MPU 2022

MONDAY 04 APRIL



17:00 - 19:00	REGISTRATION	
18:30 - 20:00	WELCOME RECEPTION	

MPU 2022

TUESDAY 05 APRIL

9:00-9:30	Opening Session Chair: D. Tsitsigiannis & D. Tsaltas Room: Panorama
9:30-10:00	European and Mediterranean Plant Pathology Chair: Dimitris Tsitsigiannis Room: Panorama
	Euphresco: a platform to link research and policy in the Mediterranean area and beyond **Baldissera Giovani** **Baldissera G
	CIHEAM Policy in Plant Health to Enhance Food Security in the Mediterranean Region Anna Maria D'Onghia
10:00-10:30	Opening Keynotes Chair: Dr Dimitris Tsaltas Room: Panorama
	Plant Biology and Climate Emergency <i>Dirk Inze</i>
10:30 - 11:00	COFFEE BREAK & POSTER SESSION I
11:00 - 13:15	Why Gender matters in Plant Pathology and beyond Special Session offered by Gender-SMART
	Room: Panorama
	Room: Panorama Keynote Talk Gender in plant health and pathology: Exploring the research agenda Margreet Van der Burg
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	Keynote Talk Gender in plant health and pathology: Exploring the research agenda Margreet Van der Burg How gender equality, innovation and excellence in research are highly correlated? Practices, Tools & Methods Panayiota Polykarpou Better together: Gender Diversity and Inclusion in the workplace
	Keynote Talk Gender in plant health and pathology: Exploring the research agenda Margreet Van der Burg How gender equality, innovation and excellence in research are highly correlated? Practices, Tools & Methods Panayiota Polykarpou Better together: Gender Diversity and Inclusion in the workplace Maria Angeli Round Table Discussion What are the benefits of diversity and equal representation of genders in academia and industry?

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TUESDAY 05 APRIL

14:30-15:00	Keynote Talk Molecular host-microbe interactions in plants: from microbes to host innate immuni Panayiotis Sarris		o host innate immunit
15:00-16:00	Molecular host-microbe interactions in plants: from microbes to host innate immunit - Session A Room: Panorama	ASPP-Session A Chair: Khaled Makkouk Room: Megaron C	Workshop-Understanding Invasive Forest Diseases (15:00-18:00) Matteo Gorbelloto Room: Megaron B
	Uncovering the mechanisms involved in Pinus pinaster resistance to pine wilt disease by analysis ofcoding and non-coding transcriptomes **Celia Migue**	Pathogenic viability of wheat rust diseases in the southern and eastern Mediterranean region: currentstatus, challenges, and regional collaboration Kumarse Nazari	
	The necrosis and ethylene inducing gene VdNEP as a molecular marker for differentiation between Verticillium dahliae pathotypes Alexandra Triantafyllopoulou, Aliki Tzima, Andriani Tzanaki, Olga-lakovina Balomenou, Ioannis Tsoutsos, Rafael Jimenez-Diaz, Epaminondas Paplomatas	Epidemiology and management of legume and cereal viruses in Arab and Mediterranean region Safaa Kumari , Asma Najar, Nader Asaad, Abdul Rahman Moukahel	
	Biological Control of Aspergillus carbonarius and Botrytis cinerea in Grapevine Berries and Transcriptomic Changes of Genes Encoding Pathogenesis-Related (PR) Proteins. Danai Gkizi , Eirini Poulaki, Sotiris Tjamos	Phytoplasmal and Viral diseases of fruit crops in the East Mediterranean countries <i>Elia Choueiri</i>	
	Comparative proteome analysis provides new insights into the complex responses of Citrus aurantium grafted with C. sinensis and infected with Citrus tristeza virus Marlene Trindade, Susana Dandlen, Liliana Anjos, Amilcar Duarte, Deborah Power, Natalia Marques	Rapid risk appraisal for potential entry, establishment and spread of Xylella fastidiosa in NENA countries Thaer Yaseen, Michele Digiaro, Khaled Djelouah, Hamid El Bilali, Gianluigi Cardone	
16:00 - 16:30	COFFEE BREAK & POSTER SESSION I		

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TUESDAY 05 APRIL

16:30-17:30	Molecular pathogen-host interactions - Session B Chair: Panagiotis Sarris & Epaminondas Paplomatas Room: Panorama	ASPP-Session B Chair: Khaled Makkouk Room: Megaron C
	Bacillus velezensis K165 mediated resistance against Verticillium dahliae, Botrytis cinerea and Hyaloperonospora arabidopsidis and the role of histone acetyltransferases in biocontrol Danai Gkizi , Marius Malai, Korina Douka, Eirini Poulaki, Vardis Ntoukakis, Sotiris Tjamos	Fusarium head blight and crown rot diseases of wheat in Algeria and other southern Mediterranean countries: distribution, identification and pathogenicity of associated species <i>Houda Boureghda</i>
	Enriched epigenetic marks at Pm-0 locus genes prime courgette and induce SAR responses against the causing agent of powdery mildew Theoni Margaritopoulou , Dimosthenis Kizis, Dimitris Kotopoulis, Ioannis Papadakis, Christos Anagnostopoulos, Eirini Baira, Aikaterini Termentzi, Katialena Vichou, Carlo Leifert, Emilia Markellou	Evaluation of the susceptibility of improved and landrace durum wheat genotypes to Zymoseptoria tritici under nitrogen supply *Marwa Hassine*, Sawsen Ayadi*
	Keynote Talk Genome editing: Enabling genome editing for European agriculture: will scientific evidence prevail? Dirk Inze	Determination of antibiotic residues in the endemic spurge honey (Euphorbia Resinifera o. Berg) from Morocco using biochip multi array technology and LC-MS/MS Rania Benjamaa, Abdel Khalid Essamadi, Abdelkarim Moujanni, Boubker Nasser
18:00 - 19:30	MPU Genera Room: Pa	

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WEDNESDAY 06 APRIL

9:00 - 9:30	Keynote The plant inside as a diverse microhabit behaviour of beneficial endophytes an Stéphane (Room: Pa	tat: communities, niches, colonization d relation to plant growth and health Compant
9:30 - 10:30	Xylella fastidiosa research in Europe Chair: Loukas Kanetis Room: Panorama	Biocontrol, natural compounds and plant defense stimulants-Session - A Chair: Stéphane Compant & Sotiris Tjamos Room: Megaron C
	Keynote Talk Current situation of Xylella fastidiosa impact in Spain: Main research initiatives ongoing to understand and tackle this pathogen Blanca B Landa Keynote Talk The sanitary crisis caused by Xylella fastidiosa, a plant pathogenic bacterium recently discovered in Europe with a focus on the situation in France. Marie-Agnès Jacques, Enora Dupas, Sophie Cesbron	Physiological, cellular, and molecular responses of Cucurbita pepo genotypes infected by Podosphaera xanthii and treated with Reynoutria sachalinensis plant extract. Theoni Margaritopoulou, Dimosthenis Kizis, Ioanni Theologidis, Aikaterini Termentzi, Eirini Baira, Manousos Makridakis, Jerome Zoidakis, Nikolaos Vakirlis, Eleftheria Toufexi, George Balayiannis, Christos Anagnostopoulos, Aikaterini - Eleni Vichou, Leonidas Rempelos, Carlo Leifert, Emilia Markellou Bacterial mixtures - Combining compatible endophytic Bacillus strains with strong biological control potential in vitro and ex vivo. Polina Tsalgatidou, Eirini-Evangelia Thomloudi, Eirini Baira, Panagiotis Katinakis, Anastasia Venieraki The effect of volatile organic compounds emited by the biocontrol agent Paenibacillus alvei K165 grown on Luria Broth medium against Verticillium dahliae Eirini Poulaki, Floriane L' Haridon, Réjane Carron, Laure Weisskopf, Sotiris Tjamos Valorization of Gelidium sesquipedale residue in the control of Ascochyta blight of chickpea Hajare Errati, Salim Lebbar, Khadija Dari, Lahoucine Hilali, Sanae Krimi Bencheqroun
10:30 - 11:00	COFFEE BREAK & PO	STER SESSION II

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WEDNESDAY 06 APRIL

11:00 - 13:00	Invasive pathogens and emerging diseases - Session A	Biocontrol, natural compounds and plant defense stimulants - Session B
	Chair: Marie Agnes Jacques & Matteo Garbelotto	Chair: lakovos Pantelides & Anastasia Venieraki
	Potential insect vectors of Xylella fastidiosa in Morocco: case of spittlebug	Trichoderma atroviride SC1: The biocontrol solution for grapevine pathogens and other important crops
	Najat Haddad , Imane Mrabti, Mohamed Afechtal, Kaoutar El Handi, Rachid Benkirane, Moulay Chrif Smaili	Maria Kaiafa , Andrea Nesler, Jonas Goossens, Ann Vermaete
	Modelling temperature response of Xylella fastidiosa strains and xylem vessel temperature on woody plants Miguel Román Écija , Blanca B Landa, Luca Testi, Juan Antonio Navas Cortés	Evaluation of the biocontrol capabilities of Clonostachys rosea against grapevine trunk diseases Adrienn Geiger, Zoltán Karácsony, József Geml, Kálmán Zoltán Váczy
	Spread and current situation of Fusarium oxysporum f. sp. cubense tropical race 4 affecting banana in Israel and the Middle East Stanley Freeman, Marcel Maymon, Noa Sela, Uri Shpatz, Navot Galpaz	Evaluation of biological and synthetic plant protection products for the management of Alternaria leaf blight in carrots Charikleia Kavroumatzi , Maria Iliadi, Dimitra Akrivopoulou, Eirini Poulaki, Dimitris Tsitsigiannis
	New and emerging fungal diseases of super-high- density olive trees in California. Florent Trouillas, Mohamed Nouri, Renaud Travadon, Daniel Lawrence	Evaluation of biological control agents for the protection of almond pruning wounds against fungal canker pathogens. Renaud Travadon, Daniel Lawrence, Sampson Li, Florent Trouillas
	A New Disease Complex Threatening Fig (Ficus carica L.) in Southern Italy <i>Wassim Habib</i> , <i>Vincenzo Cavalieri</i> , <i>Mariangela</i> <i>Carlucci</i> , <i>Crescenza Dongiovanni</i> , <i>Franco Nigro</i>	Mineral oils against powdery mildew: how paraffin oil induces resistance in grapevine against Erysiphe necator and how is applicable in disease management Xénia Pálfi , Miklós Lovas, Zoltán Karácsony, János Kátai, Kálmán Zoltán Váczy, Zsolt Zsófi
		Endophytic Trichoderma spp. from Hungarian grapevines with biocontrol potential Csilla Kovács, András Csótó, Károly Pál, Antal Nagy, Erzsébet Fekete, Levente Karaffa, Christian P. Kubicek, Erzsébet Sándor
		Towards Nutrition-Sensitive Agriculture: an evaluation of biocontrol effects, nutritional value, and ecological impact of bacterial inoculants Gul-i-Rayna Shahzad , Paola Casati, Alessandro Passera, Violetta Vacchini, Giacomo Cocetta, Antonio Ferrante, Laura Piazza, Ali Abdohllai Arpanahi

13:00 - 14:00

LUNCH BREAK

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WEDNESDAY 06 APRIL

14:00 - 15:00	Invasive pathogens and emerging diseases - Session B Chair: Stanley Freeman & Kumarse Nazari Room: Panorama	MPU meets the Societies Room: Megaron C
	Changes in the xylem microbiota associated to infection by Xylella fastidiosa in Brazilian olive groves **Manuel Anguita-Maeso**, Juan A. Navas-Cortés, Helvécio D. Coletta-Filho, Blanca B. Landa	
	Etiology and management of Phytophthora crown and root rot of pistachio in California Florent Trouillas, Alejandro Hernandez, Mohamed Nouri, Rosa Frias, Tyler Bourret	
	First report of Glomerella leaf spot (GLS) in South Tyrolean (Italy) apple orchards <i>Evi Deltedesco</i> , Jürgen Christanell, Sabine Oettl	
	Sclerotinia sclerotiorum: A new Pathogen of Sugar Beet in the USA <i>Mohamed Khan</i> , <i>Md Ziaur Rahman Bhuiyan</i>	
15:00 - 16:30	Integrated disease management - Session A Chair: George Karaoglanidis & Mohamed Khan Room: Panorama	Microbiomes and their role in plant health Chair: Raina Haidar Room: Megaron C
	Keynote Talk: Fungicide resistance in Botrytis cinerea populations from protected crops in the Mediterranean basin: Current status and implications with its management George Karaoglanidis	Rhizosphere-enriched microbes as a pool to design synthetic communities with beneficial effects on plant fitness and health Maria-Dimitra Tsolakidou, Ioannis Stringlis, Natalia Fanega-Sleziak, Stella Papageorgiou, Antria Tsalakou, Iakovos Pantelides
	SDHI fungicide has potential to reduce storage rot in sugar beet caused by Botrytis cinerea in USA Mohamed Khan, Md Ziaur Rahman Bhuiyan	Detailed survey of fungal communities of four vineyards with different cultivars located in the Palava region (Czech Republic)
	Multilocus-sequencing—based genetic composition and DMI fungicide resistance in Erysiphe necator populations in Hungary Márk Z. Németh, Alexandra Pintye, Orsolya Molnár, Fruzsina Matolcsi, Áron N. Horváth, Veronika Bókony, Zsolt Spitzmüller, Kálmán Z. Váczy, Levente Kiss, Gábor M. Kovács	Ales Eichmeier The compositional turnover of grapevine- associated plant pathogenic fungal communities are greater among intraindividual microhabitats and terroirs than among healthy and Esca-diseased plants
	Development of cost-effective methods for detection of the DMI fungicide resistance marker A495T of the grapevine powdery mildew fungus Erysiphe necator Márk Z. Németh, Alexandra Pintye, Orsolya Monár,	Adrienn Geiger, Zoltán Karácsony, Richárd Golen, Kálmán Váczy, József Geml Fungal-bacterial interactions in grapevine wood: consequences on plant health
	Fruzsina Matolcsi, Áron N. Horváth, Zsolt Spitzmüller, Kálmán Z. Váczy, Gábor M. Kovács Role of early-season control on Botrytis bunch rot epidemics in vineyards Giorgia Fedele, Valeria Altieri , Elisa González-Domínguez, Vittorio Ross	Rana Haidar , Amira Yacoub, Stéphane Compant, Antoine Loquet, Eléonore Attard, Maria Chrysovergi, Rémy Guyoneaud, Patrice Rey
16:30 - 17:00	COFFEE BREAK & PO	STER SESSION II

MPU 2022

WEDNESDAY 06 APRIL

17:00 - 18:45	Integrated Disease Management-Session B Chair:TBA Room: Panorama	Microbiome and their role in plant health Chair: Raina Haidar Room: Megaron C
	Development and evaluation of a weather-driven, mechanistic model for predicting blossom blight caused by Monilinia laxa and M. fructicola on stone fruits. Valeria Altieri, Irene Salotti, Vittorio Rossi	Characterization of endophytic Alternaria species isolated from grapevine (Vitis vinifera) shoots. Anna Molnár , Dániel G. Knapp, Gergő Tóth, Imre Boldizsár, Kálmán Zoltán Váczy, Gábor M. Kovács
	Evaluation of epiphytic grape yeasts for the control of Aspergillus carbonarius and ochratoxins in grapes Maria Iliadi , Eirini Poulaki, Charikleia Kavroumatzi, Maria Varveri, Dimitris Perivolaris, Sotiris Tjamos, Epameinondas Paplomatas, Dimitris Tsitsigiannis	Fungal diversity in necrotic wood of Prunus trees in Germany Ulrike Damm, Steffen Bien
	Modeling potential climatic suitability of olive vascular diseases in southern Spain <i>Luis F Arias-Giraldo</i> , <i>Blanca B Landa, Juan A.</i> <i>Navas-Córtes</i>	
	Strategic management of fungicide resistant C. beticola in sugar beet using a holistic management strategy in climate change era <i>Mohamed Khan</i>	
	Modelling the airborne inoculum of Polystigma amygdalinum, causal agent of the red leaf blotch of almond in Catalonia, NE Spain Gemma Pons-Solé , Elena Lázaro, Antonio Vicent, Jordi Luque	
	The consequences of co-infection by Cucumber green mottle mosaic virus and Pythium species under different environmental conditions **Omer Frenkel*, Amit Philosoph, Yigal Elad, Amnon Koren, Neta Mor, Aviv Dombrovsky**	
	A mechanistic weather-driven model for Ascochyta rabiei infection and disease development in chickpea Irene Salotti, Vittorio Rossi	

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THURSDAY 07 APRIL



8:30 - 9:15	Mycotoxins: prevention and control Chair: Antonio Logrieco & Dimitris Tsitsigiannis Room: Panorama		
	Keynote Talk From Myco-key to myco-twin: mycotoxin management along food/feed chain (30 min.) Antonio Logrieco Fusarium tricinctum species complex members emerging pathogens in several crops: the case of apple Maria Teresa Senatore, Riccardo Soldesti, Martina Cali, Eleonora Cappelletti, Michael Sulyok, Antonio Prodi		
9:15-10:30	Chair: Vladimiro Guar	uit crops - Session A rnacia & Laura Mugnai anorama	
	Keyno Fungal pathogens of wood: are they a thre		
	Fungal pathogens associa diseases	ated with grapevine trunk in Cyprus	
	Loukas Kanetis, Georgios Makris, Solonas Solonos, Marios Christodoulou In vitro effects of cell density on development and metabolism of Phaeomoniella chlamydospra a pathogen of Esca disease of grapevine Zoltán Karácsony, Kálmán Zoltán Váczy Etiology and management of trunk and scaffold canker diseases of almond in California		
	Leslie Holland, Florent Trouillas , Mohamed Nouri, Daniel Lawrence, Renaud Travadon		
10:30 - 11:00	COFFEE BREAK & P	OSTER SESSION III	
11:00-12:30	Wood diseases in tree crops - Session B Chair: Lukas Kanetis & Florent Trouillas Room: Panorama	Workshop on Funding Opportunities Room: Megaron C	
	Botryosphaeriaceae species as fungal pathogens associated with olive trunk diseases in southern Italy <i>Antonia Carlucci</i> , <i>Francesco Lops</i> ,	Horizon Europe Giorgos Christou Scientific Officer, Research and Innovation	
	Maria Luisa Raimondo	Foundation (RIF) – Cyprus ERC Funding Programs	
	The effect of extreme weather conditions on the incidence and spreading of grapevine trunk diseases András Csótó, Péter Balling, Nándor Rakonczás, Antal Nagy, Csilla Kovács, Erzsébet Sándor	Alessandra Ferrari Research Programme Agent, European Research Council Executive Agency (ERC) – Brussels	
		COST Katerina Karakasidou Scientific Officer, Research and Innovation Foundation (RIF) – Cyprus	
	Exploration of non-enzymatic wood degradation pathway	LIFE PROGRAMME Marilena Papastavrou National Contact Point LIFE Programme, Department	
	in Fomitiporia meditérranea, the historical Esca agent	of Environment, Ministry Of Agriculture - Cyprus	
	Samuele Moretti , Mary-Lorène GODDARD, Jacques Lalevée, Stefano Di Marco, Laura Mugnai, Christophe Bertsch, Sibylle Farine	European Food Safety Authority - EFSA <i>Georgios Stavroulakis</i> National Focal Point EFSA, State General	
		Laboratory – Cyprus Erasmus+ Q&A	

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THURSDAY 07 APRIL



	Induction of grapevine defence mechanisms by the oomycete Pythium oligandrum against, Neofusicoccum parvum, a pathogenic fungus involved in Esca
	Amira Yacoub, Rana Haidar, Jonathan Gerbore, Marie Cécile Dufour, Patrice Rey
	Structure analysis of the ribosomal intergenic spacer (IGS) region as a putative marker for Phaeoacremonium phylogeny
	Maria Luisa Raimondo, Francesco Lops, Antonia Carlucci
12:30 - 13:00	Abiotic stresses
12.30 - 13.00	Chair: Epaminondas Paplomatas
	Room: Panorama
	Keynote Talk
	Plant and seed priming for improved growth and abiotic stress protection under a changing climate
	Vassilis Fotopoulos
13:00 - 14:15	LUNCH BREAK
	Forest Pathology: Cypress canker
14:15 -14:45	Chair: Dimitris Tsitsigiannis Room: Panorama
	Keynote Talk Cypress Canker: a model pathosystem to study fungal invasions
	Matteo Garbelotto
14:45-16:15	Smart and Precision Plant Pathology
	Room: Panorama
	Keynote Talk Innovative Smart Technologies for Agricultural Production and Plant Health Tito Caffi
	Keynote Talk
	Integrated pest management smart technologies to precisely detect
	and control plant diseases
	Dimitris Tsitsigiannis
	Keynote Talk
	Applications of remote sensing and information technology in the surveillance of quarantine diseases of fruit tree crops
	Anna Maria D'Onghia
16:15 - 16:30	COFFEE BREAK & POSTER SESSION III
16:30 - 18:15	Biopesticides & Biostimulants: New insights, innovation and commercialization Chair: Laura Mugnai
	Room: Panorama
18:15 - 21:00	TOUR & CONFERENCE DINNER

MPU 2022

FRIDAY 08 APRIL

Study Trip and Sightseeing