

## Molecular Marker (MM) Session

Poster number	Attendee's Name	Title	Title of the Presentation
<b>MM-1</b>	Doğan İLHAN	Assist. Prof.	A Molecular Marker Pattern in Alfalfa ( <i>Medicago sativa</i> L.): SSR (Simple Sequence Repeat)
<b>MM-2</b>	Doğan İLHAN	Assist. Prof.	Genetic Diversity Assessment in Some Alfalfa ( <i>Medicago sativa</i> L.) Subspecies of East Anatolian Region
<b>MM-3</b>	Sibel YILMAZ	Assist. Prof	Identification of Rice Retrotransposons in Barley
<b>MM-4</b>	Seçil KIVRAK	MSc student	Genetic Stability Confirmation of Cryopreserved Three Different <i>Mentha × piperita</i> L. Cultivars Using ISSR Markers
<b>MM-5</b>	Elif YETİLMEZER KOÇAK	PhD student	Exploring the Usability of Universal SSR Markers as an Indicator of Salt Tolerans/Resistance and Examining the Gene Expression Profiles Under Salt Stress Conditions in Our Some Bread Wheat ( <i>Triticum aestivum</i> L.) Cultivars
<b>MM-6</b>	Selin GÜL ÜNSAL	MSc student	DNA Barcoding of Turkish Wild Cherry Populations
<b>MM-7</b>	Seda NEMLİ	Assist. Prof	Analysis of Genetic Diversity among Walnut Genotypes in Turkey Revealed by GBS Markers
<b>MM-8</b>	Seda NEMLİ	Assist. Prof	Determination DNA Markers Controlling Resistance Genes to Yellow Rust through Genome Wide Association Studies (GWAS) in Durum Wheat ( <i>Triticum durum</i> )
<b>MM-9</b>	Semih ERDOĞMUŞ	MSc student	Determination of the Population Structure of Fig Genotypes from Algeria and Turkey Using Inter Primer Binding Site-Retrotransposon and Simple Sequence Repeat Markers
<b>MM-10</b>	Semih ERDOĞMUŞ	MSc student	Identification of SSR and SNP Markers Linked to Flowering Time Loci through Association Mapping in Common Bean ( <i>Phaseolus vulgaris</i> L.)
<b>MM-11</b>	Nur KARACA	MSc student	Genetic Diversity in Durum Wheat Based on Genotyping by Sequencing (GBS) Technology
<b>MM-12</b>	Esin ÖZÜKURU	MSc student	Association Mapping of Fruit Firmness, Weight and Color in Apricot ( <i>Prunus armeniaca</i> L.)
<b>MM-13</b>	Esin ÖZÜKURU	MSc student	Population Structure and Genetic Relationships of Wild ( <i>Cicer reticulatum</i> L.) and Cultivated ( <i>Cicer arietinum</i> L.) Chickpea Accessions Revealed by GBS Analysis
<b>MM-14</b>	Duygu ATEŞ	PhD student	Genetic Diversity of Apricot Revealed by Genotyping by Sequencing (GBS) Technology
<b>MM-15</b>	Duygu ATEŞ	PhD student	Genome-wide Association Mapping (GWAS) Links Candidate Genes to Fruit Traits in Walnut

<b>MM-16</b>	Filiz FERİK	MSc student	Genome-Wide Association Study (GWAS) of Some Fruit Characters through Genotyping by Sequencing (GBS) in Apricot Germplasm in Turkey
<b>MM-17</b>	Özlem ÖZBEK	Assoc. Prof.	Genetic Diversity in Populations of <i>Carthamus</i> L. from Southeastern Anatolia in Turkey Revealed by ISSR Analysis
<b>MM-18</b>	Ahu ALTINKUT UNCUOĞLU	Prof.	Genetic Variability of <i>Orobanche cumana</i> Race Populations from Thrace Region of Turkey
<b>MM-19</b>	Ahu ALTINKUT UNCUOĞLU	Prof.	Molecular Characterization of <i>Pistacia</i> Species with A Barcode Gene, <i>rbcL</i>
<b>MM-20</b>	Elif ULUTAŞ	BSc	Determination of Local Tomato chlorosis crinivirus (ToCV) by Molecular Methods
<b>MM-21</b>	Buket ÇAKMAK	PhD student	Plant Transposons in Human DNA
<b>MM-22</b>	Gülççek KILIÇ	MSc student	Optimisation of Selective Molecular Markers Linked to Brown Rust Resistance Genes for MAS
<b>MM-23</b>	Emrah AKPINAR	MSc student	Determination of Mildew Disease ( <i>Plasmopara halstedii</i> ) resistant genotypes by using molecular markers in sunflower

## Plant Tissue Culture (PTC) Session

Poster number	Attendee's Name	Title	Title of the Presentation
<b>PTC-1</b>	Merve ALBAYRAK	PhD student	Tissue Culture and Transposon Studies on <i>Colchicum chalconicum</i>
<b>PTC-2</b>	Ceren ÜNEK	Post-Doc.	Pathogen Screening in Hazelnut Plants Prior to In Vitro Propagation
<b>PTC-3</b>	Muhammad Nisar ALİ	MSc student	Embryogenic callus induction from Citrus species via in vitro ovule culture
<b>PTC-4</b>	Hamit EKİNCİ	PhD student	From solid to liquid micropropagation systems: a case study on Photinia
<b>PTC-5</b>	Yıldız AYDIN	Assoc. Prof.	Antioxidant Enzyme Activity in vitro Tissue Culture Conditions in Sunflower

## Stress (S) Session

Poster number	Attendee's Name	Title	Title of the Presentation
S-1	Olca ŞAHİN	MSc student	Genomic Analysis of Feeder Soybean Seeds Under Salinity Stress
S-2	Çağla Görkem EROĞLU	MSc student	Physiological Impact of Salinity Stress on Two Closely Relative Species: Model Plant <i>Brachypodium distachyon</i> and Common Wheat <i>Triticum aestivum</i>
S-3	Elif KARLIK	PhD student	Expression Analysis of lncRNAs in Barley Under Salinity Stress
S-4	Fatma AYDINOĞLU	PhD	Cell cycle regulation in maize ( <i>Zea mays</i> L.) leaf growth zones under chilling stress
S-5	Burcu KARAHALİL	PhD student	Interaction of Barley Heterotrimeric G Protein Alpha Subunit With Molecular Signalling in Plant Stress Response
S-6	Sefa AYTEN	BSc	Natural variation of salt tolerance in Quinoa
S-7	Bayram Ali YERLİKAYA	BSc	Physiological, Biochemical and Molecular Responses of Quinoa Plant Under Drought Stress
S-8	Mehtap ŞAHİN ÇEVİK	Assoc. Prof.	Isolation of Drought Responsive NAC Gene from Rangpur Lime

## Secondary Metabolite Production (SMP) Session

Poster number	Attendee's Name	Title	Title of the Presentation
SMP-1	Veysel SÜZERER	PhD student	Determination of shikonin contents and establishment of callus culture from Turkish <i>Echium</i> spp.
SMP-2	Emine AYZAZ TILKAT	Assoc. Prof.	Effects of heavy metals elicitation on therapeutic agent production in in vitro lentisk cultures
SMP-3	Engin TILKAT	Prof.	Essential oil profiles of different parts of <i>Pistacia lentiscus</i> L. and their anticholinesterase activities
SMP-4	Atalay SÖKMEN	Prof.	Effects of various media components on micropropagation, rosmarinic acid content and essential oil profiles of micropropagated plantlets of <i>Thymus leucotrichus</i> Hal.
SMP-5	Fusun AKGÜL	Assist. Prof.	Total Lipid and Fatty Acids of <i>Rivularia bullata</i> Berkeley ex Bornet & Flahault (Cyanobacteria, Rivulariaceae)
SMP-6	Rıza AKGÜL	Assist. Prof.	Secondary Metabolites Obtained from Microalgae
SMP-7	Kubilay YILDIRIM	Assist. Prof.	<i>In Vitro</i> production potential of Steviol glycosides

## Plant Microbe Interaction (PMI) Session

Poster number	Attendee's Name	Title	Title of the Presentation
PMI-1	Irmak ŞAH	PhD student	Characterization of Plant Growth Promoting Bacterium from in vitro cultures of <i>Fraser Photinia</i>
PMI-2	Maria BATOOL	MSc student	Positive effects of Photinia associated putatively endophytic bacteria on in vitro growth of <i>Arabidopsis thaliana</i>
PMI-3	Filiz ÜNAL	PhD	Isolation and Molecular Identification of Hypovirulent Binucleat <i>Rhizoctonia</i> spp. on Turfgrass Areas in Turkey
PMI-4	Gül İMRİZ	PhD	In vitro Screening of Rhizobacterial Isolates for Biological Control of Wheat Foot and Root Rot Disease Causal Organism <i>Fusarium culmorum</i> (W.G. Smith)
PMI-5	Miray ARLI SÖKMEN	Prof.	Bean Common Mosaic Virus Pathogen Group VII Isolates Causes Systemic Necrosis at Room Temperature Conditions in a Bean Cultivar Carrying the Dominant Isogene
PMI-6	Berna TUNALI	Prof.	Determination of Fumonisin B1, B2 in Corn by High Performance Liquid Chromatography and Contamination in Preharvest and Different Stored Conditions and Times in Samsun Province
PMI-7	Nazlı Dide KUTLUK YILMAZ	Assoc. Prof.	Rz1 and Rz1+C48 Genes in Sugarbeet are Breakdown by Turkish Beet Necrotic Yellow Vein Virus Isolates
PMI-8	Bayram ÇEVİK	Prof.	Transcriptional Response of a Resistant Tomato Cultivar to Tomato spotted wilt virus Infection

## Nanotechnology (NT) Session

Poster number	Attendee's Name	Title	Title of the Presentation
NT-1	İlgin AKPINAR	PhD student	An Investigation of Inhibitory Effect of Different Nanoparticles on <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> (FORL).
NT-2	Fatma YANIK	PhD student	Silver Nanoparticles Induced Programmed Cell Death Evidences in Wheat Roots
NT-3	Sandeep KUMAR VERMA	PhD	Effect of nanoparticles on growth, development, and micro RNA expression in plant system

## General (G) Session

Poster number	Attendee's Name	Title	Title of the Presentation
<b>G-1</b>	Füsün AKGÜL	Assist. Prof.	An Overview of the Commercial and Biotechnological Potential of Microalgae
<b>G-2</b>	Mohammed HADDAD	PhD student	Alkali pH is favourable for biodiesel feedstock production in an indigenous <i>Scenedesmus</i> strain
<b>G-3</b>	Zeynep Elibol ÇAKMAK	PhD	Ammonium nutrition improves FAME composition of <i>Dunaliella tertiolecta</i> for biodiesel production
<b>G-4</b>	Mohammed HADDAD	PhD student	Nitrogen dependent changes in triacylglycerol production in an indigenous <i>Scenedesmus</i> strain
<b>G-5</b>	Zeynep Elibol ÇAKMAK	PhD	Initial pH: A prominent tool to control triacylglycerol content of <i>Dunaliella tertiolecta</i>
<b>G-6</b>	Nehir ÖZDEMİR ÖZGENTÜRK	Assoc. Prof.	Analyze of Some Conserved miRNA in <i>Olea europaea</i>
<b>G-7</b>	Nehir ÖZDEMİR ÖZGENTÜRK	Assoc. Prof.	Detection of Some Conserved microRNA's in Hazelnut ( <i>Corylus colurna</i> L. and <i>Corylus avellana</i> L.)
<b>G-8</b>	Aysel KEKİLLİOĞLU	PhD	Conservation or Gene Erosion of Wheat Landraces of Anatolia
<b>G-9</b>	Aysel KEKİLLİOĞLU	PhD	As a Modern Agro-Biotechnological Products: Genetically Modified Potatoes
<b>G-10</b>	Emre AKSOY	Assist. Prof.	Sulfur Metabolites can be Used as Iron Fertilizers to Restore Iron Deficiency Symptoms in Plants
<b>G-11</b>	Amir MAQBOOL	PhD student	Ferric-chelate Reductase: Could It Be Used as an Alternative Method to Understand Iron Sensitivity in Soybean
<b>G-12</b>	Amir MAQBOOL	PhD student	Analyses of Some Physiological Responses of Soybean Cultivars Under Iron Deficiency
<b>G-13</b>	Musa KAVAS	Assoc. Prof.	Transcriptome-wide analysis of hazelnut MYB and bHLH transcription factor family members during leaf development

