





IMPPC2019 PROGRAM

10 APRIL 2019 WEDNESDAY

<p>08:00 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 🚗</p> <p>08:30 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 🚗</p> <p>08:00-17:30 REGISTRATION <i>Exhibition Hall</i></p> <p>10:00-11:00 OPENING CEREMONY <i>Hall 1</i></p> <p>11:00-12:00 OPENING LECTURE <i>Hall 1</i></p> <p>O1. Honorary Lecture: "A quarter century in the labyrinths of immunometabolism" Gökhan S. Hotamisligil Moderator: Umut Toprak</p> <p>12:45-14:00 LUNCH 🍽️</p>	
<p>14:00-16:00 PLANT PATHOLOGY/ VIROLOGY SESSION 1 Hall 1 Moderators: Francisco Ochoa Corona -Kadriye Çağlayan</p> <p>14:00-14:30 Heiko Ziebell KEY</p> <p>O2. Nano goes viral - legume-infecting nanoviruses as a novel threat in Central Europe 14:30-14:45 Bayram Çevik</p> <p>O3. Comparison of the miRNAs profile of resistant and susceptible tomato cultivars in response to tomato spotted wilt virus infection 14:45-15:00 Nawres A.Sadeq Al-Kuwaiti</p> <p>O4. Diversity of begomoviruses infecting tomato and squash in Iraq 15:00-15:15 Mona Gazel</p> <p>O5. Metagenomic analysis of <i>Cestrum elegans</i> small RNAs revealed presence of tomato chlorosis virus 15:15-15:30 Muhammad Shafiq Muhammad</p> <p>O6. A new caveat for tomato: A distinct strain of cotton leaf curl gezira virus infecting tomato in Oman 15:30-15:45 Pakize Gök Güler</p> <p>O7. Molecular diagnosis of pospiviroids in tomato seed specimens 15:45-16:00 Zainul A. Khan</p> <p>O8. Molecular characterization of okra (<i>Abelmoschus esculentus</i>) infecting begomoviruses</p>	<p>14:00-16:00 ENTOMOLOGY/TOXICOLOGY SESSION 2 Hall 2 Moderators: David Heckel-Kamil Karut</p> <p>14:00-14:30 Ke Dong KEY</p> <p>O9. Knockdown resistance (kdr) to pyrethroid insecticides 14:30-15:00 John Vontas KEY</p> <p>O10. Investigating the contribution of cytochrome P450s and target site mutations in insecticide resistance of major agricultural pests 15:00-15:15 Emre İnak STU</p> <p>O11. Resistance status of <i>T. urticae</i> strains collected from vegetables in Turkey and screening for resistance mutations 15:15-15:30 Erhan Koçak</p> <p>O12. Genetic structure of phosphine resistance and marker development in <i>Sitophilus</i> spp. (Coleoptera: Curculionidae) populations in Turkey 15:30-15:45 Allah Bakhsh</p> <p>O13. Stacked insecticidal genes in potatoes exhibit enhanced resistance against Colorado potato beetle, <i>Leptinotarsa decemlineata</i> (Chrysomelidae: Coleoptera) 15:45-16:00 Serkan Suğeçti STU</p> <p>O14. Biochemical effects of dietary oxfendazole on oxidative and antioxidative levels in hemolymph of <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae) larvae reared on artificial diet</p>
<p>16:00-16:15 SHORT COFFEE BREAK ☕</p>	
<p>16:15-17:30 PLANT PATHOLOGY/NEMATOLOGY SESSION 3 Hall 1 Moderator: Barbara Gerič Stare</p> <p>16:15-16:45 Pierre Abad KEY</p> <p>O15. Plant root-knot nematode interaction: A sophisticated dialogue 16:45-17:15 John Jones KEY</p> <p>O16. Genome analysis of the potato cyst nematode: a tool for a better understanding of nematode biology 17:15-17:30 Esengül Özdemir STU</p> <p>O17. Identification of entomopathogenic nematodes and their symbiotic bacteria from the Natural Parks of Ankara, Turkey</p>	<p>16:15-17:30 ENTOMOLOGY/RNA INTERFERENCE SESSION 4 Hall 2 Moderator: Marek Jindra</p> <p>16:15-16:45 Guy Smagghe KEY</p> <p>O18. RNAi as a new technology in pest control: Current status and challenges 16:45-17:15 Luc Swevers KEY</p> <p>O19. Virus-induced gene silencing in insects 17:15-17:30 Allah Bakhsh</p> <p>O20. Silencing of some important genes leads to reduced fecundity and survival of Colorado Potato Beetle, <i>Leptinotarsa decemlineata</i> (Chrysomelidae: Coleoptera)</p>
<p>08:30-17:30 Posters should be attached to the boards.</p> <p>17:45 DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗</p> <p>19:30 FINAL DEPARTURE FROM HOTELS TO WELCOME COCKTAIL 🚗</p> <p>19:45-22:30 WELCOME COCKTAIL-ATO HALL</p> <p>21:30 DEPARTURE FROM WELCOME COCKTAIL TO HOTELS 🚗</p> <p>22:00 DEPARTURE FROM WELCOME COCKTAIL TO HOTELS 🚗</p> <p>22:30 FINAL DEPARTURE FROM WELCOME COCKTAIL TO HOTELS 🚗</p>	



11 APRIL 2019 THURSDAY

07:30 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 	
08:00 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 	
<p>08:30-10:15 PLANT PATHOLOGY/MYCOLOGY SESSION 5 Hall 1 Moderators: Mark Belmonte-Aziz Karakaya 08:30-09:00 Robert Brueggeman KEY O21. The Barley-fungal pathogen molecular arms race: Translating basic research to the field 09:00-09:15 Arzu Çelik Oğuz O22. A preliminary study of <i>Rhynchosporium commune</i> genetic diversity and mating type distribution in Turkey 09:15-09:30 Aslıhan Günel O23. N-glycosylation profiling of <i>Pyrenophora teres</i> f. <i>maculata</i> 09:30-09:45 Hamama-Iméne Lammari STU O24. Occurrence and frequency of spot form and net form of net blotch disease of barley in Algeria 09:45-10:00 Filiz Ünal O25. Identification, pathogenicity and phylogenetic evaluation of <i>Rhizoctonia</i> species in turfgrass areas in Turkey 10:00-10:15 Tülin Sarıgül Ertek STU O26. Molecular identification of <i>Phytophthora erythroseptica</i> causing pink rot of potato in Turkey</p>	<p>08:30-10:15 ENTOMOLOGY/ MODEL INSECTS SESSION 6 Hall 2 Moderators: Edward Blumenthal - Arzu Çelik Fuss 08:30-09:00 Bruno Lemaitre KEY O27. How host parasite coevolution forged the <i>Drosophila</i> immune? 09:00-09:30 Ronald P. Kühnlein KEY O28. Flying fat: Storage lipid metabolism in the <i>Drosophila melanogaster</i> model insect 09:30-09:45 Gözde Güney STU O29. Characterization of major proteins involved in the lipid metabolism of the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> 09:45-10:00 Cansu Doğan STU O30. Characterization of calcium-binding proteins in the fat body of Colorado Potato Beetle, <i>Leptinotarsa decemlineata</i> Say (Coleoptera: Chrysomelidae) 10:00-10:15 Umut Toprak O31. Comparative fat body transcriptomics and proteomics from feeding, aestivating and hibernating wheat stink bug, <i>Aelia rostrata</i> (Hemiptera: Pentatomidae) adults</p>
10:15-10:45 COFFEE BREAK 	
<p>10:45-12:45 PLANT PATHOLOGY/VIROLOGY SESSION 7 Hall 1 Moderators: Thierry Candresse - Serap Açıkgöz 10:45-11:15 Ozgur Batuman KEY O32. Strategies to control the Huanglongbing (a.k.a. citrus greening) disease of citrus and its psyllid vector 11:15-11:30 Bengi Topkaya STU O33. Quantification of citrus chlorotic dwarf associated virus (CCDaV) in sweet orange and mandarin 11:30-11:45 Büşra Fidancı STU O34. Distribution and molecular detection of citrus psorosis virus (CPSV) based on coat protein gene in Çukurova Region 11:45-12:00 Bahar Tunç STU O35. Incidence and genetic diversity of grapevine leaf roll associated virus-3 in Turkey 12:00-12:15 H. Deniz Kocabağ STU O36. First report of blueberry red ringspot virus in pomegranate trees in Turkey 12:15-12:30 Mehtap Acioğlu STU O37. Comparative genomic analysis of partial raspberry bushy dwarf virus sequences isolated from <i>Rubus</i> spp. and cherry plants 12:30-12:45 Kivilcim Ördek STU O38. Molecular detection and discrimination of blueberry mosaic associated virus isolates in cultivated and wild blueberry species</p>	<p>10:45-12:30 ENTOMOLOGY/INSECT PATHOLOGY SESSION 8 Hall 2 Moderators: Yonggyun Kim- Remziye Nalçacıoğlu 10:45-11:15 Salvador Herrero KEY O39. Plant priming and related metabolites influence the insect susceptibility to viral and bacterial entomopathogens 11:15-11:45 David Heckel KEY O40. Combatting insect resistance to <i>Bacillus thuringiensis</i> toxins 11:45-12:00 Umesh K. Gautam STU O41. Entomopathogenic fungus as potential biocontrol agent modulating production of vitellogenin protein in the firebug <i>Pyrrhocoris apterus</i> 12:00-12:15 Oğuzhan Yanar O42. Effects of different plants on enzyme activities of <i>Hyphantria cunea</i> Drury (Lepidoptera: Arctiidae) larvae infected by <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> 12:15-12:30 Gözde Büşra Eroglu STU O43. Whole genome sequence the Helicoverpa armigera single nucleopolyhedrovirus isolated from unreported host <i>Heliopsis peltigera</i></p>
12:45-14:00 LUNCH 	

KEY: Keynote speech

STU : Student speech

11 APRIL 2019 THURSDAY

<p>14:00-15:45 PLANT PATHOLOGY/ BACTERIOLOGY SESSION 9 Hall 1 Moderators: Pauline Wang- Saul Burdman</p> <p>14:00-14:30 David Guttman KEY O44. Decoding bacterial host specificity via comparative genomics</p> <p>14:30-14:45 Didem Canik Orel O45. A sensitive method for <i>Agrobacterium vitis</i> detection: Magnetic capture hybridization</p> <p>14:45-15:00 Aynur Karahan O46. Investigation of Flavescence dorée and Bois noir phytoplasmas and potential vector species in vineyard areas of Central Anatolia Region</p> <p>15:00-15:15 Damla Ertimurtaş O47. Molecular diagnosis of <i>Pseudomonas syringae</i> pathovars causing bacterial canker on stone fruits</p> <p>15:15-15:30 Salih Yılmaz STU O48. Raising the awareness of risk occurrence due to clover proliferation group phytoplasmas (16Sr-VI) infection of various crops in Turkey</p> <p>15:30-15:45 Said Sadallah O49. Identification and characterization of <i>Erwinia amylovora</i> isolated from apple and pear trees in Eastern Algeria</p>	<p>14:00-15:45 ENTOMOLOGY / GENOME EDITING & RNA INTERFERENCE SESSION 10 Hall 2 Moderators: John Vontas</p> <p>14:00-14:30 Angharad Gatehouse KEY O50. New technologies and molecules for crop protection</p> <p>14:30-15:00 Gregor Bucher KEY O51. iBeetle: Unbiased genome wide RNAi screening- the quest for novel genes in development, physiology and pest control</p> <p>15:00-15:30 Sabine Hänniger KEY O52. Genome editing in noctuid moths</p> <p>15:30-15:45 Sarbesh Das Dangol STU O53. CRISPR/Cas9 method based gene editing of potato invertase inhibitor gene</p>
<p>15:45-16:00 SHORT COFFEE BREAK </p>	
<p>16:00-17:45 PLANT PATHOLOGY/MYCOLOGY SESSION 11 Hall 1 Moderators: Eric Boa - Semra Hasançebi</p> <p>16:00-16:30 Mark Belmonte KEY O54. Using RNA interference to protect crops against fungal pathogens</p> <p>16:30-16:45 Messoaud B. Bensaci O55. Phylogenetic and pathogenic characterization of <i>Mauginiella scaettae</i> as the causal agent of date palm (<i>Phoenix dactylifera</i> L.) inflorescence rot in southeast of Algeria</p> <p>16:45-17:00 Tülin Sarıgül Ertek STU O56. Molecular detection of fungal diseases in strawberry production areas in Central Anatolia Region</p> <p>17:00-17:15 Yousef Haj-Ahmad O57. Cost effective and environmentally friendly antifungal strategy introduced by molecular based customized pest management in vineyard</p> <p>17:15-17:30 Ülkem Taniker O58. Molecular and morphological identification of fungal diseases of kiwi fruit orchard in Western Black Region</p> <p>17:30-17:45 Gülsüm Palacioğlu STU O59. Use of iPBS markers in the evaluation of genetic variability within and between the populations of important soil pathogens</p>	<p>16:00-17:45 ENTOMOLOGY/ INSECT IMMUNITY SESSION 12 Hall 2 Moderators: Salvador Herrero - Feza Can</p> <p>16:00-16:30 Yonggyun Kim KEY O60. Insects use a novel biosynthetic pathway to produce prostaglandin E2</p> <p>16:30-17:00 Francesco Pennacchio KEY O61. Insects as interacting metaorganisms: New insights for bioinspired insect control</p> <p>17:00-17:15 Volkan Keleş STU O62. The effect of streptomycin on certain antioxidant enzymes in different stages of <i>Drosophila melanogaster</i></p> <p>17:15-17:30 Rehemah Gwokyalaya STU O63. Effects of boric acid on the cellular immunity of model insect <i>Galleria mellonella</i> larvae</p> <p>17:30-17:45 Farid Asif Shaheen O64. Propensity and immune defense mechanisms of pulse beetle, <i>Callosobruchus chinensis</i> L. (Coleoptera: Bruchidae) against infections caused by entomopathogenic fungi</p>
<p>17:45-18:00 SHORT COFFEE BREAK </p>	

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11 APRIL 2019 THURSDAY

18:00-19:00 PLANT PATHOLOGY/NEMATODOLOGY SESSION 13 Hall 1 Moderator: John Jones 18:00-18:30 Johannes Helder KEY O65. Convergent evolution of plant parasitism among nematodes, and the relevance of comparative genomics to improve our understanding of (in)compatible host-parasite interactions 18:30-19:00 Barbara Gerič Stare KEY O66. Classification of species <i>M. ethiopica</i> , <i>M. luci</i> and <i>M. inornata</i> into <i>Meloidogyne ethiopica</i> group	18:00-19:00 ENTOMOLOGY/MIDGUT BIOCHEMISTRY & FEEDING SESSION 14 Hall 2 Moderator: Bruno Lemaitre 18:00-18:30 Edward Blumenthal KEY O67. Regulation of extracellular barrier integrity by the drop-dead gene in <i>Drosophila melanogaster</i> 18:30-18:45 Gianluca Tettamanti O68. Effects of metagenome-sourced chitinases on the peritrophic matrix of Lepidoptera 18:45-19:00 Svetlana S. Paponova STU O69. Gall mite <i>Fragariocoptes setiger</i> (Eriophyoidea) changes leaf developmental program and regulates gene expression in the leaf tissues of <i>Fragaria viridis</i> (Rosaceae)
18:00 DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗	
19:15 FINAL DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗	

KEY: Keynote speech

STU : Student speech

12 APRIL 2019 FRIDAY

07:30 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 

08:00 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 

08:30-10:15 PLANT PATHOLOGY/BACTERIOLOGY SESSION 15 Hall 1

Moderators: Robert Jackson - Fikretin Şahin

08:30-09:00 Saul Burdman **KEY**

O70. Elucidating the type III-secretome of the cucurbit pathogenic bacterium *Acidovorax citrulli*

09:00-09:15 Kamil Duman **STU**

O71. Genetic Characterization of *Pseudomonas syringae* pv. *phaseolicola* Strains isolated from common bean production areas in Turkey

09:15-09:30 Zehra Mezreli **STU**

O72. Detection and characterization of phytoplasmas with molecular methods in the fields of pepper in Sanliurfa Province

09:30-09:45 Kübra Yıldız **STU**

O73. Search for presence of *Xylella fastidiosa* and its vectors in olive and citrus orchards in Antalya Province

09:45-10:00 Utku Sanver **STU**

O74. Biochemical and molecular Identification of *Xanthomonas campestris* pv. *campestris* the causal agent of black rot on crucifers

10:00-10:15 Serhat Kara **STU**

O75. Characterization of a new type three secretion effector in *Xanthomonas Cynarae*

08:30-10:15 ENTOMOLOGY/INSECT SYSTEMATICS& PHYLOGENY & EVOLUTION SESSION 16 Hall 2

Moderators: Ke Dong - Hasan Hüseyin Başbüyük

08:30-09:00 James J. Smith **KEY**

O76. Molecular phylogenetic approaches to plant protection: Some benefits of an evolutionary perspective

09:00-09:15 Sabine Hänniger

O77. Timing matters! The timing of attraction as a driver of species diversification

09:15-09:30 Seda Yücel **STU**

O78. Genetic diversity of cotton bollworm, *Helicoverpa armigera* (Lepidoptera:Noctuidae) population in Çanakkale

09:30-09:45 Akın Kuyulu **STU**

O79. Genetic diversity in mtDNA (COI) region of codling moth, *Cydia pomonella* (L.) (Lepidoptera: Tortricidae) from apple orchards in Turkey

09:45-10:00 İnci Şahin **STU**

O80. Molecular species identification by DNA barcoding in the genus *Thrips* (Thysanoptera:Thripidae) in Turkey

10:00-10:15 Emel Ören **STU**

O81. Is "Travel" in *Pityophthorus juglandis* genes? What SSRs reveal about USA versus European Populations

10:15-10:45 COFFEE BREAK 

10:45-12:15 PLANT PATHOLOGY/ VIROLOGY SESSION 17 Hall 1

Moderators: Mona Gazel

10:45-11:15 Thierry Candresse **KEY**

O82. The game-changing impact of high-throughput sequencing (HTS) in plant virology

11:15-11:30 Charles Ruhimbana **STU**

O83. Utilizing CAPS markers to pyramid potyvirus resistance genes into Rwandan common bean genotypes

11:30-11:45 Şerife Topkaya

O84. Molecular characterization of potato virus Y in Tokat province

11:45-12:00 Filiz Randa Zelyüt **STU**

O85. Phylogenetic analysis of mirafiori lettuce big vein virus isolates from Turkey, Ankara

12:00-12:15 Sahra Hosseinalizadeh **STU**

O86. Screening of some plant pathogenic fungi for the presence of dsRNA mycoviruses

10:45-12:15 ENTOMOLOGY/ INSECT SYSTEMATICS& PHYLOGENY & EVOLUTION SESSION 18 Hall 2

Moderators: Angharad Gatehouse

10:45-11:15 Miranda Whitten **KEY**

O87. Symbiotic bacteria in the control of thrips and other pest insects

11:15-11:30 Gül Satar

O88. Endosymbiont *Buchnera aphidicola* phylogenetics on the different aphid species

11:30-11:45 Sevgi Coşkan


O89. Characterization of thrips species as a vector of tomato spotted wilt tospovirus (TSWV) in host plants in Turkey

11:45-12:00 Bayram Çevik

O90. Identification of differentially expressed genes in viruliferous and non-viruliferous *Trialeurodes vaporariorum*

12:00-12:15 Burcu İnal

O91. Does DNA barcoding provide host specificity for Black cherry aphid *Myzus cerasi* (Fabricius, 1775) (Homoptera: Aphididae)?

12:30-14:00 LUNCH 





KEY: Keynote speech

STU : Student speech

12 APRIL 2019 FRIDAY

<p>14:00-15:15 PLANT PATHOLOGY/MYCOLOGY SESSION 19 Hall 1 Moderators: Robert Brueggeman-Fulya Baysal-Gurel</p> <p>14:00-14:30 Eric Boa KEY O92. Promises, promises: does molecular plant protection deliver for small-scale farming?</p> <p>14:30-14:45 Hicret Aslı Yalçın STU O93. Investigation of NLP recognition and immune response in <i>B.napus</i> by bulk-segregant analysis</p> <p>14:45-15:00 Sirel Canpolat O94. Molecular detection of angular leaf spot disease (<i>Pseudocercospora griseola</i>) in bean production in Western Black Sea Region</p> <p>15:00-15:15 Duygu Mermer Doğu STU O95. Molecular identification of <i>Bremia lactucae</i> causing downy mildew in lettuce in Turkey</p> <p>15:15-15:30 Hela Chikh-Rouhou (TRANSFERRED FROM SESSION 23) O109. Marker-assisted selection of Fusarium wilt and Aphid resistance in Tunisian melon genotypes</p>	<p>14:00-15:00 ENTOMOLOGY/ METAMORPHOSIS SESSION 20 Hall 2 Moderator: Hasan Sungur Civelek</p> <p>14:00-14:30 Marek Jindra KEY O96. Interaction of insect juvenile hormones and JH-mimicking insecticides with the intracellular JH receptor</p> <p>14:30-15:00 Xavier Bellés KEY O97. Regulation of insect metamorphosis with hormones, transcription factors and microRNAs</p> <p>15:15-16:00 EDITORIAL PANEL: "Perspectives from Editors in Insect Physiology & Biochemistry: What Editors Expect to See?" Hall 2 Moderator: Umut Toprak</p> <p>15:15-15:20 Introductory remarks 15:20:15:30 Francesco Pennacchio <i>Editor in Chief- Journal of Insect Physiology</i></p> <p>15:30-15:40 Marek Jindra <i>Editor in Chief- Insect Biochemistry & Molecular Biology</i></p> <p>15:40-15:50 Yonggyun Kim <i>Editor in Chief- Archives of Insect Biochemistry & Physiology</i></p> <p>15:50-16:00 Questions & Answers & Conclusion</p>
<p>15:30-17:15 POSTER SESSION Exhibitor Hall <i>All presenting poster authors should be present at or near their posters.</i> <i>All posters must be removed by 17:15 on Friday</i></p>	
<p>15:30-17:00 HERBOLOGY & WEED SCIENCE SESSION 21 Hall 1 Moderator: Robert Edwards</p> <p>15:30-16:00 Baruch Rubin, KEY O98. Herbicide-resistant weeds: Mechanisms and management</p> <p>16:00-16:30 Robert Edwards KEY O99. Multiple roles for glutathione transferases in herbicide selectivity and resistance</p> <p>16:30-16:45 Abdullatif M. Abdurruhan STU O100. Molecular based test to detect pinoxaden resistance in sterile wild oat (<i>Avena sterilis</i> L.)</p> <p>16:45-17:00 Nurefşan Cırık O101. Optimization of glufosinate ammonium concentration prior to develop herbicide resistant watermelon (<i>Citrullus lanatus</i> Thunb.)</p>	<p>16:00-17:00 PLANT PATHOLOGY/NEMATOLOGY SESSION 22 Hall 2 Moderator: Halil Elekçioğlu</p> <p>16:00-16:30 Manuel Mota KEY O102. Pinewood nematode-microbe-plant-insect interactions, at a molecular level</p> <p>16:30-16:45 Mehmet Sait Karaca STU O103. Molecular characterization of root lesion and cereal cyst nematodes on cereals in Konya and Karaman Provinces in Turkey</p> <p>16:45-17:00 Halil Toktay O104. Species-specific PCR Assays for identification <i>Heterodera filipjevi</i></p>
<p>15:30-17:30 POSTER SESSION</p> <p>16:30 DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗</p> <p>17:00 DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗</p> <p>17:30 FINAL DEPARTURE FROM CONGRESS CENTER (Mithat Özsan Hall) TO HOTELS 🚗</p> <p>19:00 DEPARTURE FROM HOTELS TO GALA DINNER-Park Zirve 🚗</p> <p>19:30 DEPARTURE FROM HOTELS TO GALA DINNER-Park Zirve 🚗</p> <p>20:00 FINAL DEPARTURE FROM HOTELS TO GALA DINNER-Park Zirve 🚗</p> <p>19:30-00:30 GALA DINNER - ZIRVE PARK BALLROOM 🍽️</p> <p>23:00 DEPARTURE FROM GALA DINNER TO HOTELS 🚗</p> <p>23:30 DEPARTURE FROM GALA DINNER TO HOTELS 🚗</p> <p>00:00 DEPARTURE FROM GALA DINNER TO HOTELS 🚗</p> <p>00:30 DEPARTURE FROM GALA DINNER TO HOTELS 🚗</p> <p>01:00 FINAL DEPARTURE FROM GALA DINNER TO HOTELS 🚗</p>	

13 APRIL 2019 SATURDAY

07:30 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 	
08:00 DEPARTURE FROM HOTELS TO CONGRESS CENTER (Mithat Özsan Hall) 	
<p>08:30-10:30 PLANT PATHOLOGY/MYCOLOGY SESSION 23 Hall 1 Moderator: Yasemin Bektaş- Sibel Derviş 08:30-09:00 Fulya Baysal-Gurel KEY O105. Track and Trace: Plant Pathogen Detection 09:00-09:15 Mahdi Arzanlou O106. Pathogenic, phenotypic and molecular characterization of fungal species involved in trunk disease of pomegranate in Iran 09:15-09:30 Davut Soner Akgül O107. Phylogenetic discrimination and pathogenicity of fungi causing <i>Botryosphaeria</i> dieback disease on grapevine in Southern Turkey 09:30-09:45 Nuray Körükmez O108. Fruit rot caused by <i>Botryosphaeria dothidea</i> on olive in Turkey 09:45-10:00 Hela Chikh-Rouhou TRANSFERRED TO SESSION 19 O109. Marker-assisted selection of <i>Fusarium</i> wilt and Aphid resistance in Tunisian melon genotypes 10:00-10:15 Houda Bouregha CANCELLED O110. Molecular identification and characterization of some isolates of the genus <i>Trichoderma</i> with high potential antagonist against phytopathogenic fungi 10:15-10:30 Wassila Dendouga O111. Cell wall degrading enzymes (CWDE) of <i>Trichoderma</i> strains as key factors on biocontrol of wheat <i>Fusarium</i></p>	<p>08:30-10:30 PLANT PATHOLOGY/VIROLOGY SESSION 24 Hall 2 Moderator: Ozgur Batuman-Bayram Çevik 08:30-09:00 Francisco Ochoa Corona KEY O112. Detection of host selected pathogens sets by E-probe Diagnostic Nucleic acid Analysis (EDNA) 09:00-09:15 Kadriye Çağlayan O113. Application of next generation sequencing for detection of a novel virus in raspberries 09:15-09:30 Snezhana Milusheva O114. Experiments on Plum pox virus elimination from micropropagated plum plants through non-thermal plasma treatment 09:30-09:45 Sevidiye Yorgancı O115. Virus disease of the fig and their management 09:45-10:00 Behçet Kemal Çağlar O116. Genetic characterization and group analysis of <i>Spiroplasma citri</i> from citrus trees in Adana and Mersin Provinces of Turkey 10:00-10:15 Sevgi Coşkan O117. The assessment of tomato genetic sources resistance to tomato spotted wilt tospovirus (TSWV) and its distribution and genetic diversity in Turkey 10:15-10:30 Eminur Elçi O118. Molecular Screening of new emerging viral diseases of tomato in Mersin and Niğde Provinces of Turkey</p>
10:30-11:00 COFFEE BREAK 	
<p>11:00-12:30 PLANT PATHOLOGY/MYCOLOGY SESSION 25 Hall 1 Moderator: Yusuf Yanar 11:00-11:30 Mahmut Tör KEY O119. SIGS and HIGS: investigation into silencing genes in the obligate downy mildew pathogen. 11:30-11:45 Mesut Keser O120. Allelic variation for disease and pest resistance genes in a breeding program and implication of it on developing resistant germplasm 11:45-12:00 Pierre Van Cutsem O121. The COS-OGA elicitor induces systemic acquired resistance in plants 12:00-12:15 Sabrina Sarrocco O122. Competition between <i>Trichoderma gamsii</i> and <i>Fusarium graminearum</i> in the biocontrol of <i>Fusarium</i> Head Blight 12:15-12:30 Nasir Ahmed Rajput O123. PSCRN70 effector enhances susceptibility to <i>Phytophthora parasitica</i> and confers resistance to salinity and drought in <i>Nicotiana benthamiana</i></p>	<p>11:00-12:45 PLANT PATHOLOGY/BACTERIOLOGY SESSION 26 Hall 2 Moderator: David Guttman- Yeşim Aysan 11:00-11:30 Fikretin Şahin KEY O125. Development of a novel seed coating formulation used for management of seedborn plant pathogens 11:30-12:00 Robert Jackson KEY O124. A genomic island carrying a type III effector undergoes chromosomal excision and supercoiling to stealthily exist at low levels in a pathogen population infecting a resistant plant 12:00-12:15 Mine Saraçoğlu O126. Investigation of <i>Xylella fastidiosa</i> and its potential vector species in Central Anatolian Region 12:15-12:30 Ümit Özyılmaz O127. Specificity of conventional and Real-time PCR assays for the detection of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> in Turkey 12:30-12:45 Nurşen Ustun O128. <i>Xylella fastidiosa</i> threat in Turkey: Risks and survey results in the Aegean Region</p>
12:45-13:30 QUICK LUNCH 	

KEY: Keynote speech

STU : Student speech

13 APRIL 2019 SATURDAY

13:30-15:00 ENTOMOLOGY/INSECT BIOTECHNOLOGY

SESSION 27 Hall 1

Moderator: Francesco Pennacchio

13:30-14:00 Eileen Knorr **KEY**

O129. Insect biotechnology in plant protection

14:00-14:30 Kostas Mathiopoulos **KEY**

O130. Smell and sex in the olive fly: New tools for fly control

14:30-14:45 Saber Delpasand Khabbazi

O131. Limited expression of Cry1Ac along with a plant-derived agglutinin lectin gene in the cotton plant; an approach to reducing public concerns about transgenics

14:45-15:00 Robert Jackson

O132. Multiple toxins enable *Pseudomonas poae* to kill aphids

THE END

KEY: Keynote speech

STU : Student speech

Poster Session:

- 10 April 2019 Wednesday 08:30-17:30 Posters should be attached to the boards.
- 12 April 2019 Friday 15:30-17:15 Presenters should be next to their posters for questions-answers

P1. Sibel Yorulmaz Salman Spirodiclofen resistance and monooxygenase (P450) enzyme relation of *Tetranychus urticae* Koch (Acari:Tetranychidae) from egg-plant populations

P2. Yusuf Yanar Morphological and molecular identification of entomopathogenic fungi, isolated from different locations in Tokat-Turkey

P3. Mehmet Başhan Fatty acid composition of total lipid, triacylglycerol, phospholipid and phospholipid subclasses of aphid species, *Aphis rumicis* L. and *Schizaphis graminum* (Rond.) (Hemiptera:Aphididae)

P4. Kazım Sezen *Vip3Aa* from *Bacillus thuringiensis kurstaki*

P5. İ. Alper Susurluk Reaction to some formulation ingredients of hybrid strain *Heterorhabditis bacteriophora* and its parents

P6. Nabi Alper Kumral Recent developments in molecular diagnostic methods of Phytoseiidae species (Acari: Mesostigmata)

P7. Arzu Çelik Fuss *Iroquois-complex* genes regulate olfactory receptor neuron diversification in *Drosophila melanogaster*

P8. Aydemir Barış Identification and determination of Thrips species in alfalfa plantations of Aksaray Province

P9. Bahram Naseri Digestive enzymatic activity of *Tribolium castaneum* (Coleoptera: Tenebrionidae) larvae on different barley cultivars

P10. Ayşe Özdem Genetic approaches for management of some important fruit flies

P11. İsmail Demir Efficiency of entomopathogenic fungi in the control of nymphs and adults of *Ricania japonica* (Hemiptera: Ricaniidae)

P12. Eugene A. Rogozhin Expression of a recombinant beta/delata-agatoxin-1 from the spider *Agelena orientalis* in *Lecanicillium muscarium* for increasing virulence potential against insect pests

P13. Reza Farshbaf PourAbad RNAi in *Tuta absoluta* management: Effects of injection and root delivery of dsRNAs

P14. İsmail Karaca Detection of endosymbionts from *Trialeurodes vaporariorum*, populations from Isparta and Antalya

- P15. İsmail Karaca** Molecular identification of Turkish and Algerian *Ceratitis capitata* (Diptera: Tephritidae) populations of citrus trees
- P16. Umut Toprak** Comparative midgut proteomics from feeding and hibernating Sunnpest, *Eurygaster maura* (Hemiptera: Scutelleridae)
- P17. STU Cansu Doğan** Identification of fatty acid binding and transport proteins in *Spodoptera littoralis* (Boisduval) (Lepidoptera:Noctuidae): Potential target sites in pest control
- P18. STU Aylin Aydın** *Bacillus*-based bioinsecticides in mosquito control: Mode of action and resistance scenarios
- P19. STU Abdullah Emre Atış** Diamide insecticide resistance in tomato leafminer, *Tuta absoluta* (Lepidoptera: Gelechiidae) from Antalya, Turkey
- P20. STU Esra Köse** Diet, obesity and beyond: Lessons from Insects
- P21. STU Doğa Cedden** Identification of circadian timekeeping genes in Colorado potato beetle, *Leptinotarsa decemlineata* Say (Coleoptera:Chrysomelidae)
- P22. STU Ebru Güney** A study on bacterial control of various pests
- P23. STU Gözde Büşra Eroğlu** Oil-based formulation of Trichoplusia ni single nucleopolyhedrovirus for developing an effective microbial pesticide
- P24. STU Zeynep Bayramoğlu** Whole genome sequence analysis and organization of the Hyphantria cunea granulovirus (HycuGV-Hc1) from Turkey
- P25. STU Dönüş Gençer** Genome organization of Malacosoma neustria nucleopolyhedrovirus (ManeNPV-T2) and interactions of AC145 proteins with oral infectivity proteins
- P26. STU Dönüş Gençer** Investigation of Amsacta moorei entomopoxvirus (AMEV) glycosyl transferase activity and insecticidal effects
- P27. STU Cebirail Barış** Molecular identification and mortality effects of local *Metarhizium* isolates on *Rhyzopertha dominica*, *Sitophilus oryzae*, *Tribolium confusum* and *Blatella americana*
- P28. STU Musa Kırışık** Molecular identification approaches for mealybug pest species (Hemiptera: Pseudococcidae)
- P29. STU Başak Ulaşlı** Evaluation and optimization of DNA extraction protocols for Zygaenidae (Lepidoptera)

- P30. STU Melis Yalçın** Biochemical analysis and synergistic suppression of spinosad and indoxacarb resistance in *Tuta absoluta*
- P31. STU Aydın Yeşilyurt** An increasing insecticidal effect on insect larvae by recombinant iridoviruses
- P32. STU Akın Kuyulu** Molecular identification of *Drosophila suzukii* (Matsumura) (Diptera:Drosophilidae) in Çanakkale
- P33. STU Özgür Altundaş** Mediterranean fruit fly (*Ceratitis Capitata*) management with sterile insect release methods
- P34. STU Didem Coral Şahin** Application of molecular species delimitation approaches: The case of Chrysomelidae (Coleoptera)
- P35. Snezhana Milusheva** Updated data on reaction of plum cultivar 'Jojo' to *Plum pox virus* under field conditions in Plovdiv region of Bulgaria
- P36. Vesile Urin** Monitoring some resistance genes against leaf rust disease (*Puccinia recondita* f.sp. *tritici*) in natural epidemic conditions in Sakarya Province
- P37. Serkan Önder** Next generation sequencing (NGS) applications in diagnosis of grapevine viruses and viroids
- P38. Aynur Karahan** The study on vectors of Stolbur phytoplasma in potato growing areas of Bolu, Kırşehir, Sivas and Yozgat Provinces
- P39. Mohammad Reza Eslahi** Study on defense related genes expression of wheat in response to *Mycosphaerella graminicola* using cDNA-AFLP
- P40. Wassila Dendouga** Biotic and abiotic factors influencing distribution of biocontrol strains of *Trichoderma* in Algerian desert soils
- P41. Raziye Çetinkaya Yıldız** Genetic differentiation of *Pseudomonas syringae* pv. *syringae* strains from citrus and stone fruits in the Eastern Mediterranean Region, Turkey
- P42. Sumer Horuz** Identification of bacterial spot (*Xanthomonas euvesicatoria*) on pepper and tomatoes
- P43. Filiz Ünal** First report of brown patch disease caused by *Rhizoctonia solani* AG 1 on turfgrasses in Turkey
- P44. Filiz Ünal** *Nigrospora* blight in turfgrass areas in Turkey
- P45. Irina Pisareva** Applied molecular methods for diagnostic *Xylella fastidiosa* Wells et. al. in the Russian Federation

- P46. Ida Gennadevna Bashkirova** Real-time PCR to identify phytoplasmas from the apple proliferation group
- P47. İbrahim Erdoğan** Using small RNA technology to control plant pathogens
- P48. Mürşide Yağci** Analysis of the applicability of molecular markers linked to resistance genes to *Meloidogyne incognita* and *Meloidogyne javanica* in peach and nectarine rootstocks
- P49. Sirel Canpolat** Molecular and morphological identification of fungal diseases of dry bean fields in Turkey
- P50. Linda Allala-Messaoudi** Genetic diversity of potato virus Y (PVY) Algerian potato isolates
- P51. Tülin Sarıgül Ertek** Pathogenic fungi species isolated and genetically characterized in oregano field plantation of Central Anatolian climatic conditions
- P52. Mina Shidfar** Breeding of powdery and downy mildew resistant cultivars via marker assisted selection in grape
- P53. Yuliya V. Orlova** Using molecular markers for identification of true thistles (*Cirsium*)
- P54. STU Nazi Arzagi Zonoz** Identification of endophytic bacteria in some selected native vegetable plants and their efficiency in biological control of bacterial soft rot disease
- P55. STU Süreyya Özben** First report of *Cylindrocladiella parva* associated with black foot disease of grapevine in Turkey
- P56. STU Selda Çalışkan** Molecular diagnosis of root-knot nematodes detected in pomegranate gardens in Antalya Province
- P57. STU Şükran Yayla** Metagenomics in plant pathology
- P58. STU Senem Tülek** Molecular and morphological diagnosis of *Alternaria* species causing black root rot disease in carrots
- P59. STU Senem Tülek** Molecular studies on the pathogenesis of *Synchytrium endobioticum*
- P60. STU Lerzan Öztürk** Molecular characterization and phylogenetic relationships of *Xiphinema index* associated with grapevines and fig trees from Northwestern Marmara Region, Turkey
- P61. STU Hakan Çarpar** Investigation of phytoplasma diseases of tomato in Hatay- Turkey
- P62. STU Hakan Çarpar** Phytoplasma diseases of periwinkle (*Catharanthus roseus*) plants in recreation areas in Hatay-Turkey

- P63. STU Ahmad Hekmat Kashtiban** Detection of *Cauliflower mosaic virus* (CaMV) infecting Cold-season vegetables in Ankara province, Turkey by serological and molecular methods
- P64. STU Bahadır Şin** Morphologic and molecular characterization and phylogenetic relationships of *Cuscuta campestris* Yunck associated with several crop plants and weeds in Northwestern Marmara Region, Turkey
- P65. STU Kander Koç** Resistance breeding studies for rust diseases in wheat and use of marker assisted selection (MAS)
- P66. STU Yousef Panahandeh** An integrative approach for characterization of two new and one known species of the genus *Miculenchus* Andrassy, 1959 (Nematoda: Tylenchidae) from Iran
- P67. STU Zahereh Panahi** Assessment of efficiency of some antibiotics in controlling of bacterial soft-rot disease and effect of copper nano-particles in their performance in laboratory condition
- P68. STU Merve Kara** Morphological and molecular characterization of downy mildew disease caused by *Peronospora variabilis* on *Chenopodium album* in Turkey
- P69. STU Merve Kara** Molecular identification of powdery mildew disease agent *Golovinomyces orontii*, as a potential threat for tobacco (*Nicotiana tabacum*) in Turkey
- P70. STU Elvan Sert Çelik** Comparison of propidium mono azide and reagent D for differentiation of live vs. dead *Aphelenchoides besseyi* using Real-time PCR
- P71. STU Tevfik Özalp** The efficiency of molecular markers linked to *N* and *Me* genes in peppers
- P72. STU Utku Şanver** Biochemical and molecular identification of *Pseudomonas syringae* pv. *Maculicola*, the causal agent of bacterial leaf spot on crucifers
- P73. STU Kübra Nur Selçuk** Biotic and abiotic stress related genetic transformation studies in Turkey
- P74. STU Esra Gül** Spray induced gene silencing (SIGS) in plant pathogenic fungi
- P75. STU Ayşenur Aslan** Morphologic and molecular identification and phylogeny of *Meloidogyne chitwoodi* in potato growing areas in Nigde Province, Turkey
- P76. STU Abdul Rahman Moukahel** Molecular characterization of poleroviruses affecting chickpea in Sudan
- P77. STU Özlem Akbaş** *Agrobacterium tumefaciens* mediated genetic transformation studies of legumes in Turkey
- P78. STU Yağmur Türkmen** Detection of grapevine fanleaf virus infection in Amasya province, Turkey

- P79. STU Nazlı Özkurt** Molecular insights into the role of propolis in plant protection
- P80. STU İbrahim Ergüven** Detecion of the causative agent associated with onion yellows in Adana province
- P81. STU Adyatma I. Santosa** Serological and molecular detection of *leek yellow stripe potyvirus* infecting onion (*Allium cepa*) and leek (*Allium ampeloprasum*) in Ankara, Turkey
- P82. STU Ceyda Yüzbaşı**The role of bar domain-containing proteins in the rice blast fungus *Magnaporthe Oryzae*
- P83. STU Nikoo Javadi** Efficiency assessment of endophytic bacteria isolated from native weeds in biological control of bacterial canker disease of stone-fruit trees
- P84. Afsaneh Delpasand Khabbazi** Development of a modified method to extract dsRNA from different plant host species