



POSTER SESSIONS BY DAY

POSTER SESSION	Poster new number	Presentation Date	Theme	First Name	Last Name	Paper Title	Submission Number
1	P001	Mon. 16 Oct 2023	01. Morphology and Systematics	Saskia	Bastin	Characterization of a new island radiation on endemic <i>Convolvulus floridus</i> (Convolvulaceae) in the Canary Islands	426
1	P002	Mon. 16 Oct 2023	01. Morphology and Systematics	Sanja	Budečević	Experimentally induced host-shift changes morphology and fluctuating asymmetry in sex-specific manner in a seed beetle: an experimental evolution approach	256
1	P003	Mon. 16 Oct 2023	01. Morphology and Systematics	Alice	Casiraghi	A new species, a new invader, or an old neighbour? The curious tale of the aphid <i>Longicaudinus corydalisicola</i> (Tao, 1963)	795
1	P004	Mon. 16 Oct 2023	01. Morphology and Systematics	Tomasz	Durak	Use of Infrared Spectroscopy (ATR-FTIR) to identify aphid species	377
1	P005	Mon. 16 Oct 2023	01. Morphology and Systematics	Anastasia	Makarova	Scaling of the antennal sensory system of the smallest insects	568
1	P006	Mon. 16 Oct 2023	01. Morphology and Systematics	Snežana	Pešić	Evolution of pesticide resistance in seed beetles: transgenerational effects of sub-lethal pyrethroid concentration on morphology and development	291
1	P007	Mon. 16 Oct 2023	01. Morphology and Systematics	Angela	Roggero	The species of the carabid <i>Platynus Bonelli</i> , 1801 from the Italian W Alps (Coleoptera, Carabidae)	312
1	P008	Mon. 16 Oct 2023	01. Morphology and Systematics	Gunilla	Ståhls-Mäkelä	Taxo-Fly project - a EU funded Service Contract to generate Taxonomic Resources for European hoverflies	659
1	P009	Mon. 16 Oct 2024	01. Morphology and Systematics	Moon Bo	Choi	Identification of endoparasites and parasitoids in colonies of Asian giant hornet, <i>Vespa mandarinia</i> (Hymenoptera: Vespidae), using morphology and DNA barcodes in South Korea	149
1	P010	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Komla	Amegan	Do phylogenetic drivers involved in the diversity of tomato volatile profiles shape antixenosis resistance against <i>Tuta absoluta</i> ?	224
1	P011	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Arnaud	Ameline	How generalist generalist aphid species respond to alien plants ?	933
1	P012	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Evangelia	Balampekou	Survival of virgin and mated olive fruit flies of various ages under conditions of food deprivation	523
1	P013	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Svenja	Bänsch	Feeding behaviour of the cabbage stem flea beetle (<i>Psylliodes chrysocephala</i>)	781



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1	P014	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Francisco	Beitia	Influence of host plants on the development and colonization capacity of two vector insects (Hemiptera: Aphrophoridae) of <i>Xylella fastidiosa</i>	131
1	P015	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria C.	Boukouvala	Impact of cross-mating on sexual interactions of two strains of <i>Trogoderma granarium</i> Everts (Coleoptera: Dermestidae)	811
1	P016	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Marie	Bourel	Effect of the plant community on the numerical and behavioral dominance of ant species in pineapple cropping systems in Reunion Island	379
1	P017	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Marie	Bourel	Effect of the plant community on the numerical and behavioral dominance of ant species in pineapple cropping systems in Reunion Island	415
1	P018	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Androniki	Christaki	Exploring West Nile virus ecology in Greece: interactions between hosts, vector, and the environment.	479
1	P019	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Kateřina	Czajová	Effect of plant secondary metabolites on the gut microbiota of caterpillars compared with their diet	316
1	P020	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Michaela	Drgová	Quantification of host preferences among bryophagous Lepidoptera in Central Europe	317
1	P021	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Roma	Durak	Different patterns of winter diapause of aphids	376
1	P022	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Nikoleta	Eleftheriadou	Emergence of males in the parthenogenetic reproduction of <i>Marchalina hellenica</i> (Hemiptera: Marchalinidae) and its mtDNA divergence in Greece	571
1	P023	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria	Fedorova	Learning and memory studied using setup suitable for diverse microinsect species	596
1	P024	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Beata	Gabryś	Effect of soy leaf flavonoids on pea aphid probing behavior	72
1	P025	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Alisa	Hamidovic	Impact of the symbiont <i>Serratia symbiotica</i> on <i>Aphis fabae</i> behavior	275
1	P026	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Fani	Hatjina	The INSIGNIA-EU project	585
1	P027	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Mahabaleshwar	Hegde	Annual population cycle of <i>Maruca vitrata</i> (Geyer)	477
1	P028	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Argyro	Kalaitzaki	The influence of olive fruit biometric parameters on <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae) oviposition preference among 62 olive cultivars in natural field settings	719



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1	P029	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Roy	Kaspi	Behavior and development of the parasitoid wasp <i>Trichogrammatoidea cryptophlebiae</i> on the natural host <i>Thaumatotibia leucotreta</i> and the exotic host <i>Lobesia botrana</i>	722
1	P030	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Aleksandra	Konjevic	<i>Halyomorpha halys</i> in Serbia: should I stay or should I go?	973
1	P031	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Slobodan	Krnjajic	The impact of soil microplastic on insect diversity and plastic decomposition by insects	825
1	P032	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Kyriaki	Mylona	Effects of different tomato cultivars on biological parameters of tomato borer <i>Tuta absoluta</i>	638
1	P033	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Aleksandra	Popović	Seasonal dynamics of the clearwing moth <i>Synanthedon myopaeformis</i> in an intensive apple orchards	14
1	P034	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maria K.	Sakka	Is <i>Guava</i> (<i>Psidium guajava</i>) a host for <i>Drosophila suzukii</i> ??	904
1	P035	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Ankica	Sarajlić	Population of American grapevine leafhopper (<i>Scaphoideus titanus</i> Ball, 1932) in different types of vineyards in Eastern Croatia	335
1	P036	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Anastasia	Terzidou	Presence of conspecific affects wing vibration behavior of male olive fruit flies	952
1	P037	Mon. 16 Oct 2023	04.4 Ecology and Behavior - Other	Maryse	Vanderplanck	Impact of ozone pollution on the learning and memory of bumblebees	75
1	P038	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Jerome	Grant	Successes, limitations, and opportunities for biological control of invasive species in forests and urban areas in the Southern Appalachians, Tennessee, USA	286
1	P039	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Marion	Javal	Identification of the introduction pathways of invasive ants of the <i>Tapinoma nigerrimum</i> group in the Metropolis of Montpellier.	45
1	P040	Mon. 16 Oct 2023	08.1. Urban and Forest Entomology - Insects in urban landscapes - pests, friends and allies	Kristina	Karlsson Green	Using knowledge of urban multitrophic interactions to implement urban plant protection in green space design	913
1	P041	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Paraskevi	Agrafioti	Non-chemical control of <i>Lymantria dispar</i> in three European countries	882
1	P042	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Asma	Bourougaoui	Comparing Urban Heat island effects on the pine processionary moth development in two regions with contrasted climates in France	853



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1	P043	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Luc	De Bruyn	The Life Oak Processionary Caterpillar project – Is biological control possible?	964
1	P044	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Dongwoon	Lee	Species and density of pests occurring in container seedlings of <i>Dendropanax morbiferus</i> in a tree nursery in Korea	285
1	P045	Mon. 16 Oct 2023	08.2. Urban and Forest Entomology - Forest insects in a changing environment - challenges and new approaches	Tibor	Magura	Urbanization reduces gut bacterial microbiome diversity in a habitat specialist ground beetle	113
1	P046	Mon. 16 Oct 2023	08.3. Urban and Forest Entomology - Ecology and evolution of bark beetles	Linda	Lehmanski	How to find the right host - Primary attraction and host selection of the bark beetles <i>Ips typographus</i>	144
1	P047	Mon. 16 Oct 2023	08.3. Urban and Forest Entomology - Ecology and evolution of bark beetles	Sifat Munim	Tanin	Fungi associated with fir beetles (<i>Pityokteines vorontzovi</i> and <i>P. curvidens</i>), their behavioural attraction and putative functions	98
1	P048	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Jason	Charamis	ABCH2 transporter in the first line of defense protects malaria vectors from pyrethroids	660
1	P049	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Eric	Conti	Influence of a neonicotinoid on <i>Trissolcus japonicus</i> behavioral responses to cues from <i>Halyomorpha halys</i>	739
1	P050	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Vassilis	Douris	Investigating putative synergistic interactions in spider mite resistance to abamectin via engineered <i>Drosophila</i> strains	610
1	P051	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Alitha	Edison	Oviposition avoidance against systemically applied imidacloprid in the Colorado Potato Beetle	817
1	P052	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Ali	Fadel	The impact of cyanotoxin anatoxin-a on mosquito and dragonfly larvae: a serious ecological threat to aquatic ecosystems.	630
1	P053	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Vincent	Fernandes	Determination of the therapeutic potential of two volatile organic compounds as a treatment against fipronil poisoning in bees	238
1	P054	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Robert	Finn	Comparative biochemical characterisation and inhibitory profiling of cattle tick, human, bovine and mosquito Flavin Adenine Dinucleotide sub-domains.	965



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1	P055	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Anastasia	Kampouraki	Insecticide resistance status and functional characterization of pyrethroid resistance in olive fruit fly <i>Bactrocera oleae</i>	669
1	P056	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Juil	Kim	Tracking the diamide-resistance dynamics of Korean field populations of <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae), and reconsideration of its resistance diagnostic marker	244
1	P057	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Adi	Kliot	Utilising a field survey of acaricide resistance to create a genetic database for the discovery of genetic markers	812
1	P058	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Katerina	Kremi	Monitoring population dynamics and damage levels of olive oil fruit fly (<i>Bactrocera oleae</i>) in relation to the implementation of the bait sprays program in two regions of Heraklion, Crete	928
1	P059	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Dongwoon	Lee	Evaluation of insecticide resistance in Western flower thrip, <i>Frankliniella occidentalis</i> on pepper in Korea	284
1	P060	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Kyriaki	Mylona	Detection of extensive multiple insecticide resistance and likelihood of control failure in populations of tomato borer <i>Tuta absoluta</i> from Greece	888
1	P061	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Kyriaki	Mylona	Evaluation of the effect of conventional and biological insecticides against the tomato borer, <i>Tuta absoluta</i> with a novel bioassay method	889
1	P062	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Aditi	Rawal	Impact of toxic substance exposure on life history and reproduction of Black Scavenger flies (Diptera: Sepsidae)	406
1	P063	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Guillaume	Serra	Resistance to pyrethroids of the predatory mite <i>Amblyseius andersoni</i> (Acari: Phytoseiidae)	809
1	P064	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Konstantinos	Simoglou	Pesticide use and operator safety perceptions of the Greek public	934
1	P065	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Konstantinos	Simoglou	Predicting Greek public opinion on the use of pesticides and consumers' safety	935
1	P066	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Marianna	Stavrakaki	Evaluation of the larvicidal activity of insecticides on Olive Fruit Fly <i>Bactrocera oleae</i> (Diptera: Tephritidae)	962
1	P067	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Marianna	Stavrakaki	Monitoring the efficacy of baited insecticide applications for the olive fruit fly <i>Bactrocera oleae</i> : a 5-year survey	943
1	P068	Mon. 16 Oct 2023	13. Toxicology and Pesticide Resistance	Aysegul	Taylan Ozkan	Pediculicide sales during the period 2015-2022 in Turkey	482



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1	P069	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Muhammad	Ahmed	Life table analysis and development of <i>Delphastus pallidus</i> LeConte (Insecta: Coleoptera: Coccinellidae), under different constant temperatures	849
1	P070	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Georgios	Broufas	<i>Typhlodromus recki</i> as a potential biological control agent of key tomato pests	797
1	P071	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Georgios	Broufas	<i>Amblyseius andersoni</i> as a biological control agent of the tomato russet mite <i>Aculops lycopersici</i>	801
1	P072	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Yongseok	Choi	Effects of temperature and relative humidity on development and reproduction in <i>Feltiella acarisuga</i> (Vallot) (Diptera: Cecidomyiidae)	139
1	P073	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Sofia	Dervisoglou	Searching and foraging behaviour of the predators <i>Macrolophus pygmaeus</i> (Hemiptera: Miridae) and <i>Nesidiocoris tenuis</i> (Hemiptera: Miridae) on <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) eggs	705
1	P074	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Elisabete	Figueiredo	Assessment of predation behaviour of <i>Dicyphus cerastii</i> (Hemiptera: Miridae)	765
1	P075	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Dionysios	Perdikis	Exploring the searching ability of <i>Macrolophus pygmaeus</i> and <i>Nesidiocoris tenuis</i> (Hemiptera: Miridae) on different <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) egg densities and oviposition patterns	868
1	P076	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Jesica	Perez-Rodriguez	Different densities, different predator. Evaluation of four aphidophagous predators in sweet pepper crops.	661
1	P077	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Amador	Rodríguez Gómez	Characterization of an orange-nymph mutant in <i>Orius laevigatus</i> (Hemiptera: Anthocoridae)	140
1	P078	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	António Onofre	Soares	Prey preference and intraguild interactions between <i>Trichogramma achaeae</i> (Hymenoptera: Trichogrammatidae) and <i>Macrolophus pygmaeus</i> (Hemiptera: Miridae) toward <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) biological control	944
1	P079	Mon. 16 Oct 2023	14.1. Biological Control and Biopesticides - New developments in greenhouse biocontrol	Tiziano	Valentini	Screening for predators of <i>Aphis nerii</i> and <i>Myzus persicae</i> on <i>Mandevilla</i> .	680



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1	P080	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Stefanos	Andreadis	Evaluation of the parasitoid <i>Ooencyrtus mirus</i> (Hymenoptera: Encyrtidae) as a biological control agent for <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae): oviposition preference and development time on fresh and frozen eggs of different age	548
1	P081	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Ivana	Carofano	The effects of antimicrobials treatments on egg-infested olives targeting the primary endosymbiont of the olive fly	418
1	P082	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Xing Ping	Hu	Interspecific competition between egg parasitoids of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae): seasonal egg parasitism rates and host limitation	471
1	P083	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Argyro	Kalaitzaki	<i>Psytalia lounsburyi</i> (Silvestri) and <i>Psytalia ponerophaga</i> (Silvestri) (Hymenoptera: Braconidae) as potential biological control agents of <i>Bactrocera oleae</i> (Rossi) (Diptera: Tephritidae) in Greece	735
1	P084	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Robert	Shatters	Using antimicrobial peptides as bifunctional molecules to control the bacterium (' <i>Candidatus Liberibacter asiaticus</i> ') causing citrus greening disease and its vector the Asian citrus psyllid (<i>Diaphorina citri</i>)	954
1	P085	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Francesco	Tortorici	Egg parasitism of stink bugs (Hemiptera Pentatomidae) by Scelionidae and other parasitoid wasps (Hymenoptera) in Greece	886
1	P086	Mon. 16 Oct 2023	14.2. Biological Control and Biopesticides - Biological control of orchard pests	Francesco	Tortorici	Synopsis on the complex of egg parasitoids of Heteroptera (Hemiptera) in two areas in Europe	887
2	P087	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Cristina	Crava	Uncovering the Olfactory System of the Beet Armyworm (<i>Spodoptera exigua</i>): Insights for Ecology and Control Strategies	490
2	P088	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Fernando	Guerrieri	Effects of two herbicides and a medical drug, alone or in mixtures, on learning in <i>Aedes aegypti</i> larvae	314
2	P089	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Keren	Levy	Artificial light at night impairs stridulation behaviour in crickets	57
2	P090	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Anita	Nencioni	Gross antennal morphology of <i>Philaenus spumarius</i> juveniles and behavioural response to olfactory plant cues	729
2	P091	Tue. 17 Oct 2023	04.1 Ecology and Behavior - Sensory biology	Martina	Zvarikova	High sexual activity of hungry females in a gift-giving spider: congruence or sexual exploitation by males?	607



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2	P092	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Felix	Glinka	Effects of different foraging strategies in different climate conditions on the reproductive success in the desert harvester ant <i>Pogonomyrmex barbatus</i>	373
2	P093	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Zuzana	Ježová	Sex in the dark: male investment in nuptial gift production is affected by the visual environment	605
2	P094	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Yvonne	Kortsmit	Dietary influences on reproductive behaviour of the black soldier fly	559
2	P095	Tue. 17 Oct 2023	04.2 Ecology and Behavior - Evolutionary ecology and behavior	Yael	Lubin	The mystery of disappearing widow spiders in the Negev desert	326
2	P096	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Avishek	Dolai	Characterization of ant and lepidopteran silk nanofibers: a case study from their parasitic association	561
2	P097	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Ohseok	Kwon	The role of field-collected cues in the host recognition of twig girdlers (<i>Oncideres rhodosticta</i>) on honey mesquite (<i>Prosopis glandulosa</i>)	287
2	P098	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Maria Rosa	Paiva	An integrated approach for the control of <i>Coroebus undatus</i> (Coleoptera, Buprestidae)	441
2	P099	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Yoann	Pellen	Exploiting the evolution of odorant discrimination in ants to decipher the olfactory code	371
2	P100	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Marion	Risse	Effects of the menstrual cycle on human skin odors and mosquito attraction	764
2	P101	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Maia	Tsikolia	Searching new tools to improve <i>Phlebotomus papatasi</i> control strategies	643
2	P102	Tue. 17 Oct 2023	04.3 Ecology and Behavior - Chemical communication/engineering	Ilka	Vosteen	The smell of drought: Water limitation alters plant volatile emission and parasitoid attraction to herbivore-infested plants	177
2	P103	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Roberto	Beltrán-martí	Do spray nozzles of foliar application affect the performance of <i>Beauveria bassiana</i> ?	497
2	P104	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Pablo	García Castillo	Exploring the transmission of viral infections in the agricultural pest <i>Ceratitis capitata</i>	762
2	P105	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Juan	Garcia	Impact of root inoculation with entomopathogenic fungi on tomato plant growth and resistance against <i>Tuta absoluta</i>	871



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2	P106	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Matt	Green	The complexities of urban field trials in the infection of sewer cockroach populations with an entomopathogenic fungus.	747
2	P107	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Thomais	Kakouli-Duarte	Application of molecular communications for the development of an entomopathogenic nematode-plant growth promoting bacterial bioagent for plant health	328
2	P108	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Kwang-zin	Lee	Towards a holistic and sustainable control strategy against the invasive pest <i>Drosophila suzukii</i>	436
2	P109	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	François	Lefort	Assaying semiochemicals and entomopathogenic fungi for an auto-dissemination biocontrol strategy of <i>Frankliniella occidentalis</i>	330
2	P110	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Untaek	Lim	Combination of botanical insecticide and entomopathogenic fungus as a better control agent against <i>Riptortus pedestris</i> (Hemiptera: Alydidae)	342
2	P111	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Vasileios	Papantzikos	Biological control of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) on kiwi trees <i>Actinidia deliciosa</i> var. Hayward using a formulation with <i>Beauveria bassiana</i> (Hypocreales: Cordycipitaceae)	526
2	P112	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Enrique	Quesada Moraga	Mycovirus-related differential response of a <i>Beauveria bassiana</i> strain to abiotic and biotic stresses	242
2	P113	Tue. 17 Oct 2023	14.3. Biological Control and Biopesticides - Entomopathogens as biopesticides	Meelad	Yousef Yousef	Unraveling the cause of aphid mortality in melon plants endophytically colonized by entomopathogenic fungi	494
2	P114	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Catarina	Afonso	Clues from cues: inferring <i>Anagonia lasiophthalma</i> safety from a simple experimental design	874
2	P115	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Konstantina	Alipranti	Evaluation of induced effects of two novel photoreactive substances against the whitefly <i>Bemisia tabaci</i>	869
2	P116	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Orlando	Campolo	<i>Allium sativum</i> essential oil-based insecticides: target and non-target toxicity.	734
2	P117	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Elena	Costi	Intra and interspecific competition between <i>Trissolcus mitsukurii</i> and <i>Trissolcus japonicus</i> , parasitoids of the brown marmorated stink bug	555



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2	P118	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Joel	Couceiro	Bioprospecting the environmental microbiome of Crete towards the development of novel biopesticides	945
2	P119	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Sara	D'arco	A comparison of commercialized and wild populations of housefly parasitoids using molecular and behavioural approaches	276
2	P120	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Federica	De Stefano	Antimicrobial properties of the chitosan from different developmental stages of the bioconverter insect <i>Hermetia illucens</i>	270
2	P121	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Hélène	Delatte	Soil treatment with Botanigard®WP22 (<i>Beauveria bassiana</i> GHA): ON and OFF-season biocontrol tool of <i>Ceratitis capitata</i>	946
2	P122	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Tanja	Drobnjaković	Toxicity of eight essential oils to <i>Trialeurodes vaporariorum</i>	912
2	P123	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Md.. Mahbub	Hasan	Effective irradiation and dormancy based mass rearing protocol for propagation of biological control of insect pests	71
2	P124	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Woojin	Jung	Application as culture substrate for chitinase-producing microorganisms using chitin shells obtained from Korean cicada (<i>Cryptotympana atrata</i>) sheaths	112
2	P125	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Božena	Kordan	Modification of aphid probing behavior by plant flavonoids quercetin and rutin	40
2	P126	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	François	Lefort	Attracting performance of the pheromone neryl (S)-2-methylbutanoate and kairomones towards the western flower thrips (<i>Frankliniella occidentalis</i>).	327
2	P127	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Antonio	Masetti	Effects of natural insecticides on the green peach aphid <i>Myzus persicae</i> (Sulzer) and its natural enemies <i>Propylea quatuordecimpunctata</i> (L.) and <i>Aphidius colemani</i> Viereck	713
2	P128	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Rosanna	Salvia	Identification and Functional Characterization of <i>Toxoneuron nigriceps</i> Ovarian Proteins Involved in the Early Suppression of Host Immune Response	262
2	P129	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Pierre	Silvie	The long and challenging road to capitalize on plant-based extracts used to control crop pests in Senegal	723
2	P130	Tue. 17 Oct 2023	14.4. Biological Control and Biopesticides - Other	Karolina	Walkowiak-Nowicka	Volatile organic compounds – their repellent activity and effects on survival and reproduction of <i>Tenebrio molitor</i> pest	41



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2	P131	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Antonella	Bacigalupo	Long read assembly of the insect model species <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae), a Chagas disease vector	370
2	P132	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria	Bouga	Study of Auchenorrhynchan species composition in vineyards in Greece and phylogenetic relationships of the dominant species of the genus <i>Empoasca</i> .	586
2	P133	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Gregor	Bucher	Molecular mapping of the neuroectoderm across phyla – conservation and divergence of brain regions between insects and vertebrates	963
2	P134	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	José Antonio	Carbonell	Exploring thermal biology to understand the altitudinal segregation of diving beetle assemblages	551
2	P135	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Valéria Sofia	Carvalho Marques	Allopatric and ecological diversification in <i>Cyaniris semiargus</i> (Lepidoptera, Lycaenidae)	549
2	P136	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Jason	Charamis	Comparative transcriptomics provides insights into insecticide resistance-related genes in phlebotomine <i>Leishmania</i> vectors	543
2	P137	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Nikoleta	Eleftheriadou	The identity of <i>Neoleucopis</i> spp. (Diptera: Chamaemyiidae) in Greece and their impact on <i>Marchalina hellenica</i> (Hemiptera: Marchalinidae)	570
2	P138	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Núria	Farrús	piRNAs as a new level of regulation of insect oogenesis	553
2	P139	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	René	Feyereisen	Phylogenetic analysis of the cytochrome P450 genes of Lepidoptera	517
2	P140	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Conrad	Gillett	Macroevolution and shifts in the feeding biology of the New World scarab beetle tribe Phanaeini (Coleoptera: Scarabaeidae: Scarabaeinae)	778
2	P141	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Burcu	İnal	Assessment of Mediterranean fruit fly population genetics for effective sterile insect technique (SIT) application in Türkiye	366
2	P142	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Alejandro	Lozada Chavez	Genomics of domestication in the arboviral vector <i>Aedes aegypti</i>	907
2	P143	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Tapani	Neuvonen	Metagenomics for ecological inference: Unravelling the unknown biology of smoke-flies (Diptera: Platypezidae: Microsaniinae)	558
2	P144	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	João	Pimenta	Pollinator genomics as a tool to develop intraspecific biomonitoring applications	774



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2	P145	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria-Dolors	Piulachs	Methoprene tolerant (Met) is required for the correct formation of the basal ovarian follicle in cockroach panoistic ovaries.	439
2	P146	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Maria-Dolors	Piulachs	piRNA and hormones in the panoistic ovary of the cockroach <i>Blattella germanica</i> .	438
2	P147	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Evgenia	Propistsova	Embryonic development of the spider <i>Tegenaria pagana</i> C. L. Koch, 1840 (Araneae: Agelenidae)	534
2	P148	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	René FH	Sforza	Origin of the European Grapevine Moth in California	505
2	P149	Tue. 17 Oct 2023	02. Genetics and Evolutionary Biology	Esther	Yakir	De-toxification by phosphorylation: the function of the Ecdysone-Kinase like (EcKL) gene family in the whitefly <i>Bemisia tabaci</i>	348
2	P150	Tue. 17 Oct 2023	05. Multitrophic Interactions	Martin	Aguirrebengoa	Mycorrhizal symbiosis increases natural enemy attraction upon herbivory: a case study with <i>Tuta absoluta</i> / <i>Nesidiocoris tenuis</i> in tomato	865
2	P151	Tue. 17 Oct 2023	05. Multitrophic Interactions	Eirini	Anastasaki	Revealing the chemical ecology of <i>Curculio elephas</i> (Coleoptera: Curculionidae) through its electrophysiological responses to chestnut plant volatiles	489
2	P152	Tue. 17 Oct 2023	05. Multitrophic Interactions	Samuel	Asamoah	<i>Rhopalosiphum padi</i> (The Bird cherry-oat aphid) is attracted to <i>Fusarium graminearum</i> causing <i>Fusarium</i> head blight, leading to increased pathogen fitness on their shared wheat host.	394
2	P153	Tue. 17 Oct 2023	05. Multitrophic Interactions	Georgios	Broufas	Plant-mediated effects of native mycorrhizal fungi against key pests of tomato	793
2	P154	Tue. 17 Oct 2023	05. Multitrophic Interactions	Alessia	Farina	A step to deeper understand the combined impact of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) and <i>Macrolophus pygmaeus</i> (Hemiptera: Miridae) on host plant traits	640
2	P155	Tue. 17 Oct 2023	05. Multitrophic Interactions	Ada	Frattini	Influence of genetic variability of tomato on the effect of mycorrhiza-induced resistance on <i>Spodoptera exigua</i> and its susceptibility to entomopathogens	721
2	P156	Tue. 17 Oct 2023	05. Multitrophic Interactions	Salvatore	Guarino	Citrus Tristeza Virus tolerant rootstocks trigger dissimilar volatile profiles in <i>Citrus sinensis</i> and deterrent responses against the vector <i>Aphis gossypii</i>	127



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2	P157	Tue. 17 Oct 2023	05. Multitrophic Interactions	Emilio	Guerrieri	The predator <i>Nesidiocoris tenuis</i> triggers the response of an egg parasitoid to tomato plants infested by <i>Tuta absoluta</i>	649
2	P158	Tue. 17 Oct 2023	05. Multitrophic Interactions	Anabella	Heintz	Beet yellows virus infection of sugar beet promotes performance of its aphid vector <i>Myzus persicae</i>	233
2	P159	Tue. 17 Oct 2023	05. Multitrophic Interactions	Burcu	İnal	Diversity of predators, parasitoids, hyperparasitoids and endosymbiotic bacteria of the black cherry aphid, <i>Myzus cerasi</i> (Fabricius) (Hemiptera: Aphididae) in Türkiye	507
2	P160	Tue. 17 Oct 2023	05. Multitrophic Interactions	Britta	Kais	Influence of SBR on phloem sap composition of sugar beet and the behavior of its vector <i>Pentastiridius leporinus</i>	125
2	P161	Tue. 17 Oct 2023	05. Multitrophic Interactions	Souheyla	Khechmar	Co-infection with other sugar beet viruses modifies the localization and transmission by aphids of beet yellows virus (BYV)	355
2	P162	Tue. 17 Oct 2023	05. Multitrophic Interactions	Wei Hua	Li	Interactions between two host-specific begomoviruses in a common vector and its effect on vector transmission	257
2	P163	Tue. 17 Oct 2023	05. Multitrophic Interactions	Ruhan	Ma	Does fertilization plant-mediated bottom-up effect reach the third trophic level in the tomato-pest-NE tritrophic system?	240
2	P164	Tue. 17 Oct 2023	05. Multitrophic Interactions	Cindy	McKenzie	Effect of <i>Agrobacterium tumefaciens</i> on papaya whitefly, <i>Trialeurodes variabilis</i> (Quaintance), populations infesting <i>Carica papaya</i>	820
2	P165	Tue. 17 Oct 2023	05. Multitrophic Interactions	Maria	Pappas	Plant-mediated effects of beneficial soil fungi against key pests of pepper	726
2	P166	Tue. 17 Oct 2023	05. Multitrophic Interactions	Luis	Perera Fernández	Intraguild predation among the main predator species in Mediterranean pear orchards	345
2	P167	Tue. 17 Oct 2023	05. Multitrophic Interactions	Shumaila	Rasool	Plant-mediated interactions between fungi and herbivores	807
2	P168	Tue. 17 Oct 2023	05. Multitrophic Interactions	Michele	Ricupero	Multitrophic interactions in tomato and wheat under drought stress	894
2	P169	Tue. 17 Oct 2023	05. Multitrophic Interactions	Rajagopalbabu	Srinivasan	Interactions between two phloem-limited viruses in their host plant and vector: Implications for vector fitness and virus epidemics	197



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2	P170	Tue. 17 Oct 2023	05. Multitrophic Interactions	Savvina	Toufexi	Oviposition responses of <i>Tuta absoluta</i> females to herbivore-induced volatiles after <i>Halyomorpha halys</i> infestation in tomato plants	634
2	P171	Tue. 17 Oct 2023	05. Multitrophic Interactions	Francis	Wamonje	Aphid settling and feeding behaviour on virus-infected Common bean (<i>Phaseolus vulgaris</i>) promotes transmission of three viruses.	378
2	P172	Tue. 17 Oct 2023	05. Multitrophic Interactions	Zoya	Yefremova	The love triangle: a new alien bean weevil (Coleoptera, Chrysomelidae) attacking local legumes (Fabaceae) and attacked by local parasitoids (Hymenoptera, Eulophidae) in Israel	457
2	P173	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Eirini	Anastasaki	Non-destructive methods for detection of fruit flies' infestation in fruits	488
2	P174	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Marc	De Meyer	<i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in the Indian Ocean: a tale of two invasions	656
2	P175	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Edouard	Duquesne	Socio-economic impact and climate change effect on the distribution of twelve invasive termites in the Asia-Pacific region	159
2	P176	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Manuela	Giovanetti	Monitoring and control of predatory hornets in Italy	748
2	P177	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Panagiota	Koskinioti	Effect of thermal acclimation on the metabolome of the Mediterranean fruit fly	613
2	P178	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Katerina	Kremi	First report of pepper fruit fly (<i>Atherigona orientalis</i>) in Greece on commercial pepper crops	927
2	P179	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Raphaelle	Mouttet	Insect pest invasions in mainland France since 2000	176
2	P180	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Vicente-Santiago	Marco-Mancebón	Ecological niche modelling in predicting response to climate change: the case of <i>Eupoecilia ambiguella</i> (Lepidoptera: Tortricidae) in Europe	652
2	P181	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Şükran	Oğuzoğlu	New localities in Türkiye and new hosts in the world of invasive alien species: <i>Corythucha arcuata</i> (Say, 1832) (Hemiptera: Tingidae)	7
2	P182	Tue. 17 Oct 2023	10.1 Invasion Biology and Climate Change	Georgia	Papadogiorgou	Supercooling capacity and acute cold stress of <i>Ceratitis capitata</i> (Diptera: Tephritidae) populations across the Northern Hemisphere	346
2	P183	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Leonardo	Marianelli	<i>Popillia japonica</i> Italian outbreak management using natural strains of Biological Control Agents (BCAs)	442



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2	P184	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Francesco	Nardi	World-wide invasion of <i>Popillia japonica</i> reconstructed based on complete mitochondrial genomes and nuclear snp markers.	124
2	P185	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Francesco	Paoli	Long-Lasting Insecticide-treated Nets: a new strategy to control the Japanese beetle <i>Popillia japonica</i> (Coleoptera: Scarabaeidae)	134
2	P186	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Franziska B.	Straubinger	Damage cost implications of the Japanese beetle (<i>Popillia japonica</i>) in Europe: a synthetic control group approach	593
2	P187	Tue. 17 Oct 2023	10.2 Invasion Biology and Climate Change - Popillia	Franziska B.	Straubinger	Producer willingness to pay for biological pest control under <i>popillia japonica</i> infestation across Europe	473
3	P188	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Marianne	Alleyne	Understanding insect surface functionality to guide the design of engineered material surfaces with super-hydrophobic and bactericidal activity	455
3	P189	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Astrid	Amstrup	The heat shock response in <i>Polistes</i> spp. from differing climates following heat stress	417
3	P190	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Adam	Bajgar	Yeast glucan particles for macrophage-specific regulation of cellular metabolism in <i>Drosophila</i>	972
3	P191	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Ignacio	Barroso	Gene composition and expression regarding fatty acid absorption in three Hemiptera species with disparate fat content in their diet	893
3	P192	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Piotr	Bebas	Ontogeny of the oscillator controlling the sperm release rhythm from the testes in the yellow mealworm beetle - <i>T. molitor</i> (Coleoptera: Tenebrionidae)	616
3	P193	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Chanpen	Chanchao	Effect of <i>Geniotrigona thoracica</i> propolis on the growth inhibition of <i>Malassezia globosa</i>	247
3	P194	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Antoine	Gekière	Fat body content: Indicator of what?	234
3	P195	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Natalia	Konopińska	Allatotropin affects immune system activity of mealworm beetle <i>Tenebrio molitor</i> L.	46
3	P196	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Helmut	Kovac	Critical thermal maxima (CTmax) of larvae and adults of three European paper wasp species from differing climatic areas (<i>Polistes dominula</i> CHRIST 1791, <i>P. gallicus</i> LINNÉ 1767, <i>P. biglumis</i> LINNÉ 1758)	383



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3	P197	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Helmut	Kovac	The respiratory metabolism of paper wasps' larvae and pupae from differing climates (<i>Polistes dominula</i> , <i>Polistes gallicus</i>)	142
3	P198	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Gabriela	Krejčová	Macrophage-induced insulin resistance is an adaptive strategy for lipoprotein mobilization upon bacterial infection	971
3	P199	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Claudio	Lazzari	Seal lice survive in the sea breathing underwater	786
3	P200	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Jan	Lubawy	The role of insect neuropeptides in response to temperature stress in mealworm beetle, <i>Tenebrio molitor</i> L.	39
3	P201	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Houda Ouns	Maaroufi	Ovarian transcriptomes of epoxidase null mutants reveal candidate genes related to JH signaling and reproduction fitness in <i>Aedes aegypti</i> .	53
3	P202	Wed. 18 Oct 2023	03. Physiology and Biochemistry	KV	Nagarjuna Reddy	Transcriptome analysis reveals Gene expression changes in <i>Maconellicoccus hirsutus</i> in response to sublethal doses of Buprofezin.	451
3	P203	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Tsugumichi	Shinohara	Possible involvement of SIFamide receptor and allatotropin in the regulation of juvenile hormone biosynthesis during metamorphosis in a cricket	711
3	P204	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Jeong-Hun	Song	Genetic diversity and developmental characteristics of the two-spotted cricket <i>Gryllus bimaculatus</i> De Geer (Orthoptera: Gryllidae) in South Korea	106
3	P205	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Michał	Sulek	Selected humoral aspects of <i>Galleria mellonella</i> immune reaction upon secondary infection with <i>Pseudomonas entomophila</i> . Preliminary tests of antibacterial properties of newly identified Kazal peptide Pr13a	168
3	P206	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Rafaela	Tadei	Can the solitary bee <i>Centris analis</i> recover from the effects of exposure to the fungicide azoxystrobin?	282
3	P207	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Magdalena	Winkiel	Whether and how plant secondary metabolites affect metabolism of the storage pest <i>Tenebrio molitor</i> ?	31
3	P208	Wed. 18 Oct 2023	03. Physiology and Biochemistry	Evgenia	Stamati	Revealing the binding specificity and interaction mode of Bio-inspired Compounds with Odorant Binding Protein 1 of the mosquito <i>Anopheles gambiae</i>	281



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3	P209	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Antonella	Bacigalupo	Body condition, diet, and protozoan infection in the insect vector <i>Mepraia spinolai</i> captured during contrasting environmental conditions	171
3	P210	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Francesco	Defilippo	Two consecutive years studies on sand fly species distribution in Lombardy region (Northern Italy)	67
3	P211	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Carmen	Scieuzo	Characterization of chitin and chitosan derived from the diptera <i>Hermetia illucens</i> for application in cosmetic and pharmaceutical fields	265
3	P212	Wed. 18 Oct 2023	09.1. Medical and Veterinary Entomology - Paradigms of "One Health" approach in combating vector borne diseases (VBDs)	Shin-Hong	Shiao	Uncovering Dengue Virus Host Factors: Paving the Way for Innovative Antiviral Strategies	628
3	P213	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Luciana	Galetto	Plant-mediated delivery of dsRNAs to phloem-feeder leafhoppers	92
3	P214	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Leonie	Graser	Investigating the RNAi target gene function of PSMB5 for managing Colorado Potato Beetle (<i>Leptinotarsa decemlineata</i>)	469
3	P215	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Aisha	Naseer	3-Carene metabolism: a potential target for RNAi-based <i>Ips typographus</i> pest management	424
3	P216	Wed. 18 Oct 2023	06.1 Insect Biotechnology - Improved methods for RNAi-mediated pest control	Solafa	Zahran	Identification of novel targets to control red palm weevil <i>Rhynchophorus ferrugineus</i>	470
3	P217	Wed. 18 Oct 2023	06.2 Genome editing of insect pests and vectors of disease to understand physiological processes and resistance mechanisms	Amalia	Anthousi	Investigating the molecular determinants of Bt-toxicity in <i>Spodoptera frugiperda</i> through in vivo functional genetics	885
3	P218	Wed. 18 Oct 2023	06.2 Genome editing of insect pests and vectors of disease to understand physiological processes and resistance mechanisms	Georgia	Gouvi	Precision guided Sterile Insect Technique in Mexican fly	369
3	P219	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Éricmar	Avila Dos Santos	The construction of an infectious clone based on a covert-infecting RNA virus in <i>Euschistus heros</i> (Hemiptera: Pentatomidae) for VIGS	427
3	P220	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Yvonne	Linscheid	Pathogenicity of La Jolla Virus in <i>Drosophila suzukii</i> following Oral Administration	509



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3	P221	Wed. 18 Oct 2023	06.3 Insect Biotechnology - Discovery and engineering of viruses and micro-organisms for improved pest control.	Luc	Swevers	Development of a screening system for the identification of antiviral compounds that target the IRES of insect-specific dicistroviruses	122
3	P222	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Antonios	Avgoustinos	Desiccation tolerance in <i>Ceratitis capitata</i> eggs and the effect of <i>Wolbachia</i> on stress response	915
3	P223	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Dalida	Darazy	Understanding the antagonist effects of <i>Actinomyces</i> in Honeybee <i>Apis mellifera</i> against the American Foulbrood <i>Paenibacillus</i> larvae and European Foulbrood <i>Melissococcus plutonius</i> through biochemical analysis	827
3	P224	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Elena	Gonella	The impact of symbiosis disruption in pentatomid stink bugs affects pest control	947
3	P225	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Samuel	Gornard	Revealing insect resistance mechanisms in a host-parasitoid interaction	90
3	P226	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Jerome	Grant	Endophytic and entomopathogenic presence of <i>Beauveria bassiana</i> in kudzu bug, <i>Megacopta cribraria</i> , and kudzu, <i>Pueraria montana</i> , in the southeastern United States	339
3	P227	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Ola	Jassar	Interactions of <i>Liberibacter solanacearum</i> with carrot psyllid Endoplasmic reticulum (ER) and its association with apoptosis	621
3	P228	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Laurence	Mouton	Influence of secondary symbionts on host plant utilization and choice in the whitefly <i>Bemisia tabaci</i>	135
3	P229	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Itai	Opatovsky	<i>Candida</i> , do you serve as insect's probiotic or dietary supplement?	65
3	P230	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Patricia	Sanches	Effects of a plant virus and endosymbionts on aphid resistance to parasitoids	754
3	P231	Wed. 18 Oct 2023	07. Symbiosis and Insect Pathology	Maaïke	Vogel	Effects of diet on the expression of immune genes in the house fly (<i>Musca domestica</i>)	433
3	P232	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Ibrahim	Abdelhafiz	Evaluating the use of X-ray and temperature for the sterilizing of <i>Drosophila suzukii</i> for a Sterile Insect Technique program	510
3	P233	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Marie-Anne	Auger-Rozenberg	Rapid expansion and impact of a new invasive insect in Douglas-fir stands in France and Wallonia (Belgium): the Douglas-fir needle midge (<i>Contarinia pseudotsugae</i>)	670



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3	P234	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Christine	Becker	ResBerry: Resilient organic berry cropping systems through enhanced biodiversity and innovative management strategies	525
3	P235	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Carlos	Bernardes	Biopesticide efficacy trials against the southern green stink bug <i>Nezara viridula</i> .	671
3	P236	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Vasileia	Chatzaki	Protecting and enhancing ecosystem services and plant defenses in tomato crop	434
3	P237	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Eric	Conti	Effects of climatic variables on olive infestation by <i>Bactrocera oleae</i>	749
3	P238	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Maria Elisa	D. A. Leandro	Investigating the role of wheat variety on the bird cherry-oat aphid performance to improve BYDV management in cereals.	666
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3	P240	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Lauren	Diepenbrock	Exclusion netting – a non-insecticidal tool to manage huanglongbing for replanted citrus orchards?	604
3	P241	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Hannalene	du Plessis	Landscape level pest management strategies in tomato and potato production systems influence insect resistance evolution by <i>Phthorimaea</i> spp.	875
3	P242	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Aristidis	Economopoulos	Insect artificial rearing may select for negative to SIT adult behavior. The case of olive fly	653
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3	P249	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Estrella Marina	Hernandez Suarez	Evaluation of the predatory mite <i>Blattisocius tarsalis</i> (Mesostigmata: Blattisociidae) and the egg parasitoid <i>Trichogramma euproctidis</i> (Calcidoidea:Trichogrammatidae) for the control of <i>Tecia solanivora</i> (Lepidoptera:Gelechiidae) under semi storage conditions.	587
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3	P258	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Vicente-Santiago	Marco-Mancebón	Side-effects of three fungicides on <i>Anthocoris nemoralis</i> (Hemiptera: Anthocoridae), predator of <i>Cacopsylla pyri</i> (Hemiptera: Psyllidae)	648



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3	P263	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Alain	Roques	Looking for the best trapping design for early detection of xylophagous invaders	194
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3	P269	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Tanguy	Sorlin	Decreasing aphid infestations on sugar beet: effect of 3 VOCs on the behaviour of <i>Myzus persicae</i> (Sulzer) (Homoptera: Aphididae) and <i>Adalia bipunctata</i> (L.) (Coleoptera: Coccinellidae)	399
3	P270	Wed. 18 Oct 2023	15.1. Integrated Pest Management - Pest bio-ecology, monitoring and control.	Marianna	Stavrakaki	Evaluation of the side effects of the biopesticide Clavitus® 13SL on natural enemies	937
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3	P279	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Saioa	Legarrea	Plant-mediated defences induced by the omnivorous mirid bug <i>Dicyphus hesperus</i> do not prevent transmission of a begomovirus by <i>Bemisia tabaci</i>	333
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3	P283	Wed. 18 Oct 2023	15.2. Integrated Pest Management - Plant defenses, elicitors and antagonists.	Rajagopalbabu	Srinivasan	Acquisition and inoculation of a begomovirus is influenced by host resistance to the virus and naturally occurring virus variants	195
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4	P289	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Dion	Garrett	Agroecological approaches to monitor and control for virus yellows in sugar beet	511
4	P290	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Maria	Konstantopoulou	Biologically produced pheromones control <i>Helicoverpa armigera</i> and <i>Plutella xylostella</i>	922
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4	P295	Thu. 19 Oct 2023	15.3. Integrated Pest Management - DNovel technological tools in IPM.	Kiki	Varikou	Integrated Management of the <i>Bactrocera oleae</i> using Modern Electronics, Automations and IoT Technologies: The Case of Roumata in Crete	967
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4	P298	Thu. 19 Oct 2023	09.2. Medical and Veterinary Entomology - Next generation vector surveillance: Emerging technologies and the role of society	Konstantinos	Mavridis	Monitoring and management of insecticide resistance in malaria and arbovirus mosquito vectors through access to advanced diagnostic tools (INFRAVEC2- ISIDORe)	218
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4	P342	Thu. 19 Oct 2023	12.3 Social Insects and Apidology - Bees and pollination	Qian	Li	Ecology and management of pollination services in Korla fragrant pear in China	665
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4	P354	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Maria C.	Boukouvala	Sublethal effects of <i>Acmella oleracea</i> hexane extract on various behavioral traits of <i>Prostephanus truncatus</i>	802
4	P355	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Patrizia	Falabella	Usage of insect-based chitosan for the preservation of fresh cherry tomatoes	271
4	P356	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Constantin	Filintas	Food impact on immediate and delayed mortalities of three insecticides applied on concrete against <i>Alphitobius diaperinus</i> small and large larvae	253
4	P357	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Marina	Gourgouta	Identification of dominant insect species in storage facilities of specific dried fruits in Greece, Turkey, and Israel	905
4	P358	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Nickolas	Kavallieratos	Efficacy of <i>Carlina acaulis</i> essential oil nanoemulsion as wheat protectant against adults and larvae of three Tenebrionidae pests	255
4	P359	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Evagelia	Lampiri	Insecticidal effect of three insecticides applied on different surfaces for the control of three stored-product beetle species	521
4	P360	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Evagelia	Lampiri	Influence of grain type on the efficacy of graphene for the control of <i>Tribolium castaneum</i> , <i>Sitophilus zeamais</i> and <i>Sitophilus oryzae</i>	519
4	P361	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Cristina	Petrisor	Insecticidal potential of lavender essential oil against some stored grain cereals pests	458
4	P362	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Rosanna	Salvia	Usage of insect-based chitosan for the preservation of fresh fruits	268
4	P363	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Mariastela	Vrontaki	Insecticidal effect of contact insecticides applied on fortified rice for the control of stored product insects	878
4	P364	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	Mariastela	Vrontaki	Insecticidal effect of different diatomaceous earth formulations for the control of stored product beetles	879
4	P365	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	ANNA NIKOLETTA	ΣΚΟΥΠΤΗ	Efficacy of Apiaceae essential oil nanoemulsions against five arthropod pests	538



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4	P366	Thu. 19 Oct 2023	16.1. Stored Product Protection - Urban Entomology and Stored Product Protection: Integrated Protection of Stored Product Pests	ANNA NIKOLAETTA	ΣΚΟΥΡΠΗ	Changes in <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae) fitness when different developmental stages are exposed to chlorfenapyr	535
4	P367	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Constantin	Filintas	The pyrrole derivative chlorfenapyr causes immediate and delayed mortality to adults and larvae of <i>Alphitobius diaperinus</i> on concrete	970
4	P368	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Diletta	Missere	Quality control of <i>Pachycrepoideus vindemiae</i> (Hymenoptera: Pteromalidae) and <i>Muscidifurax raptor</i> (Hymenoptera: Pteromalidae) as pupal parasitoids for biological control of <i>Piophilidae</i> (Diptera: Piophilidae) in ham productions.	356
4	P369	Thu. 19 Oct 2023	16.2. Stored Product Protection - Urban Entomology and Stored Product Protection: Artifact Pests and Wood Borers in the Urban Environment	Rob	Morrison	Using long-lasting insecticide-incorporated netting protects bulk storage and processing facilities while minimizing fumigations	6
4	P370	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Stefanos	Andreadis	Density dependent development of the yellow mealworm <i>Tenebrio molitor</i>	545
4	P371	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Efthimia	Antonopoulou	Inclusion of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) reared on substrates enriched with post-distillation residues of aromatic-medicinal plants in fishfeed: cellular responses in the liver and the muscle of <i>Sparus aurata</i>	862
4	P372	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Efthimia	Antonopoulou	Dietary inclusion of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) reared on substrates enriched with post-distillation residues of aromatic-medicinal plants as modulator of the internal metabolism in pigs	863
4	P373	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Stefanos	Andreadis	Agri-food residues as rearing substrates for <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae): effects on growth, cellular responses and antioxidant capacity	891
4	P374	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Federica	De Stefano	Evaluation of antimicrobial activity of lipids extracted from <i>Tenebrio molitor</i>	269



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4	P375	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Sofia	Dervisoglou	Evaluation of food substrates on larval development and nutrimental parameters of <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae)	706
4	P376	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Patrizia	Falabella	Evaluation of antimicrobial activity of lipids extracted from <i>Hermetia illucens</i> reared on different feeding substrates	267
4	P377	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Marina	Gourgouta	Larval development of the superworm <i>Zophobas morio</i> (F.) (Coleoptera: Tenebrionidae) on substrates enriched with functional ingredients of aromatic and pharmaceutical plants of the Greek flora	906
4	P378	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Jérémy	Guillaume	Asymptotic Estimated Digestibility, a new indicator to overcome challenges related to faeces collection and ingesta quantification in <i>Hermetia illucens</i> larvae	336
4	P379	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Costanza	Jucker	Black soldier fly as a tool for the valorization of tomato waste	839
4	P380	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Sun Young	Kim	Subchronic oral dose toxicity evaluation and allergen of freeze-dried powder of <i>Locusta migratoria</i> as a novel food source	300
4	P381	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Ohseok	Kwon	Study on the application of <i>Protaetia brevitarsis</i> larva excrement as Organic fertilizer	447
4	P382	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Marianna	Rigopoulou	Feed particle size effect on larval growth of <i>Alphitobius diaperinus</i> and <i>Tenebrio molitor</i>	684
4	P383	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Christos	Athanassiou	Waste Orange Peels as a Feed Additive for the Enhancement of the Nutritional Value of <i>Tenebrio molitor</i>	554
4	P384	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Christos	Athanassiou	Integration of alternative proteins in the Mediterranean food and feed value chains: the CIPROMED perspective	859
4	P385	Thu. 19 Oct 2023	16.3. Stored Product Protection - Urban entomology and insects for food, feed and waste management	Ayse	Yarali Paisios	Insects for upcycling nutrients from food waste and agri-food byproducts into animal feed, fertilizers, and soil amendments – Towards pilot implementation in Greece	407