

19th Congress of the International Council for the Study of Virus and Virus-Like Diseases of the Grapevine (ICVG).

Oral sessions tentative program

Monday, April 9

8:00 - 10:00 Registration and Posters Mounting (all the posters)

Welcoming Session

10:00 - 10:05 Welcome to the 19th ICVG 2018

Nicola Fiore

10:05 - 10:15 Dean of Facultad de Ciencias Agronómicas of the Universidad de Chile

Roberto Neira

10:15 - 10:30 Oenologist of Viña Santa Carolina

Jimena Balic

10:30 - 11:00 Lecture Where grapevine virology is heading to

Giovanni P. Martelli

11:00 - 11:30 Coffee break

Session 1 ORAL Virus epidemiology

Chair: **Éva Várallyay**

11:30 - 11:45 O 1 Ecology of *Grapevine red blotch virus* in US vineyard ecosystems

Elizabeth J. Cieniewicz, Keith Perry, Marc Fuchs

11:45 - 12:00 O 2 *Grapevine leafroll-associated virus 3* retention and transmission by *Pseudococcus calceolariae*

Brogan McGreal, M. Sandanayaka, Kar Mun Chooi, Robin M. MacDiarmid

12:00 - 12:15 O 3 Temporal spread of Grapevine leaf mottling and deformation disease in the field

Nadia Bertazzon, Vally Forte, Mattia Di Gaspero, **Elisa Angelini**

12:15 - 12:30 O 4 Role of *Colomerus vitis* (Pagenstecher) in the epidemiology of grapevine leaf mottling and deformation in North-Eastern Italy

Valeria Malagnini, Carlo Duso, Domenico Valenzano, Alberto Pozzebon, Lucio Simonetti, Pier Luigi Bianchedi, Pasquale Saldarelli, Raed Abou Kubaa, Enrico De Lillo, **Valeria Gualandri**

12:30 - 12:45 O 5 Detection of *Grapevine Pinot gris virus* in different non-*Vitis* hosts in Hungary

Emese Demián, Nikoletta Czotter, **Éva Várallyay**

12:45 - 13:00 O 6 Temporal dynamics and spatial distribution of major grapevine viruses under cool climate field conditions in Ontario, Canada

Mehdi Shabanian, Huogen Xiao, Baozhong Meng

13:00 - 14:15 Lunch

Session 2 ORAL Virus and viroid diagnostics I

Chair: **Johan Burger**

14:15 - 14:30 O 7 Poor detection of grapevine leafroll disease in the rootstock Richter 99 (*Vitis berlandieri* X *Vitis rupestris*)

Megan Harris, **Gerhard Pietersen**

14:30 - 14:45 O 8 Improvement of double-stranded immunocapture for grapevine virus enrichment

Arnaud G. Blouin, Kar Mun Chooi, Robin M. MacDiarmid

14:45 - 15:00	O 9	Nanobody-based reagents as diagnostic tools for grapevine viruses	Magdalène Kosfitskas, Vianney Poignavent, Ahmed Ghannam, Christophe Debonneville, Antoine Alliaume, Denise Altenbach, Serge Muyltermans, Véronique Komar, Gérard Demangeat, Olivier Lemaire, Christophe Ritzenthaler
15:00 - 15:15	O 10	Rapid and non-destructive detection of Shiraz disease and grapevine leafroll disease on asymptomatic grapevines in Australian vineyards	Vinay Pagay , Nuredin Habili, Qi Wu, David Coleman
15:15 - 15:30	O 11	Molecular characterization of newly detected viruses in Chilean vineyards	Gabriela Medina, Carolina Fernández, Nicolás Quiroga, Daniela Soto, Weier Cui, Alan Zamorano , Nicola Fiore
15:30 - 15:45	O 12	Validation and harmonization of diagnostic methods for the detection of <i>Grapevine Pinot gris virus</i> (GPGV)	Andrea Gentili , Elisa Angelini, Anna Rosa Babini, Nadia Bertazzon, Gian Luca Bianchi, Simona Botti, Marica Calvi, Marco Cardoni, Paola Casati, Teresa Cosmi, Giorgio Gambino, Valeria Gualandri, Raied Abou Kubaa, Umberto Malossini, Marta Martini, Giovanna Mason, Alessandro Raiola, Claudio Ratti, Pasquale Saldarelli, Maria Rosaria Silletti, Giulia Tarquini, Francesco Faggioli
15:45 - 16:00	O 13	Simultaneous detection of the 13 viruses and 5 viroids affecting grapevine by molecular hybridization using a unique probe or 'polyprobe'	Jesús Ángel Sánchez-Navarro , Nicola Fiore, Alan Zamorano, Thor Vinícius Martins Fajardo, Vicente Pallás
16:00 - 16:30 Coffee break			
Session 3 ORAL Virus and viroid diagnostics II			Chair: Sebastián Gómez Talquena
16:30 - 16:45	O 14	Genetic diversity and identification of putative recombination events in <i>Grapevine rupestris stem pitting-associated virus</i>	Ilani Mostert , Johan Burger, Hans Maree
16:45 - 17:00	O 15	Occurrence of <i>Grapevine Roditis leaf discoloration-associated virus</i> in Mediterranean commercial vineyards in Turkey	Ç. Ulubaş Serçe , M.M. Doğaner, B. Altan, S. Önder, O. Çifçi, E. Elçi, Z.N. Öztürk Gökçe
17:00 - 17:15	O 16	Molecular characterization of divergent <i>Grapevine leafroll-associated virus 3</i> isolates in California, USA	Maher Al Rwahnih , Alfredo Diaz Lara, Vicki Klaassen, Kristian Stevens, Kari Arnold, Hans J. Maree, Deborah Golino
17:15 - 17:30	O 17	Absence of <i>Grapevine red blotch virus</i> in Swiss vineyards	Jean-Sébastien Reynard , Justine Brodard, Nathalie Dubuis, Vivian Zufferey, Schumpp Olivier, Santiago Schaerer and Paul Gugerli
17:30 - 17:45	O 18	High-throughput sequencing in grapevine certification program in Spain: towards establishing a standard protocol	Carlos V. Padilla, Enrico Cretazzo, María J. Alcalá, Isidro Hita, Leonardo Velasco

17:45 - 18:00	O 19	Occurrence of <i>Grapevine Pinot gris virus</i> (GPGV) and Grapevine Leaf Mottling and Deformation (GLMD) syndrome in France: genetic diversity and field monitoring in diverse viticulture areas	Anne-Sophie Spilmont , Anne-Frédérique Sevin, Jeremy Guinard, Monique Beuve, Antoine Alliaume, Armelle Marais, Chantal Faure, Thierry Candresse, Olivier Lemaire
18:00 - 18:15	O 20	Grapevine virus diagnosis in the central valley of Chile through the implementation of a TaqMan-based system	Felipe Gainza-Cortés , Paulina Arraño, Rosa Roa, Pablo Rodríguez, Ivo Agnic, Carlos Valdivia, Álvaro Gonzalez
18:15 - 18:30	O 21	Development of antibodies against <i>Grapevine Pinot gris virus</i> (GPGV) in rabbits and camelids	Vianney Poignavent, Magadalène Kosfiskskas, Léa Gerber, Christophe Ritzenthaler, Serge Muyldermans, Denise Altenbach, Christophe Debonneville
18:30 - 19:15	ICVG Steering Committee Meeting		

Tuesday, April 10

08:00	Departure field trip with buses from the meeting point to San Pedro Vineyard and Valentina grapevine Nursery
11:00	Arrival to San Pedro Vineyard
13:30	Lunch in Viveros Valentina, grapevine nursery
17:00	Departure return to Santiago

Wednesday, April 11

Session 4 ORAL Virus diagnostics

Chair: Marc Fuchs

Round Table 1: High Throughput Sequencing: Benefits and limitations

9:00 - 9:15	1	High Throughput Sequencing as a tool for viral pathogen diagnosis and expedited release of quarantined propagative plant material-current prospect and challenges	Maher Al Rwahnih
9:15 - 9:30	2	Current challenges in the application of High Throughput Sequencing for plant virus detection	Hans J. Maree
9:30 - 9:45	3	Round Table	Panel: Pasquale Saldarelli, Maher Al Rwahnih, Hans Maree
9:45 - 10:00	O 22	Genetic diversity of <i>Grapevine rupestris stem pitting-associated virus</i> isolates from spontaneous grapevines	Naima Mahfoudhi , Ilhem Selmi, Davide Pacifico, Arezki Lehad, Mounira Harbi Ben Slimane, Francesco Carimi
10:00 - 10:15	O 23	Sequence analysis reveals broad genomic variability of <i>Grapevine leafroll-associated virus 1</i> in three non-coding regions	Caihong Li, Huogen Xiao, Adrian Kuiper, Robert Wilson, Baozhong Meng
10:15 - 10:30	O 24	Complete genome sequence analysis of three strains of <i>Grapevine leafroll-associated virus 4</i> from Washington State vineyards	Jati Adiputra, Sridhar Jarugula, Rayapati A. Naidu

10:30 - 10:45	O 25	Detection and molecular characterization of newly emerging viruses in Greek vineyards	Lyto-Chrysoula Sasselou, Chrysoula Orfanidou, Kalliopi Moraki, Asimina Katsiani, Maria Zikou, Areti Nanou, Vasiliki Syggouna, Leonidas Lotos, Nikolaos I. Katis , Varvara I. Maliogka
10:45 - 11:00	O 26	Grapevine virus diseases in Canada: Current status and future perspectives	Sudarsana Poojari, Debra L. Moreau, Anna-Mary Schmidt, Debbie Inglis, Wendy McFadden-Smith, Kevin Usher, Daniel T. O'Gorman, Patricia Bowen, Carl Bogdanoff, D. Thomas Lowery, José Ramón Úrbez-Torres
11:00 - 11:30 Coffee break			
Session 5 ORAL New viruses, diseases of unknown etiology, others			Chair: Pasquale Saldarelli
11:30 - 11:45	O 27	Genetic diversity of <i>Australian grapevine viroid</i> isolates in Turkey	Nihal Buzkan , Döne Kılıç, Selin Ceren Balsak
11:45 - 12:00	O 28	<i>Grapevine line pattern virus</i> , an unknown but familiar grapevine virus	Levente Kontra, Emese Demián, Nikoletta Czotter, János Lázár, Lehoczky János, Éva Várallyay
12:00 - 12:15	O 29	<i>Grapevine fabavirus</i> and <i>Grapevine geminivirus A</i> in Japan	Takao Ito , Ryoji Nakaune
12:15 - 12:30	O 30	The virome of Nigerian vineyards	Aisha M. Zongoma, Danladi B. Dangora, Maher Al Rwahnih, Matthew D. Alegbejo, Sunday P. Bako, Olufemi J. Alabi
12:30 - 12:45	O 31	Evidence to support Syrah Decline is a non-infectious genetic syndrome in several Syrah selections	Joshua M. Puckett , Gerald Dangl, Deborah Golino, Maher Al Rwahnih
12:45 - 13:00	O 32	Characterising the viral and fungal diversity in old and young grapevines	Kristin Oosthuizen, Beatrix Coetzee, Hans J. Maree, Johan T. Burger
13:00 - 14:15 Lunch			
Session 6 ORAL Phytoplasmas I			Chair: Nicola Fiore
14:15 - 14:45	Lecture	Grapevine phytoplasmas a 2014-2108 update	Assunta Bertaccini
14:45 - 15:00	O 33	A potential new vector of aster yellows phytoplasma in vineyards in South Africa	Kerstin Krüger , David Read, Michael Stiller, Gerhard Pietersen
15:00 - 15:15	O 34	Potential role of <i>Euscelis incisus</i> Kirschbaum and <i>Dicranotropis hamata</i> Boheman in the transmission of 'Candidatus Phytoplasma solani' to grapevine	Nicola Mori , Fabio Quaglino, Francesco Sanna, Silvia Filisetti, Monica Faccincani, Piero A. Bianco
15:15 - 15:30	O 35	Spatial distribution of "bois noir" in four commercial vineyards cv Chardonnay	Sergio Murolo, Valeria Mancini, Gianfranco Romanazzi
15:30 - 15:45	O 36	Results of the surveillance for "flavescence dorée" phytoplasma and <i>Scaphoideus titanus</i> in the Republic of Srpska (Bosnia and Herzegovina)	Mariana Radulović, Snježana Hrnčić, Gordana Đurić, Duška Delić

15:45 - 16:00	O 37	Emergence of “flavescence dorée” in Croatia: distinct genetic clusters and new hotspots	Jelena Plavec, Željko Budinščak, Ivana Križanac, Ivana Samaržija, Dijana Škorić, Xavier Foissac, Martina Šeruga Musić
16:00 - 16:30 Coffee break			
Session 7 ORAL Phytoplasmas II			Chair: Assunta Bertaccini
16:30 - 16:45	O 38	A teaching tool or how to calculate the “bois noir” disease severity	Ana Rotter, Polona Kogovšek, Petra Nikolić, Neža Turnšek, Andrej Blejec, Kristina Gruden, Marina Dermastia
16:45 - 17:00	O 39	New insights on Grapevine yellows disease in North-Eastern Italy	Yuri Zambon, Diego Marchetti, Alessandro Canel, Assunta Bertaccini, Nicoletta Contaldo
17:00 - 17:15	O 40	Detection of diverse phytoplasmas in grapevine in Apulia region, Italy	Nicola Fiore , Nicoletta Contaldo, Michele Digiario, Toufic Elbeaino, Gianfranco D’Amico and Assunta Bertaccini
17:15 - 17:30	O 41	Comparative early transcriptome profiling of two grapevine varieties with very divergent susceptibility to “flavescence dorée”	Nadia Bertazzon, Paolo Bagnaresi, Davide Guerra, Elisabetta Mazzucotelli, Antonella Zechini, Luisa Filippin, Vally Forte, Elisa Angelini , Luigi Cattivelli
17:30 - 17:45	O 42	A multilocus sequence typing strategy to further characterise the Buckland Valley grapevine yellows phytoplasma	Francesco D’Ercoli, Cliff Kinoti, Nicoletta Contaldo, Brendan Rodoni, Assunta Bertaccini, Fiona Constable
21:00 Gala Dinner (20:00 Departure with buses from the meeting point towards the restaurant)			

Thursday, April 12

Session 8 ORAL Plant-virus interactions I			Chair: Olivier Lemaire
Round Table 2: Grape certification: Lessons and perspectives			
9:00 - 9:30	1	Round Table	Panel: Giovanni Martelli, Assunta Bertaccini, Nicola Fiore, Marc Fuchs
9:30 - 9:45	O 43	The use of transcriptome analysis to identify plant defense responses associated with grapevine leafroll disease in greenhouse vs. field plants	Rachelle Bester , Johan T. Burger, Hans. J. Maree
9:45 - 10:00	O 44	A single amino acid of <i>Grapevine fanleaf virus</i> determines symptomatology	Larissa Osterbaan , Marc Fuchs
10:00 - 10:15	O 45	Metagenomic-based impact study of GM grapevine rootstock: Importance of transgenic sequence insertions onto infecting-GFLV population diversity.	Olivier Lemaire, Shahinez Garcia, Sophie Gilg, Emmanuelle Vigne, Nils Poulicard, Gérard Demangeat, Claude Gertz, Sophie Gersch, Véronique Komar, Jean-Michel Hily
10:15 - 10:30	O 46	Transcriptomic analysis of grapevine cv. Gewurztraminer infected by two strains of <i>Grapevine fanleaf virus</i> with distinct phenotypes	Isabelle R. Martin , Emmanuelle Vigne, Véronique Komar, Amandine Velt, Jean-Michel Hily, Camille Rustenholz, Olivier Lemaire, Corinne Schmitt-Keichinger

10:30 - 10:45	O 47	Interactive responses of <i>Vitis vinifera</i> L. plants infected by Grapevine virus B (GVB) in field conditions leads to ameliorate berry secondary metabolism	Walter Chitarra, Danila Cuzzo, Alessandra Ferrandino, Francesca Secchi, Sabrina Palmano, Irene Perrone, Paolo Boccacci, Chiara Pagliarani, Ivana Gribaudo, Franco Mannini, Giorgio Gambino
10:45 - 11:15 Coffee break and posters take down			
Session 9 ORAL Plant-virus interactions II			Chair: Nihal Buzkan
11:15 - 11:30	O 48	Variable concentration ratios of <i>Grapevine leafroll-associated virus 3</i> genetic variants	Rachelle Bester, Dirk J. Aldrich, Johan T. Burger, Hans J. Maree
11:30 - 11:45	O 49	The influence of <i>Grapevine leafroll-associated virus 3</i> genetic variants on management initiatives in New Zealand	Kar Mun Chooi, Arnaud G. Blouin , Dan Cohen, V.A. Bell, D. Mundy, S. Nobilo, Robin M. MacDiarmid
11:45 - 12:00	O 50	Effects of <i>Grapevine leafroll-associated virus 2</i> infection on leaf sugar metabolism in <i>Vitis vinifera</i> cv. Malbec	Silvina Dayer, Nancy Setién, Sabrina Moyano, Sebastián Gómez Talquenca
12:00 - 12:15	O 51	Is <i>Grapevine leafroll-associated virus 7</i> associated with leafroll disease?	Jean-Sébastien Reynard , Paul Gugerli
12:15 - 12:30	O 52	Improvement of a protocol for sanitation and early diagnostic validation of autochthonous grapevine germplasm	Raied Abou Kubaa, Massimiliano Morelli, Antonia Campanale, Massimo Morano, Leonardo Susca, Pierfederico La Notte, Angelantonio Minafra, Pasquale Saldarelli , Vito Nicola Savino, Giovanna Bottalico
12:30 - 12:45	O 53	The PATHOGEN project: a new approach to improve grapevine virus knowledge and management	M. Di Gaspero, J. Guinard, A.M. Pesqueira, E. Angelini, A.S. Spilmont, D. Duran, O. Yobregat, T. Bettati, E. Hugo, L. Audeguin, Cristina Cabaleiro
12:45 - 13:30 General Assembly and Closing of 19 th ICVG Congress			
13:30 Lunch			

Poster sessions tentative program

9 to 12 of April

Session 10 Poster

P 1	Field survey and molecular characterization of Californian isolates of Grapevine Pinot gris virus	Maher Al Rwahnih , Deborah Golino, Nathaniel Westrick, Alfredo Diaz Lara, Monica Cooper, Rhonda Smith, Mark Battany, Larry Bettiga, Shijian Zhuang, Kari Arnold, Kristen Farrar, Adib Rowhani
P 2	Status of grapevine viruses in Texas vineyards	Olufemi J. Alabi , Sheila McBride, David Appel

P 3	Digital image analysis of leafroll symptoms and damage assessment for different GLRaV-3 isolates	Ana M. Pesqueira, Claudia Vieito, Julián J. García-Berrios, Cristina Cabaleiro
P 4	Detection of <i>Grapevine fanleaf virus</i> (GFLV) by tissue printing ELISA	Ana M. Pesqueira, Cristina Cabaleiro
P 5	Serotyping <i>Grapevine leafroll-associated virus 3</i>	Dan Cohen, Maher Al Rwahnih, Kar Mun Chooi, Arnaud Blouin , Robin MacDiarmid
P 6	Field performances and grape quality of the same clone of 'Nebbiolo' (<i>Vitis vinifera</i> L.) when infected by GLRaV-1+GVA, GVA or healthy	Danila Cuozzo, Walter Chitarra, Alessandra Ferrandino, Ivana Gribaudo, Giorgio Gambino , Franco Mannini
P 7	Detection and sequence analyses of vitiviruses in the Mediterranean	Toufic Elbeaino , Hamza Chammem, Michele Digiaro
P 8	Discovery and partial characterization of a novel virus, tentatively named <i>Grapevine virga-like virus</i>	João Marcos Fagundes Silva, Bruna Ribeiro de Melo Pereira, Maher Al Rwahnih, Rosana Blawid, Tatsuya Nagata, Thor Vinícius Martins Fajardo
P 9	Detection of <i>Grapevine leafroll-associated virus 9</i> (GLRaV-9) in plant host and vector insect (<i>Planococcus ficus</i>) in Turkey	Nihal Buzkan , Angelantonio Minafra, Pierfederico La Notte, Serpil Karadağ, Agah Aktan, Yair Ben Dov
P 10	Survey on Grapevine Yellows and their vectors in the Republic of Moldova	Victor Bondarciuc, Luisa Filippin, Evghenii Haustov, Vally Forte2 Elisa Angelini
P 11	Molecular characterization of "bois noir" phytoplasma strains in a single vineyard in central Serbia	Nicoletta Contaldo, Nemanja Kuzmanovic, Aleksa Obradovic, Assunta Bertaccini
P 12	First report of <i>Clematis vitalba</i> and <i>Ailanthus altissima</i> infected with 16S V-C subgroup phytoplasma in Bulgaria	Nikolay Genov, Elisa Angelini , Luisa Filippin
P 13	Robotic tools towards a new sustainable and eco-friendly IPM to control grapevine "flavescence dorée"	Esmeraldina Sousa , Tiago Ramalho, João Gueifão, Isabel Rodrigues, Eugénia Andrade, Margarida Santos, Pedro Petiz
P 14	Transient expression of grapevine phytoplasma 16SrIII-J pathogenic factors using a TMV-based vector	Camila Gamboa, Weier Cui, Nicola Fiore, Alan Zamorano
P 15	Comparative analysis of six diagnosis methods for <i>Grapevine fanleaf virus</i>	Shahinez Garcia, Jean-Michel Hily, Véronique Komar, Olivier Lemaire, Emmanuelle Vigne
P 16	Genetic diversity of <i>Grapevine leafroll-associated virus-2</i> isolates in Turkey	Nihal Buzkan , Merve Yakar, Selin Ceren Balsak
P 17	<i>In silico</i> detection of a defective genomic RNA of <i>Grapevine leafroll-associated virus 4</i> strain 5 in High-Throughput sequencing data	João Marcos Fagundes Silva, Rosana Blawid, Tatsuya Nagata, Thor Vinícius Martins Fajardo

P 18	Deep sequencing analysis of Grapevine pinot gris virus (GPGV) isolates from Lazio and Sardinia	Andrea Gentili , Marta Luigi, Vanda Prota, Nicola Schianchi, Gabriele Moro, Pasquale Saldarelli, Annalisa Giampetruzzi, Francesco Faggioli
P 19	Group II variants of <i>Grapevine virus A</i> are associated with Shiraz Disease in Australia	Nuredin Habili, Qi Wu, Maher Al Rwahnih, Vinay Pagay
P 20	Occurrence of <i>Grapevine virus D</i> (GVD) in Turkish vineyards	Nihal Buzkan , Mustafa Kemal Öztırak, Selin Ceren Balsak
P 21	Genomic characterization of <i>Grapevine virus J</i> , a novel virus identified in grapevine	Alfredo Diaz-Lara, Deborah Golino, Maher Al Rwahnih
P 22	The past and future of <i>Grapevine fanleaf virus</i>	Christophe Ritzenthaler
P 23	<i>Grapevine Syrah virus-1</i> and <i>Grapevine Pinot gris virus</i> prevalence and variability in Turkish grape varieties	Ç. Ulubaş Serçe* , S. Önder, O. Çifçi, B. Altan, E. Elçi, Z.N. Öztürk Gökçe
P 24	Proteomic analysis of a GRBV-infected grapevine	Jean-Sébastien Reynard , Sophie Braga-Lagache, Natasha Buchs, Anne-Christine Uldry, Christophe Debonneville, Manfred Heller
P 25	Nanobodies against GFLV and ArMV: ready for the diagnostic of fanleaf in vines?	Anne-Sophie Spilmont , Isabelle Beccavin, Gérard Demangeat, Léa Ackerer, Magdalène Kosfitskas, Christophe Ritzenthaler
P 26	Survey of grapevine viruses in Perú	María J. Gonzales-Llontop , Hanna Cáceres, Marisa Lozano, Jorge Tenorio
P 27	Grapevine viruses in three provinces of Pakistan	Sunniya Rasool, Shagufta Naz, Adib Rowhani, Deborah A. Golino, Kristen D. Farrar, Maher Al Rwahnih
P 28	Detection of grapevine viruses, viroids and Stolbur-group phytoplasma ' <i>Candidatus</i> phytoplasma solani' in grapevine using next-generation sequencing	Kerstin Zikeli, Constanze Berwarth, Christoph Hoffmann, Michael Maixner, Wilhelm Jelkmann
P 29	The Davis Grapevine Virus Collection – A Current Perspective	Joshua M. Puckett , Maher Al Rwahnih, Vicki Klassen, Deborah Golino
P 30	Deep sequencing analysis of viruses infecting grapevines: Discovery of two new and highly distinct variants of <i>Grapevine leafroll-associated virus 3</i>	Huogen Xiao, Caihong Li, Maher Al Rwahnih, Valerian Dolja, Baozhong Meng
P 31	Development of a quantitative PCR assay for the detection of <i>Grapevine red blotch virus</i>	Jean-Sébastien Reynard, Justine Brodard, Manfred Heller, Matthew Hall, Christophe Debonneville
P 32	Identification and detection of Grapevine leafroll viruses and <i>Grapevine fanleaf virus</i> in the process of production of certified planting of grapes in the south of Ukraine	Vyacheslav Vlasov, Anastasia Konup, Lyudmila Konup , Violetta Chistyakova, Natalia Nikolaeva