fruit tree cultivars and ornamental rosaceous hosts</b>	<b>87</b>
Sobolev, I., Dombrovsky, A., Candresse, T., Svanella-Dumas, L., Spiegel, S.	
<b>Application of recombinant antibody fragments for suppression of a viral disease caused by Tomato yellow leaf curl virus</b>	<b>88</b>
Safarnejad, Mohammad Reza	
<b>List of Autors</b>	<b>89</b>