

Poster Session Tuesday, 05 April 2022

- Pathogenesis-related proteins of *Arabidopsis thaliana* in response to combination of abiotic (salinity) and biotic (fungus gnats and dodder) stresses
Lyuben Zagorchev, Denitsa Teofanova, Kristiyana Georgieva, Alexandra Atanassova
- Genome-wide characterization of WD40 protein family in *Monilinia fructigena*
Antonios Zambounis, Aliko Xanthopoulou
- RNA sequencing-based transcriptional profiling of kiwifruit during infection by *Botrytis cinerea*
Antonios Zambounis, Ioannis Ganopoulos, Dimitrios Valasiadis, Lefkothea Karapetsi, Panagiotis Madesis
- Infection and colonization of grapevine propagation material by pathogens associated with young grapevine decline in Greece
Christos Tsoukas, Aliko Tzima, Alexandra Triantafyllopoulou, Epameinondas Paplomatas
- Investigation of the disease-associated role, cellular localization and secretion of the thermo unstable translation elongation factor (Ef-tu) encoded by the vascular wilt fungus *Verticillium dahliae*
Georgios Patsis, Alexandra Triantafyllopoulou, Danai Gkizi, Seogchan Kang, Aliko Tzima, Epameinondas Paplomatas
- *Bactrocera oleae* as a transmitting agent of olive drupes anthracnose caused by *Colletotrichum acutatum*.
Polyxeni Adami, Panagiota Velaeti, Christos Tsoukas, Sofia Dervisoglou, Epameinondas Paplomatas, Dionysios Perdikis
- Manipulation of ACC (1-aminocyclopropane-1-carboxylic acid) deaminase gene in *Verticillium dahliae* revealed a binary role for ACC in regulating virulence and plant defense: two sides of the same coin
Maria-Dimitra Tsolakidou, Iakovos Pantelides, Aliko Tzima, Seogchan Kang, Epameinondas Paplomatas, Dimitris Tsaltas
- Phenotypic and molecular responses of potato genotypes to infection by pathotype 18(T1) of *Synchytrium endobioticum* (Schilb.) Perc
Theoni Margaritopoulou, Ioannis Theologidis, Dimosthenis Kizis, Nikos Vakirlis, Christos Kritikos, Dimitrios Tsirogiannis, Irene Vloutoglou
- BAM3 plays a significant role in host resistance against *Fusarium oxysporum*.
Eleni Kalogeropoulou, Konstantinos Aliferis, Maira Lykogianni, Sotiris Tjamos, Irene Vloutoglou, Epameinondas Paplomatas
- Evaluation of foliar resistance of Greek wine grape varieties to downy mildew by phenotyping methods and comparative transcriptomic and proteomic analyses.
Eleni Kalogeropoulou, Dimitrios Tsirogiannis, George Tsiolas, Dimosthenis Kizis, Eirini Baira, Ioannis Theologidis, Emmanouil Margaritis, Christos Kritikos, Petros Batakis, Anagnostis Argiriou, Emilia Markellou, Irene Vloutoglou
- Exploring the selective signatures upon LRR-containing genes towards their functional diversification... the cases of cherries and mulberries
Antonios Zambounis, Ioannis Ganopoulos, Athanasios Tsafaris, Panagiotis Madesis
- Genetic and structural diversity of disease resistance genes through whole genome re-sequencing of sweet cherry (*Prunus avium* L.) cultivars
Antonios Zambounis, Ioannis Ganopoulos, Athanasios Tsafaris, Panagiotis Madesis, Athanasios Molassiotis, Aliko Xanthopoulou
- Transcriptome analysis and gene expression profile in response to drought stress in *Citrus macrophylla* stem tissues
Melina Silva, Patricia Pinto, Amilcar Duarte, Susana Dandlen, Rui Guerra, Deborah Power, Natalia Marques
- Efficiency of different proactive measures in the management of *Verticillium* wilt of potato in Lebanon
Farah Baroudy, Luciana Saade, Zakhia Mahfouz, Carine Saab, Elvis Gerges, Wassim Habib

Poster Session Tuesday, 05 April 2022

- Endophytic bacteria as potential biocontrol agents against *Phaeoemoniella chlamydospora*, the dominant causal agent of Petri disease in grapevines
Christos Tsoukas, Aliko Tzima, Epaminondas Paplomatas
- Monitoring of Copper persistence on Plants by Active Thermography
Massimo Ripa, Valerio Battaglia, Michele Cermola, Pasquale Mormile, Ernesto Lahoz
- Fungicide resistance of *Botrytis fabae* population isolated from faba bean in Morocco.
Sarrah Aouzal, Silvia Toffolatti, Hajare Errati, Rachid Mentag, Hafsa Houmairi, sanee Krimi Bencheqroun
- Integrated management of *Aspergillus carbonarius* and ochratoxins in vineyards in Greece
Maria Iliadi, christina lagogianni, Michalis Kaminiaris, Elisavet Foteini Varvouni, Maria Varveri, Eirini Poulaki, Charikleia Kavroumatzi, Emmanouil Margaritis, Konstantinos Politis, Nikolaos Mastrodimos, Adamantia Varympopi, Dimitris Tsitsigiannis
- IKOPROTECTA - Agricultural composted products as plant protection and growth regulators
Maria Varveri, Alexandros Bakos, Panagiotis Gianniotis, Dimitris Tsitsigiannis
- Investigation of DMI-fungicides sensitivity and resistance in grape powdery mildew (*Erysiphe necator*) populations in Hungary.
Zsolt Spitzmüller, Xénia Karácsony-Pálfi, Alexandra Pintye, Orsolya Molnár, Márk Z. Németh, Levente Kiss, Gábor M. Kovács, Kálmán Z. Váczy
- Markers of resistance to succinate dehydrogenase inhibitor fungicides in *E. necator* populations in Hungary
Diána Seress, Fruzsina Matolcsi, Orsolya Molnár, Alexandra Pintye, Áron N. Horváth, Gábor M. Kovács, Márk Z. Németh
- Expression of Tomato spotted wilt virus genes in antisense orientation affects virus progression in *Nicotiana benthamiana*
Vanessa Pires, Susana Dandlen, Gustavo Nolasco, Rosário Félix, Patrick Materatski, Carla Varanda, Natalia Marques

Poster Session Wednesday, 06 April 2022

- Polysaccharides and plant protection against *Verticillium dahliae*.
Panagiotis Neofytou, Danaï Gkizi, Sotiris Tjamos
- Soil solarisation and biological control of soil borne pathogens in strawberry plantations
Andreas Tzionis, Io Kefalogianni, Iordanis Chatzipavlidis, Sotiris Tjamos
- The multiple effects of the biocontrol agent *Pseudomonas putida* Z13 against *Botrytis cinerea* in tomato fruits
Litsa Ampntelnour, Eirini G. Poulaki, Sotiris E. Tjamos
- Characterization of rhizobacteria from Cyprus indigenous wine grape cultivars bearing antagonistic traits against grapevine trunk pathogens.
Loukas Kanetis, Chrysostomos Oplous, Styliana Efstathiou
- A newly reported bacteriophage against *Pseudomonas syringae* pv. tomato and its plant protective activity.
Polyxeni Papazoglou, Dimitrios Skliros, Eleni Paraskevopoulou, Danaï Gkizi, Dimitrios Goumas, Sotiris Tjamos, Emmanouil Flemetakis
- Evaluation of biological and synthetic plant protection products for the management of downy mildew in grapevines
Charikleia Kavroumatzi, Maria Iliadi, Maria Varveri, Dimitra Akrivopoulou, Dimitrios Tsitsigiannis
- Antifungal and phytotoxic properties of essential oil isolated from three spontaneous Lamiaceae species from Morocco against the main chickpea pathogens.
Sanae Krimi Bencheqroun, Amal Ennouri, Abdeslam Lamiri
- Effects of the leafy liverwort extract on plant pathogenic fungi causing olive fruit rot and gray mold of strawberry
Jelena Latinovic, Marko Sabovljevic, Milorad Vujičić, Nedeljko Latinović, Aneta Sabovljević
- The phenolic responses in callus to the scion sanitary status and disinfectants allowed in the biological grapevine nurseries in Slovenia
Denis Rusjan, Saša Gačnik, Maja Mikulič Petkovšek
- *Melia azedarach* induces the expression of marker genes involved in tomato defense responses against nematodes
Afroditi Krokida, Dimosthenis Kizis, Maria Samara, Nikoletta Ntalli
- In vitro and in vivo antifungal properties of Thymol against *Ascochyta rabiei*
Fatima Zahrae Ibn el Mokhtar, Hajare Errati, Hafsa Houmairi, Sanae Krimi Bencheqroun
- Antifungal and phytotoxic properties of essential oil isolated from three spontaneous Lamiaceae species from Morocco against the main chickpea pathogens.
Sanae Krimi Bencheqroun, Amal Ennouri, Lamyae Et-tazy, Hajare Errati, Abdeslam Lamiri
- Potential of different microbial agents for biocontrol of early blight disease of potato and tomato
Zarko Ivanovic, Tijana Zivkovic, Danica Zezelj
- BIOVEXO, a BBI-JU-H2020 project on biocontrol of Xylella and its vector in olive trees for integrated pest management
Stéphane Compant

Poster Session Wednesday, 06 April 2022

- An emerging threat to chestnut nuts: *Gnomoniopsis castanea* in the Northern Apennines
Edoardo Scali, Chiara Aglietti, Luisa Ghelardini, Paolo Capretti, Alessandro Guidotto, Sara Pini
- Wheat rusts monitoring in Tuscany and Sicily: re-emergence of stem rust on both durum and common wheat cultivars
Marco Nocentini, Laura Mugnai, Biagio Randazzo, Mogens Støvring Hovmøller, Mehran Patpour, Annemarie Fejer Justesen
- Diversity of dangerous fungal and fungus-like pathogens of fruit and berry crops in Russia
Yulia Tsvetkova, Dmitriy Shukhin, Ana Kuznetcova
- Characterization and distribution of *Pseudomonas syringae* pv. *syrinae* on wheat in Syria
Mohammad Kassem, Nader Asaad, Safaa Kumari, Abdul Rahman Moukahel
- *Diatrype stigma* and *D. whitmanensis* associated with canker and dieback of Russian olive (*Elaeagnus angustifolia* L.) trees in Iran.
Fatemeh Ahmadyousefi- Sarhadi, Hamid Mohammadi, Saleh Panahandeh
- Identification of *Venturia asperata* on scab-resistant apple cultivars in South Tyrol (Italy)
Sabine Oettl, Evi Deltedesco
- Occurrence of *Monilinia* species in South Tyrolean (Italy) sweet cherry orchards
Urban Spitaler, Anna Pfeifer, Sabine Hauptkorn, Evi Deltedesco, Sabine Oettl
- Chemical management of *Colletotrichum acutatum* causing olive anthracnose
Maria Varveri, Maria Iliadi, Charikleia Kavroumatzi, Dimitrios Tsitsigiannis
- Fungicide sensitivity and genetic diversity of *Botrytis cinerea* populations from conventional and organic tomato and strawberry fields in Cyprus and Greece
Loukas Kanetis, Georgios Makris, Nikolaos Nikoloudakis, George Karaoglanidis, Anastasios Samaras
- Exploration of non-enzymatic wood degradation pathway in *Fomitiporia mediterranea*, the historical Esca agent. S. Moretti, M. L. Goddard, J. Lalevée, S. Di Marco, L. Mugnai, C. Bertsch And S. Farine
- Biocontrol by atoxigenic *Aspergillus* strains and *Trichoderma* spp. C. Altomare, A. Logrieco.

Poster Session Thursday, 07 April 2022

- Protection of grapevine pruning wounds against natural infections by trunk disease fungi
Rebeca Bujanda, Beatriz López-Manzanares, Sonia Ojeda, Oihane Oneka, Luis Gonzaga Santesteban, Julian Palacios, David Gramaje
- Fungal Trunk Pathogens Associated with *Juglans regia* in the Czech Republic
Jakub Pečenka, Milan Spetik, Tomas Necas, Ivo Ondrasek, Josep Armengol, Maela Leon, Carmen Berlanas, David Gramaje, Ales Eichmeier
- Preliminary observations on the interaction among *Neocosmospora solani* (syn. *Fusarium solani*), *Neofusicoccum batangarum* and *Opuntia ficus-indica*
Santella Burruano, Selene Giambra, Giorgio Gusella, Gaetano Conigliaro, Giuseppe Surico, Laura Mugnai
- An innovative protocol for the monitoring and onsite detection of *Erwinia amylovora* in Sicily
Franco Valentini, Franco Santoro, Marilita Gallo, lahsen oualguirah, Anna Maria D'Onghia
- Development of reagent kits for the identification of *Candidatus Phytoplasma mali* and *Candidatus Phytoplasma pyri* using Real-time PCR
Ida Bashkirova, Galina Bondarenko, Alexey Shvartsev, Yakov Alexeev, Sophya Blinova
- Development of an algorithm of recognition for the automatic reading of nitrocellulose membranes processed by DTBIA (Direct Tissue Blot Immunoassay)
Stefania Gualano, Ester Pantaleo, Franco SANTORO, Dajana Frasheri, Anna Maria D'Onghia
- Phenometabolomics of olive quick decline syndrome using nuclear magnetic resonance, hyperspectral reflectance and integrative chemometrics analysis
Franco Santoro, Ahmed Elhoussein M.f.m.h., Stefania Gualano, Biagia Musio, Anna Maria D'Onghia, Vito Gallo
- Evaluation of resistance of grape varieties to *A. carbonarius* and ochratoxin contamination
Maria Iliadi, Dimitris Tsitsigiannis
- Characterization of *Alternaria* species associated with black point of wheat kernels in Lebanon
Mario Masiello, Wassim Habib, Romy El Ghorayeb, Elvis Geroges, Carine Saab, Antonella Susca, Giuseppe Meca, Juan Manuel Quiles, Antonio Francesco Logrieco, Antonio Moretti
- Cultivar-dependent differences in the phyllosphere-associated mycobiome of grapevine (*Vitis vinifera*)
Anna Molnár, József Geml, Adrienn Geiger, Carla Mota Leal, Glodia Mantwa Kgobe, Adrienn Mária Tóth, Szabolcs Villangó, Lili Mézes, Attila Márk Czeglédi, Zsolt Zsófi
- Selecting tolerant strawberry and melon germplasm to the fungus *Macrophomina phaseolina*.
sahar youssef, Ahmed Shalaby, Stanley Freeman
- Identification and characterization of *Fusarium solani* and *Dematophora necatrix* on hemp (*Cannabis sativa* L.) in southern Italy
Roberto Sorrentino, Valerio Battaglia, Francesco Raimo, Domenico Cerrato, Giulio Piccirillo, Antonio Merola, Ernesto Lahoz
- Behavior characterization of durum wheat varieties to distinct strains of *Pyrenophora tritici-repentis* (Tan spot) in field and controlled conditions
Salma Tissaoui, Amira Mougou-Hamdane, Noura Omri-Ben Youssef, Bouzid Nasraoui

Poster Session Thursday, 07 April 2022

- Effect of rootstock and viroid infection on yield and composition of peel's essential oil of the Tunisian sweet orange (*Citrus sinensis*) cv. Maltaise
Ghaya Zouaghi, Asma Najar, Abdelkarim Aydi, Alberto Claumann, André Zibetti, Ahmed Jemmali, Fathi Moussa, Manef Abderrabba, Nadia Chammem
- Decision Support Systems to improve crop protection, productivity and sustainability: piloting and internationalization
Matteo Ruggeri, Pierluigi Meriggi, Asterios Kartsiaflekis, Sara Elisabetta Legler
- Metagenomics analysis of fungal communities associated with postharvest diseases in pear fruits.
Antonios Zambounis, Ioannis Ganopoulos, Panagiotis Madesis
- DNA-based comparison of plant pathogenic fungi between grapevine and wild woody Rosaceae with a focus on trunk diseases
Luca Annamaria Lepres, József Geml, Adrienn Geiger, Zoltán Karácsony, Zoltán Kálmán Váczy, András Táncsis
- Grapevine environmental DNA provides insights into temporal succession of plant pathogenic fungi under organic and conventional management
Carla Mota Leal, Adrienn Geiger, József Geml