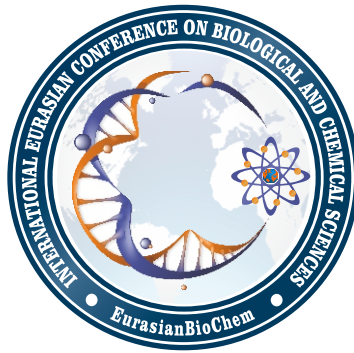




8th INTERNATIONAL EURASIAN CONFERENCE ON
BIOLOGICAL AND CHEMICAL SCIENCES

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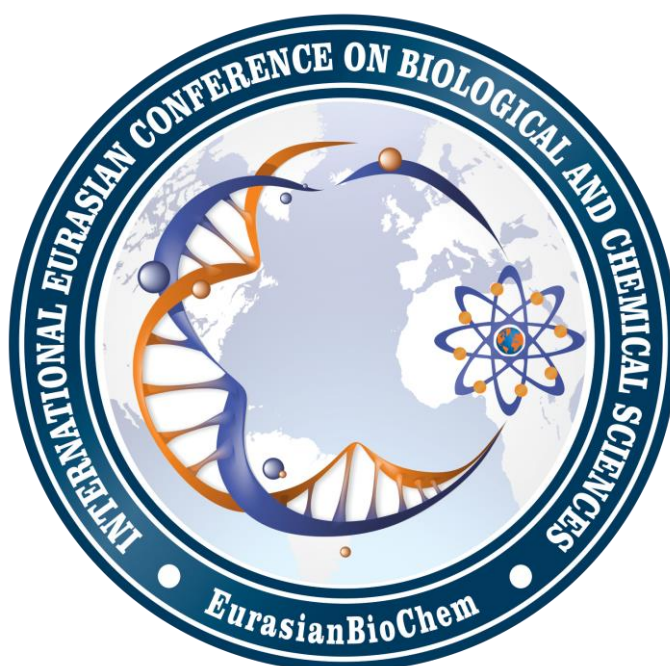
8th International Eurasian Conference on
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ORAL PRESENTATIONS			
17 December 2025		SESSION 1	Time 09:00 - 10:30
Session 1.1 / 09:00 - 10:30		Session Chair : Prof. Dr. Serpil Demirci	
1	83- Supercritical carbondioxide extraction of <i>Nigella sativa</i> L. seed oil: fatty acid composition, nutritional energy and antimicrobial activity Hatice Banu Kesinkaya*, Şeyma Akalın, Zeliha Üstün Argon, Süleyman Doğu		
2	400- The Diagnostic Importance of Circulating Subfatin Levels in the Development of Obesity Merve Zorlu*, Burak Yazgan		
3	479-Human health evaluation of drinking water sources in Kütahya Province Nurtap KAYA*, Mustafa Kavasoglu		
4	503- Combined Evaluation of Inflammatory Biomarkers and Circulating miRNA-29c in Diabetic Nephropathy Destan KALAÇAY, Hüseyin KAYADİBİ, Burcu BABA, Cumhuri BİLGİ, Ezgi ÇOŞKUN YENİGÜN, Şimal KÖKSAL CEVHER, Özkan ALATAŞ, Evin KOCATÜRK, Aysun HACİŞEVKİ*		
5	507- Synthesis of Novel Hybrid Compounds via Multi-Component Reactions and Determination of Their Anticancer Activities on Colon Cancer (HT-29) Cell Line by <i>In Silico</i> and <i>In Vitro</i> Methods Serpil Demirci*, Esmâ Kübra Kağan Yeniçeri, Ahmet Altay, Halil Gökce, İkra Pirbudak		
6	511- Magnesium and Calcium Complexes of Curcumin and Quercetin: Insights into Cell Viability, Oxidative Stress, and Antioxidant Potential Selma Ustürk*, Ergül Mutlu Altundağ, Cahit Özbilenler, Namık Refik Kerküklü, Elvan Yılmaz		
7	688- Preparation of a drug delivery system including caffeic acid for the inhalation-based treatment of lung cancer Ahmet ERKAN*, Ece UĞURLU, Güliz AK DEMİROZ		
8	820-Synthesis, characterization, and evaluation of cytotoxic activities of n-phenyl-n'-(4-pyridylmethyl)urea derivatives in breast cancer cell lines Orazjmal Mametkulyyeva, Sümeyye Buran, Münevver Baran, Şengül Dilem Doğan*		
Discussion			
Break (10:30 - 11:00)			

Session 1.2 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Zuhal Tunçbilek
1	305- Hydrogel Form Containing Drug Delivery System For Psoriasis Treatment Potential Aslıhan Çimen*, Elif Çayırılı, Güliz Ak Demiroz	
2	338- Altered Serum Levels of Netrin-4 and Neogenin Reflect Tumor Progression in Glioma Patients Fırat Aydın*, Taylan Turan*, Aymelek Gönenç*, Ömer Hakan Emmez**	
3	344- Agomelatine may alleviate the LPS-induced ER stress response and apoptotic signaling in human embryonic kidney cells Yağmur DOĞANLAR, Yalçın Erzurumlu*	
4	346- In Vitro Investigation Of Enzyme İnhibitory Mechanisms Of Some Traditionally Used Antidiabetic Plants Saman abdulsattar a.jabbar Alsalihi*, Cevat Nisbet, Reza Khoshbakht farshad	
5	363- Evaluation of Bax expression in colorectal tumors and adjacent healthy tissues Zuhale Tuncbilek*, Hakkı Coskun, Gonca Kabak	
6	773- İksut otu (<i>Cuscuta europaea</i> L.) kullanılarak sentezlenen çinko oksit nanopartiküllerin antimikrobiyal ve küf (ekmek küfü) üzerine etkisinin belirlenmesi Nisa ALTIÖZ*, Cemile GÜNBEGİ ÇALIŞKAN	
7	775- İğde meyvesinden sentezlenen çinkooksit nanopartiküllerin antimikrobiyal etkinliği ve akciğer ve kolon kanseri üzerine sitotoksik etkisi Leyla Ercan, Cemile Günbegi Çalışkan, Serap Toprak Döşlü	
8	796- Determination of <i>In Vitro</i> Biological Activity of Firethorn Plant Fruits Ebru COTELİ*	
Discussion		
Break (10:30 - 11:00)		

Session 1.3 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. İlker Erdem
1	311- Farklı Gıdalardan Elde Edilen <i>A. flavus</i> İzolatlarının Genetik ve Toksik Profillerinin İncelenmesi Berfin Sucu, Işıl Var*, Seda Yılmaz	
2	320- Coating of Mg alloys with nano hydroxyapatite (HA) to be used as biodegradable biomaterials İlker Erdem*	
3	364- Biogenic nanotechnology's role in the treatment of Parkinson's disease: How can we benefit more from foods? İbrahim Ertugrul Yalcin*, Zeynep Mercanoglu	
4	369- Determining the Potential of the Marine Invasive Alien Macroalga <i>Styopodium schimperi</i> as a Blue Economic Resource Aysegul Ergenler*, Buse Tuğba Zaman, Elif Bozkir, Zekiye Ceren Arituluk Aydin, Pinar Siyah, Serdar Karakurt, Sezgin Bakirdere, Tolga Depci, Funda Turan	
5	370- Biogenic Gold Nanoparticles (AuNPS) From Invasive Brown Macroalga <i>Styopodium schimperi</i> Aqueous Extract: Characterization And Ecotoxicological Potential Aysegul Ergenler*, Buse Tuğba Zaman, Elif Bozkir, Zekiye Ceren Arituluk Aydin, Pinar Siyah, Serdar Karakurt, Sezgin Bakirdere, Tolga Depci, Funda Turan	
6	426- In Vitro Seed Germination, Callus Induction, and Shoot Formation of <i>Zygophyllum album</i> L. Hend Hassan*, Musa Türker	
7	537- Intelligent Bioprocesses, Artificial Intelligence, and Machine Learning in Plant Tissue Culture Mustafa Kahya*, Mehmet Sezgin	
8	558- Bitki hormonu olarak karrikinlerin bitki fizyolojisindeki rolü, ekolojik önemi ve tarımsal biyoteknolojideki uygulama potansiyelleri Mustafa Kahya*, Mehmet Sezgin	
Discussion		
Break (10:30 - 11:00)		

Session 1.4 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Hasan Çalışkan
1	383- Borik Asidin Melanom Hücre Hattı Üzerindeki Antikanser Etkisinin Araştırılması Şeyma Nur Çelik*, Melek Pehlivan, Hatice İlayhan Karahan, Mustafa Soyöz, Tülay Kılıçaslan Ayna, İbrahim Pirim	
2	493- Coverage-confidence paradox in Turkey: A secondary analysis of childhood vaccination and public attitudes (1980-2024) Mahir Ünallelylioğlu, Kardelen Karaman*	
3	568- Determination of the Association of TLR2 rs5743708 and rs121917864 Polymorphisms with Endometrial Cancer Risk Emine Yagci, Ahmet Dogukan Gokcek, Gamze Zengin, Tufan Oge, Cansu Ozbayer, Hulyam Kurt	
4	631-Pulmoner fibrozisde antioksidan genlerin düzenlenmesi-bir derleme çalışması Pinar Aksoy*, Önder Yumrutaş, Muhittin Doğan	
5	668- Examination of Muscle Strength and Reflexes in Male Adolescent Rats with Streptozotocin-Induced Diabetes Mellitus Özlem Özcanlı Çay, Hasan Çalışkan*	
6	787- Environmental evaluation of outdoor pollen and its association with allergic asthma in a population group Brikena Muja (Parllaku), Etleva Hamzaraj, Mirela Lika (Çekani)	
7	607-Evaluation of the cytotoxic effect of vortioxetine on various cancer cell lines Samet Oz*	
8	611-Investigation of the cytotoxic effect of tizanidine on different cell lines Guldeniz Sekerci*	
Discussion		
Break (10:30 - 11:00)		

Session 1.5 / 09:00 - 10:30		Session Chair : Assoc. Prof. Dr. Şükran Melda Eskitoros Toğay
1	31- Development of hyaluronic acid-coated/curcumin-loaded poly(ϵ -caprolactone) membranes for biofunctional wound dressing applications Şükran Melda Eskitoros Toğay*, Adem Ünal	
2	48- Carbon-filled polymer composites: structure–property relationships for improved mechanical and thermal performance Semih Doğan*	
3	79- Design of a Lipoic Acid-Based Thioester Polymer Functionalized with Tryptophan for Drug Release Özlem Kaplan*, Kevser Bal, Sibel Küçükertuğrul Çelik, Mehmet Koray Gök	
4	737- Optimization and Formulation of Quetiapine Bilosomes Using a Central Composite Design Ayah Sawaie, Liban Barre*, Onur Pinarbasli, Mustafa Sinan Kaynak	
5	749- Quality by Design Optimization of Calcium Phosphate Nanocores for Aquasomes: Role of Precursor Ratio and Sonication Time Liban Barre*, Neslihan Avcı, Mustafa Sinan Kaynak	
6	761- Green Synthesis of Zinc Oxide Nanoparticles From <i>Eucalyptus globulus</i> : Characterization, and Investigation of the Antimicrobial Effects Kader Kelle*, Emre Erden Kopar, Nurdan Pazarlıoğlu	
7	219- Synthesis and Release Kinetic Modelling of Nanoparticles Loaded with a Secondary Metabolite Arzu Aliyeva, Ayshe Ishik, Burju Guleryuz*	
8	310-Bowtie-Patterned Nanosensor Arrays for Food Safety Monitoring Nazlı Öncer, Sümeyra Vural Kaymaz, Elmas Eva Öktem Olgun, Oltan Canlı, Barış Güzel, Süleyman Çelik, Selim Tanrıseven, Hasan Kurt, Meral Yüce*	
Discussion		
Break (10:30 - 11:00)		

ORAL PRESENTATIONS			
17 December 2025		SESSION 2	Time 11:00 - 12:30
Session 2.1 /11:00 - 12:30		Session Chair : Assist. Prof. Dr. Özlem Ayşe Tosyalı	
1	535- Determination of MIC-MBC values and DPPH removal activity of Zinc oxide Nanoparticle Canan Koç, Funda Ulusu, Adem Sarılmaz, Faruk Özel, Yakup Ulusu		
2	657- Metilen mavisi adsorpsiyonunda kullanılmak üzere mısır atıklarından manyetik biyochar üretimi ve karakterizasyonu Kübra Polat*, Emre Karaduman, Anıl Tevfik Koçer, Mehmet Burçin Pişkin		
3	659- Plantago lanceolata ekstraktı ve çinko-oksit nanopartikülleri ile zenginleştirilmiş çift katmanlı fonksiyonel mikroiğne üretimi ve karakterizasyonu Canan Bozyokuş*, Anıl Tevfik Koçer, Azime Erarslan		
4	705- Fidelity of FDM-fabricated PLA bone scaffolds to CAD models: a comparative analysis of voronoi, TPMS, and lattice architectures İzel Ekinci*, Daver Ali		
5	744- Eudragit-Coated PLGA Nanoparticles Encapsulating CAPE-Ag Complex for Gastric Cancer Therapy Kübra Karadaş*, Emrah Şefik Abamor, Murat Topuzoğulları, Serap Acar, Bükre Kıran Üner, Tural Safarov, Seçil Kaya, Zişan Toprak		
6	765- Fabrication and characterization of polyvinyl alcohol/gelatin/hyaluronic acid based microneedle patches for transdermal delivery of amphotericin B Özlem Ayşe Tosyalı*		
7	19- Aloe vera L. bitkisinin gizli parmak izlerinin tespitinde kullanımı üzerine bir ön çalışma Kübra Bebek*, Kıymet Berkil Akar		
Discussion			
Break (12:30 - 13:00)			

Session 2.2 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Ruşen Koray Eyison
1	33- Assessment of Spinal Problems in the Sagittal Plane among Students of Aldent University Roxhensa Sula*, Irena Kola, Elona Laçi	
2	34- The Impact of PNF Protocols on the Activation Increase of the Multifidus and Transversus Abdominis Muscles Roxhensa Sula*, Irena Kola	
3	35- Chemical Warfare Agent Recognition by Using A Practical Mobile Application Ruşen Koray Eyison*	
4	42- Associations between disc displacement, degenerative changes, and inflammatory findings in TMJ: An MRI-based study Gerta Halilaj*, Gentian Stroni, Nebi Cemeta, Arben Mitrushi, Roland Hasa, Erjon Karaj	
5	54- Maternal and Infant Outcomes of Breastfeeding and Formula Feeding: A Quantitative Comparative Study Mirva Hoxha	
6	77- Health Emergency Management in a Regional Coastal Hospital During the Tourist Season Mirva Hoxha*, Arber Hoxha*	
7	783- Maternal and neonatal outcomes following induction of labor at term: a retrospective cohort study Lindita Ibrahim, Ferdita Haxhiu Derguti, Brikene Dacaj Elshani	
8	716- Trends in Utilization and Expenditure of Reimbursed Lipid-Lowering Drugs in Albania Alida Sina*, Rezarta Shkreli	
Discussion		
Break (12:30 - 13:00)		

Session 2.3 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Deniz Karataş
1	6- In silico Assessment of the Interaction of the Natural Compound Zeaxanthin with Insulin, Glucocorticoid, and GLP-1 Receptors Associated with Type 2 Diabetes Nil Sazlı, Deniz Karataş*	
2	64- A study on mark gene family members in pancreatic adenocarcinoma Ozcan Gulbey	
3	252- Efficient multiple testing procedure for belief propagation on biological network with conformal prediction Mehmet Ali Kaygusuz, Vilda Purutçuoğlu	
4	293- Optimal multiple testing procedure for double machine learning with clustering data Mehmet Ali Kaygusuz, Vilda Purutçuoğlu	
5	319- In silico analysis of missense SNPs in the CDH9 gene Duru Su Orkun, Ömer Faruk Karasakal*	
6	330- Integrative bioinformatics reveals crosstalk between MIF and HER2 signaling networks in breast and colorectal cancer Khired Sajid, Özge Akbulut Çalışkan*	
7	891- An Integrated Multi-Omics Framework for Robust MSI Detection in Colorectal Cancer Betül Isin	
Discussion		
Break (12:30 - 13:00)		

Session 2.4 / 11:00 - 12:30		Session Chair : Assoc. Prof. Dr. Ayca Tan
1	494- Effect of PDE4B inhibitors on miRNA levels in different glioma cell lines Linah Mohamed Elmagzoub*, Mehmet Ozansoy	
2	543- <i>Bacillus thuringiensis</i> parasporal proteinlerinin çeşitli kanser hücre hatları üzerinde sitotoksik aktiviteilerinin araştırılması Müjgan Kesik Oktay*, Burcu Şahin, Hatice Güneş	
3	576- Doğal Bt izolatından elde edilen parasporal proteinin PC-3 hücreleri üzerinde sitotoksik ve hücre göçünü inhibe edici etkilerinin incelenmesi Müjgan Kesik Oktay*, Burcu Şahin, Hatice Güneş	
4	556- Resveratrol'ün 4T1 meme kanseri hücreleri üzerinde sitotoksik etkisinin değerlendirilmesi Özlem Türksever, Hacer Kaya Çakır, Onur Eroğlu	
5	634- Analysis of tumor mutational burden and mutation status in immunotherapy-treated lung adenocarcinomas Ayça Tan	
6	670- Comparative analysis of three genomic DNA isolation methods in <i>Simulium bezzii</i> Kübra Nedinç, Ebru Ceren Fidan*	
7	676- Synergistic effects of ruxolitinib and <i>Liquidambar orientalis</i> extract on MDA-MB-231 breast cancer cells Enes Aytar, Kader Ekran, Esin Guvenir Celik*, Onur Eroğlu	
8	757- The Regulatory Role of Resveratrol on the FOXP3 Gene Tuğba Bayramoğlu*, Şevval Türk, Kader Baştepe, Lutfiye Karcioğlu Batur, Merve Yasemin Altıntaş	
Discussion		
Break (12:30 - 13:00)		

Session 2.5 / 11:00 - 12:30		Session Chair : Assoc. Prof. Dr. Züleyha Özer
1	21- Su içindeki alüminyum ve florür iyonlarının akıllı telefon uyumlu çift tespiti için mono-süstitüe rodamin sentezi Sinan Bayindir*, Kemal Yazarli	
2	290- Design, Synthesis, and Antimicrobial Potential of Novel Substituted Pyrazoline Derivatives: A Spectroscopic and Biological Evaluation Tayyibe Beyza Yücel*, Esra Deniz Candan	
3	361- Synthesis of New Sensor Based on Quinolinium-Containing Cyanobiphenyl İrem Sena Şen*, Arzu Uyanik, Ezgi Akceylan	
4	528- Synthesis and Structural Characterization of a Novel Chromone-1,3,4-Thiadiazole-Hydrazone Hybrid Bearing a 4-Fluorobenzyl Moiety Ayşen Işık*	
5	552- Efficient Microwave-Assisted Synthesis of Novel Compounds by the Reaction of Penta-1,4-diene-3-one Derivatives with N,N-Dimethyl Barbituric Acid E. Vildan Burgaz*, İmge Kunter, Mehtap Yakut	
6	666- Investigation of the Antioxidant and Anticholinesterase Activities of Methanol Extracts of <i>Thymus sipyleus</i> Boiss. and <i>T. zygoides</i> Griseb. Züleyha Özer	
7	178- Synthesis of novel bis-hydrazone derivatives and in silico evaluation of their COX-2 inhibitory potentials Hazal Şahinbey, Sevil Şenkardes*	
8	316- Polimerlerde Ester Temelli Engellenmiş Âmin Işık Dengeleyici (HALS) Sentezi ve Karakterizasyonu Aslı Uluçay*, Gökhan Ceyhan	
Discussion		
Break (12:30 - 13:00)		

ORAL PRESENTATIONS			
17 December 2025		SESSION 3	Time 13:00 - 14:30
Session 3.1 /13:00 - 14:30		Session Chair : Assist. Prof. Dr. Cansu Metin Hacisa	
1	176- Çipuranın (<i>Sparus aurata</i>) spesifik bozulma organizmalarının tespit edilmesi Hatice Göçke Hasanhocaoğlu*, Latif Taşkaya, Yunus Alparslan, Cansu Metin Hacisa, Taçnur Baygar		
2	490- Seasonal lipid and fatty acid profile of gilthead seabream (<i>Sparus aurata</i> L.) cultured in the Aegean and Mediterranean Seas Cansu Metin Hacisa*, Yunus Alparslan, Taçnur Baygar		
3	747- Sustainable Waste Recycling Strategies in the Blue Economy Sevim Hamzaçebi*		
4	770- Tunicate Species Diversity in İzmir Bay Neslihan Türkçü*, Ertan Dağlı, Duru Şahin, A. Kerem Bakır, Alper Doğan, Ilgaz Doğa Yıldırım, Gizem Gündeğer		
5	798- The Role and Impact of Eco-Labels in Seafood Marketing Ali Koray Şişman*, Huriye Göncüoğlu-Bodur		
6	265- Investigation of feeding interactions between the Randall's threadfin bream (<i>Nemipterus randalli</i>) and the common pandora (<i>Pagellus erythrinus</i>), two co-occurring fish species in Gökova bay, using stable isotope analysis Ceyda Nur Erdoğan*, Sercan Yapıcı, Daniela Giannetto		
7	282- <i>Lactarius deliciosus</i> (L.) Gray özütlerinin gökkuşağı alabalığı (<i>Oncorhynchus mykiss</i> , Walbaum, 1792) filetolarının raf ömrü üzerine etkisi Ceyda Nur Erdoğan, Hayrünisa Baş Sermenli		
Discussion			
Break (14:30 - 15:00)			

Session 3.2 / 13:00 - 14:30		Session Chair : Assoc. Prof. Dr. Alper Koyiğit
1	27- Impact of diet on reproductive performance in dairy cows in Algeria Kalem Ammar, Hadj Omar Karima, Daoudi Zerrouki Nacira, Djallel Adel	
2	28- Study of the effect of antibiotics and probiotics on sperm quality in vitro using an automated semen analysis system (CASA) Kalem Ammar*, Djallel Adel, Daoudi Zerrouki Nacira, Hadj Omar Karima	
3	88- Ko testislerinin 3B modellenmesinde doku matlaştırma işleminin model parametrelerine etkisi Alper Koyiğit*	
4	89- Sütü sığırlarda süt verimi ile suni tohumlama sonrası gebelik oranı ilişkisinin araştırılması Alper Koyiğit*, Hüseyin Ün	
5	165- Bir Alman Çoban Köpeğinde Tek Yavru Sendromuna (Single Pup Syndrome) Bağlı Olarak Şekillenen Güç Doğum Olgusu Ahmet Gözer*	
6	188- Synergistic Antioxidant Effect of Squalene and Saponin in a D-Galactose-Induced Aging Model Büşra Börekçi, Kubra Sener, Elif Naz Gürsoy, Şule Coşkun Cevher*	
7	189- Fitoterapötik bir umut: Silimarinin hayvan sağlığı üzerindeki etkilerine ilişkin klinik ve deneysel kanıtlar Cansu Çelik*, Gül Fatma Yarım, Murat Yarım	
8	312- Assessing the Impact of Microbial Dysbiosis on Disease Pathogenesis through a One Health Perspective Ozge Ardıclı	
Discussion		
Break (14:30 - 15:00)		

Session 3.3 / 13:00 - 14:30		Session Chair : Assist. Prof. Dr. İdris Bektaş
1	256- Isolation of bacteriocin-producing <i>Enterococcus</i> strains from traditional cheeses Seda Seyirt*, Başar Uymaz Tezel, Pınar Şanlıbaba	
2	270- Determination the pathogenicity and virulence of <i>Fusarium</i> species isolated from Amasya, Türkiye, on Sugar Beet İdris Bektaş*	
3	331- Bir üniversite hastanesinde konjenital sitomegalovirüs (CMV) enfeksiyonlarında moleküler test sonuçlarının değerlendirilmesi Osman Özşahin*, Hayriye Kirkoyun Uysal, Ali Ağaçfidan	
4	336- DNA Isolation and Purification Methods of Microorganisms Mustafa Evren, Mustafa Apan*	
5	337- Mayaların Tanımlanmasında Kullanılan Yöntemler Mustafa Evren, Mustafa Apan*	
6	392- Recombinant production of glycoprotein E of Varicellovirus bovinealpha1 in the <i>Pichia pastoris</i> yeast expression system Servet Merve Büyükceran*, Ayşe Gençay Göksu*, İbrahim Sözdutalmaz*	
7	473- Investigation of the Putative role of BON Domain-Containing Proteins on Biofilm Resistance in <i>Pseudomonas aeruginosa</i> Şeymanur Çobanoğlu, Ayşenur Yazıcı	
8	555- Effects of Halophilic PGPR on Salt Stress and Growth Parameters in Tomato Plants Gonul Hayrunisa Sen, Ezgi Alaca Yıldırım, Furkan Orhan, Arzu Gormez*	
Discussion		
Break (14:30 - 15:00)		

Session 3.4 / 13:00 - 14:30		Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	7- Development of Smart Biphasic Colorimetric Packaging "SAFETINT" for the Detection of Chemical Migrants and Food Spoilage Djahida Hadj Merabet*, Ihab Larbi, Abdessamad Zahaf, Mohammed Mezeraï	
2	44- Optimizing Lettuce Cultivars and <i>Agrobacterium</i> Strain Selection for Enhanced Transformation Efficiency Using a CRISPR-Compatible Vector Yüksel Bora Oral*, Gülan Ata, Fatma Akçakale Kaba, Adem Kaba, Nedim Mutlu	
3	50- Balık Hastalıklarına Yanıtta Moleküler Mekanizmalar Naime Filiz Karadaş	
4	80- β -Glucan production from <i>Saccharomyces cerevisiae</i> under submerged fermentation Mehdi Koşaca*, Raziye Öztürk Ürek	
5	81- Production, extraction and characterization of microbial mannoprotein Mehdi Koşaca*, Raziye Öztürk Ürek	
6	102- Gene-level modulation of stress response by karrikin in tomato under heat and drought stress Zeynep Özmen, Pınar Büyük, Havin Doğan, Dilan Yıldız, Zelal Erdoğan, Yasemin Kemeç Hürkan, Kaan Hürkan*	
7	745- Eudragit-Functionalised PLGA Nanoparticles Encapsulating Juglone-Cu Complexes as a Promising Delivery System Against <i>Helicobacter pylori</i> Bükre Kıran Üner*, Emrah Şefik Abamor, Serap Acar, Murat Topuzoğulları, Kübra Karadaş, Tural Safarov, Seçil Kaya, Zişan Toprak	
8	863- Medicinal Mushrooms as Emerging Natural Adjuncts in Cancer Therapy Emre Cem Eraslan*	
Discussion		
Break (14:30 - 15:00)		

Session 3.5 / 13:00 - 14:30		Session Chair : Prof. Dr. Medeni Aykut
1	193- <i>Deronectes hakkariensis</i> Wewalka, 1989b türünün (Coleoptera, Dytiscidae, Hydroporinae) dışisinin ilk tanımı, Elâzığ, Türkiye Medeni Aykut*, Sadreddin Tusun	
2	230- Mardin ili Diplura (Hexapod) faunasını için yeni kayıt Sadreddin Tusun, Medeni Aykut*	
3	488- Düzce Üniversitesi Konuralp Yerleşkesindeki Yaban Arısı Çeşitliliği ve Polinasyona Etkileri Üzerine Araştırmalar Tamasi Olajide Fadare, Barış Gülcü*	
4	584- A new distribution area of the endemic <i>Trigonella coerulescens</i> subsp. <i>ayvalikensis</i> (Fabaceae) in Türkiye Dilek Oskay	
5	302- Determining the recent status of non-native marine fish species in the Aegean coast of Türkiye Ferhat Yalgın*	
6	542- A Bibliometric Analyse of Scientific Studies on the Invasive Species <i>Lepomis gibbosus</i> " Ufuk Gürkan Yıldırım	
7	862- Bioacoustic Differentiation of Advertisement Calls between the cf. <i>Bedriagae</i> Water Frog Lineage (Genus: <i>Pelophylax</i>) in Central Anatolia and the Cilician Water Frog Lineage in the Çukurova Plain in Türkiye Mehmet Bera Demirkan*, Ulaş Birdal, Çiğdem Akın Pekşen	
Discussion		
Break (14:30 - 15:00)		

ORAL PRESENTATIONS			
17 December 2025		SESSION 4	Time 15:00 - 16:30
Session 4.1 / 15:00 - 16:30		Session Chair : Assoc. Prof. Dr. Hatice Gamze Soğukömeroğulları	
1	226- Synthesis and characterization of Schiff base and 1,10-phenanthroline derived mixed-ligand Cu(II) and Fe(II) complexes Hatice Gamze Sogukomerogullari*, Ahmet Oral Sarioğlu		
2	227- Synthesis and characterization of mixed-ligand Fe(II) and Cu(II) complexes derived from flor substitute Schiff base and 1,10-phenanthroline Hatice Gamze Sogukomerogullari*, Ahmet Oral Sarioğlu		
3	266- Cyclotriphosphazene derivatives containing carbazole units and the investigation of their photophysical properties Duygu Palabıyık*, Ceylan Mutlu Balcı, Süreyya Oğuz Tümay, İbrahim F. Şengül, Serap Beşli		
4	442- Antidiabetic Enzyme Inhibition and Kinetic Behavior of Water-Soluble Morpholine-Functionalized Axially Disubstituted Silicon Phthalocyanines Turgut Keleş*, Zekeriya Biyiklioğlu, Gökçe Seyhan, Burak Barut		
5	525- Synthesis, Structural Characterization and Computational ADME Analysis of a New Triazole-Based Cu(II) Coordination Compound Tolga Göktürk*		
6	865- Fe (III)'ün sulu ortamda tespiti için rodamin-B bazlı optik sensör Neşe Taşci		
7	888- Development of a biosensor for ethoprophos determination Ezgi Adak*, Halit Arslan		
8	901- Eco-friendly synthesis of zinc oxide nanoparticles using pomegranate peel extract : characterization and photocatalytic degradation of diclofenac Yossra Ounis Dkhil*, Tim Peppel, Ammar Houas		
Discussion			

Session 4.2 / 15:00 - 16:45		Session Chair : Assist. Prof. Dr. Simge Kara Ertekin	
1	75- Evaluation of the cytotoxic effects of hydroxy methyl butyrate (HMB) used as an ergogenic aid S. Kara-Ertekin*		
2	721- Syringic acid mitigates chlorpyrifos-induced oxidative stress and DNA damage in HEK293 cells Adem Güner		
3	722- Neuroprotective effect of vanillic acid against paraquat-induced oxidative and cholinergic dysfunction Adem Güner		
4	830- Antigenotoxic potential of two Sideritis species against EMS-induced DNA damage in Drosophila melanogaster Neva Çelik, Deniz Altun Çolak		
5	602- Assessment of pregabalin misuse: a prospective and analytical study Mohamed Habib Belmahi, Sabah Benboudiaf, Louiza Boudraa, Kenza Boudemagh		
6	899- Use of metal-organic frameworks in enzyme immobilization Elif Toku*, Özlem Alptekin		
7	902- Current and emerging biomarkers in nephrotic syndrome Elif Toku*, Büşra Uçar, Özlem Alptekin		
8	908- Ultrastructural analysis of the midgut epithelium of <i>Lithobius forficatus</i> (Myriapoda, Chilopoda) exposed to different concentrations of nanostyrene Agata Aleksa*, Magdalena Rost-Roszkowska, Łukasz Chajec		
9	452- Investigation of the protective potential of boric acid against the genotoxic effects induced by aspartame Derya Binay*, Fatma Ünal, Ece Akbaş, Deniz Yüzbaşıoğlu		
Discussion			

Session 4.3 / 15:00 - 16:30		Session Chair : Prof. Dr. Nurdan Tuna Gunes
1	729- Applications of Entomopathogens in Agricultural Pest Control And A Case Study of <i>Halyomorpha halys</i> (Brown Marmorated Stink Bug) Emek Aslan*	
2	746- Effects of Exogenous Glucose on Leaf Color and Biochemical–Antioxidant Properties of Two Purple Basil (<i>Ocimum basilicum</i> L.) Cultivars Sercan Önder*, Murat Mutlucan	
3	800- The effect of 1-methylcyclopropane treatment on phenolic compounds in ‘Ekmek’ quince fruit Nurdan Tuna Gunes*	
4	801- Preharvest salicylic acid treatments can improve fruit quality in ‘0900 Ziraat’ cherry fruit Nurdan Tuna Gunes*, Özge Horzum	
5	180- Fumigant toxicity of <i>Clinopodium serpyllifolium</i> subsp. <i>serpyllifolium</i> essential oil against different larval stages of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae) Duygu Bekircan Eski*, Cihan Darcan, Ardahan Eski	
6	306- Detection of Nutrient Deficiencies in <i>Arabidopsis thaliana</i> Using Deep Learning Techniques for Smart Farming Caner Soylukan, Hüseyin Dogan Türk, Zehra Ceyhan, Zainab Imtiaz, Ravzanur Yazıcıoğlu Başaran, Gülnur Şener, Nihal Öztolan Erol, Meral Yüce, Yunus Sarıkaya, Hasan Kurt*	
7	395- Investigation of Insecticidal Effects of Some Plant Seed Oils on Adults of <i>Acanthoscelides obtectus</i> (Say, 1831) (Coleoptera: Chrysomelidae) Hatice Öksüm*, Ebru Gül Aslan	
8	848- Cytokines as biological pesticides in combating pest insects Eyüp Ayar* , Cihat Çelik	
Discussion		

Session 4.4 / 15:00 - 16:45		Session Chair : Assist. Prof. Dr. Serhad Tilki
1	301- UV ve Filtrasyon Tabanlı Balast Suyu Arıtım Sistemlerinin Saha Performansı Üzerine Bir Değerlendirme Ülkü Demirci	
2	375- Biochar-Assisted Removal of Anionic Textile Dyes From Model Waste Water Duygu Ova Özcan*	
3	96- Advanced Polymeric Adsorbents for the Treatment of Arsenic- and Selenium-Contaminated Wastewater Serhad Tilki*	
4	678- <i>Lilium akkussianum</i> and Conservation Priorities for Turkey's Endemic <i>Lilium</i> Species: Habitat Requirements and Threat Analysis Hakan Yılmaz	
5	683- The Effects of Microplastics on Soil and Plant Ecophysiology: Current Findings on Pollutant Transfer from Source to Plant Hakan Yılmaz*, Burcu Demirel Yılmaz	
6	588- Removal of Micropollutants from Water and Wastewater by Granular Activated Carbon Gökçin Gül*, Başak Kılıç, Ferhan Çeçen	
7	852- Novel water-soluble zn-phthalocyanine complexes enhance foliar zinc bioavailability and concentration-dependent redox homeostasis in cucumis sativus under zinc deficiency Dilek Ünlüer Birinci, Hüseyin Baş, Zekeriya Bıyıklıoğlu, Asım Kadioğlu	
8	854- Structure-based docking analysis of potential insect growth regulator ligands against the ecr/usp complex Abdurrahman Atalay*, Dilek Ünlüer Birinci, Şeymanur Erden, Asım Kadioğlu	
9	889- Effects of Different Nitrogen Sources and Potassium Doses on Plant Growth and Some Quality Characteristics in Lettuce Adnan UĞUR, Andaç Kutay SAKA	
Discussion		

Session 4.5 / 15:00 - 16:30		Session Chair : Prof. Dr. Gülçin Alp Avcı
1	593- Farklı Coğrafi Kökenli Sarımsak ve Kabuklarının Kimyasal Parmak İzi Analizi: FTIR-2D-COS ve HPLC-DAD ile Bütünleşik Bir Yaklaşım Özge Tokul-Ölmez*	
2	776- Evaluation of the Effect of Postbiotics on Common Food Pathogens Gülçin Alp Avcı*, Emre Avcı	
3	782- Microbial Content, Antioxidant Activity, and Volatile Aroma Compounds Profile of Boza, a Fermented Cereal Beverage Nilgün Özdemir*	
4	175- Assessment of Calibration Techniques for the Determination of Cadmium at Different Levels in Sage and Rosehip Tea Samples by Flame Atomic Absorption Spectrometry Selin Tuana Aydın, Hakan Serbest*	
5	279- Zeytinyağında probiyotik mikroorganizma (<i>Saccharomyces boulardii</i>) canlılığı ve yağ kalitesi üzerine etkileri Alper Aydın, Başar Uymaz Tezel, Mustafa Öğütçü*	
6	379- The Effect of Vacuum PA/PE Packaging on Certain Quality Characteristics During the Ripening Process in Classical White Cheese Production Ahmet Aytaç Yıldız*, Fatma Çolakoğlu	
7	587- Green Protein Extraction from Hazelnut Meal Using Deep Eutectic Solvents Şükriye Çiçek Kaya*, Esra Kibar Balballı, Gulsah Karabulut	
8	285- Yeast microflora of milk kefir beverages fermented with various grains Bilal Agirman*	
Discussion		

POSTER PRESENTATIONS 1		17 December 2025
POSTER SESSION 1.1		Time 12:30 – 13:30
1	43- From waste to nanofibers: pullulan-assisted electrospinning of keratin Havva Baskan-Bayrak	
2	101- Carbon dots synthesized using eutectic solvents and tangerine peels as a sustainable carbon source Fatma Bal*, N. Didem Kahya	
3	106- Evaluating the relationship between chronological age and ATR-FTIR spectral ratios in Thai dental samples Pohnnapha Khakradook, Giatgong Konguthaithip, Tawachai Monum, Yutti Amornlertwatana, Churdsak Jaikang*	
4	186- Development and characterization of carbon-based flexible electrodes for electrochemical technology applications Kaan Umut Yıldırım, Erhan Şükrü Cengiz, Ali Rıza Özkaya*	
5	205- Electrochemical characterization of PSDA/AuNP composite thin films Azra Huner	
6	206- Characterization and optical properties of polyselenophene–copper oxide thin films Azra Huner*	
7	251- Synthesis of methylsulfonylmethane-doped hydroxyapatite for drug delivery Tuğçe Küçükali*, Dilek Bilgiç Alkaya, Serap Ayaz Seyhan, Serap Karaderi, Sümeyye Cesur Satıcı, Oğuzhan Gündüz	
8	307- [Zn(Hssal)(o-bix)]_n kompleksinin sentezi ve X-ışını tek kristal çalışması Ahmed Jamal Abbas Haji*, Figen Arslan Biçer, Ceren Koşansu, Okan Zafer Yeşilel	
9	308- {[Cd(DTPA)(bpy)]H₂O}_n kompleksinin sentezi ve X-ışını tek kristal çalışması Maryam Jamal Abbas Haji*, Figen Arslan Biçer, Ceren Koşansu, Okan Zafer Yeşilel	
Discussion		

POSTER PRESENTATIONS 1		17 December 2025
POSTER SESSION 1.2		Time 14:00 – 15:00
1	73- From resistance profiles to novel therapies: a systems approach to combat <i>Pseudomonas aeruginosa</i> İrem Erguven*, Mehmet Mucahit Guncu, Kazim Yalcin Arga, Mehmet Burak Aksu, Ceyda Kula	
2	159- Evaluation of the in vitro genotoxicity of potassium acetate using single-cell gel electrophoresis Merve Yıldız*, Deniz Yüzbaşıoğlu, Fatma Ünal	
3	200- Van Gölü alkalifilik fungusları üzerine ön çalışma Nilgün Poyraz*, Suat Sezen	
4	228- The importance of sampling in the statistical study of STR markers Ela Zaimi, Merita Xhetani	
5	261- Identification of candidate genes associated with cold tolerance in Sitka spruce (<i>Picea sitchensis</i>) Tuğçe Önbaş, Katherine Steele	
6	283- Comparative analysis of EPS biosynthesis-related genes expression in <i>Ligilactobacillus salivarius</i> KC27L and <i>Limosilactobacillus reuteri</i> KC21L Ayşegül Aybuke Bayburt, Zehranur Yüksekdağ*, Berat Çınar Acar	
7	317- The effect of orlistat on nitric oxide levels in LPS+IFN-γ-stimulated RAW 264.7 macrophage cells Büşra Altay*, Aslı Koç	
8	453- Literature-based analysis of cytotoxic and genotoxic effects of microplastic exposure Derya Binay*, Fatma Ünal, Deniz Yüzbaşıoğlu	
9	536- Cloning and expression of the <i>Ananas comosus</i> bromelain gene in <i>Escherichia coli</i> Burcu Arıkan*, Çağla Akman, Ezgi Nur Çatı	
10	547- In silico screening and selection of the optimal asparaginase gene for cloning from <i>Tetrahymena thermophila</i> İrem Zafnaki*, Nurçin Küçükoğlu*, Handan Açelya Kapkaç*	
Discussion		

ORAL PRESENTATIONS			
18 December 2025		SESSION 5	Time 09:00 - 10:30
Session 5.1 / 09:00 - 10:30		Session Chair : Prof. Dr. Sevgi Maraklı	
1	87- Characterization and Enzyme Kinetic Study of Serine Protease Subtilisin Carlsberg Immobilized on Biochar-Chitosan Composite Carrier Obtained from Waste Biomass Ahmet Eser*		
2	92- Preparation and antibacterial activity of Ag ₂ O nanoparticles from <i>Cedrus libani</i> Baran Karaduman*, Alican Bahadır Semerci, Keziban Atacan		
3	202- Determination of Total Phenolic, Flavonoid Content, and Antioxidant Activity of Rose of Jericho (<i>Anastatica hierochuntica</i>) Ece Aydin*, Sevgi Maraklı		
4	210- Dysregulated Lipid Metabolism in Colon Tissue: The Impact of SCD and ACSL1 on Tumor Progression Tugba Agbektas*, Husnu Cagri Genc, Yavuz Silig		
5	212- Exosomes as extracellular vesicles: Clinical and experimental perspectives Damla Terzi*, Gül Fatma Yarım, Murat Yarım		
6	215- Nörodejenerasyonda laktoferrinin koruyucu rolü: Klinik ve deneysel perspektifler Ezel Hür Doğan Acar*, Gül Fatma Yarım, Murat Yarım		
7	553- Fenolik bileşiklerin tayini için polifenol oksidaz temelli biyosensör tasarlanması Onur Can Bodur*, Şaban Keskin, Fatma Arslan		
8	818- Investigation of Cytotoxic and Anti-Angiogenic Effects of Apigenin in Breast Cancer Cell Line Berat Beyza Gücüyetmez, Münevver Baran		
Discussion			
Break (10:30 - 11:00)			
Session 5.2 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Yasemin Cakir	
1	427- Melanomda beyin metastazı gelişiminde rol oynayan moleküler mekanizmalar Yasemin Çakır*		
2	471- AI-Assisted Laboratory-Based Severity Index for Chronic Spontaneous Urticaria Using Eosinophil Count, Basophil Count, and Vitamin D Eralda Lekli*		
3	797- Neuroinflammation in Chronic Urticaria: A Bibliometric Analysis of Global Research Output Eralda Lekli*, Mehmet Hoxha		
4	534- The Influence Of Self-Prepared Foot Care Product On Foot Microbiome Katarzyna Duda-Grychtoł*, Julia Kościółek		
5	559- KBRN Bilgi Düzeyinin Artırılmasında Animasyon Teknolojisinin Kullanımı ve Etkisinin İncelenmesi; Niğde Ömer Halisdemir Üniversitesi Tıp ve Hemşirelik Bölümü Lisans Öğrencileri Örneği Mehmet Emre Kara, Sefa Ertürk		
6	620- Investigation of the Relationship Between Physical Activity Level and Body Awareness in Ambulance Drivers Latife Tosun, Halil Hakan Uysal		
7	735- Dose-dependent cytotoxic effect of Carbidopa on U-87 MG human glioblastoma cells Burak Bircan*		
8	742- The effect of administration of carbidopa on cell viability in human ovarian cancer and colon cancer cell lines Ayşe Aslan, Mehmet Refik Bahar*, Suat Tekin		
Discussion			
Break (10:30 - 11:00)			

Session 5.3 / 09:00 - 10:30		Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	489- Deep eutectic solvent-assisted extraction of <i>Viburnum opulus</i> fruit and evaluation of its biological potentials Ege Akcay, Zual Gunay, Aysegul Inam, Murat Elibol*	
2	100- Development of Polyvinyl Alcohol Based Bioactive Cosmetic Masks İdil Can, Yusuf Sıcak, Pınar Terzioğlu*	
3	167- Investigation of the mechanical and antioxidant properties of bioactive wound dressings containing grape seed oil Hayrunnisa Kaya, Pınar Terzioğlu, Yusuf Sıcak, Rasim Alper Oral	
4	240- Odyolojik Veriler Kullanılarak Makine Öğrenmesi ile İşitme Cihazlarında Hoparlör Tipinin Tahmini: Ransom Forest Yaklaşımı Berk Baytaroglu*, Mehmet Burçin Pişkin, Handan Tanyıldızı Kokkulunk	
5	324- <i>Cistus laurifolius</i> L. (Karağan) Bitki Ekstraktının Kolon Kanseri Hücre Hattında (HCT 116) Anti Kanser Etkilerinin İncelenmesi Meral Yıldız*, İlhami Gök, Ramazan Demirel	
6	372- Evaluating the potential of royal jelly as a tyrosinase inhibitor Sertan Genc*, Aslihan Kazan	
7	408- The Effect of Schiff Base-Derived 4,5-Dihydro-1H-1,2,4-Triazol-5-One Compound on Serum Protein Expression and Lipid Profile in Wistar Albino Rats Cansu Beytur*, Evren Koç	
8	2- Pomegranate peel extract: antioxidant activity and potential effects on cardiovascular health Deniz Duru Dervis*	
Discussion		
Break (10:30 - 11:00)		

Session 5.4 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Deniz Aşlar Öner
1	163- COVID-19'da IL6 ve TMPRSS11A Polimorfizmlerinin Genotip Kombinasyonları ile Hastalık Şiddeti Arasındaki Bağlantı Nilgün Çekin	
2	195- Identification of Novel miRNAs in Tobacco (<i>Nicotiana tabacum</i> L.) Targeting Black Shank and Powdery Mildew Genome Cihan Kucukyilmaz*, Sevgi Marakli	
3	203- DPP4 (CD26) geninin akut myeloid lösemi patogeneizindeki rolünün değerlendirilmesi Deniz Aşlar Öner	
4	303- STAT4 genindeki missense varyantların romatoid artrit üzerine olası etkilerinin biyoinformatik analizi Deniz Aşlar Öner	
5	367- Investigation of the Genotoxicological Potential of Desipramine, an Active Substance Used in Antidepressant Drugs, by in vitro Test Methods Busenaz Tuncay*, Ece Avuloğlu-Yılmaz, Ayşen Yağmur Burgazlı, Fatma Okuş, Fatma Ünal, Deniz Yüzbaşıoğlu	
6	397- Impair DNA Methyltransferases Gene DNMT1 Level and Alternated Immune Agents in Systemic Lupus Erythematosus of Iraqi Patients Atheer Ahmed	
7	792- Investigation of Genetic Diversity in Barley (<i>Hordeum vulgare</i> L.) Varieties Grown in Türkiye Using ISSR Molecular Markers Beyza Aksoy, Funda Küyük, Sibel Kerem Karademir, Özlem Özbek*	
8	866-Design of an Assay for Detecting Ehlers-Danlos Syndrome in Bengal Cats via Enzymatic Digestion Mehmet Cevat Temizkan	
Discussion		
Break (10:30 - 11:00)		

Session 5.5 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Derya Çetintürk
1	182- Protective Effects of <i>Aloe vera</i> Gel Extract Against Cytotoxic, Genotoxic, and Physiological Damage Induced by Nitric Acid in <i>Allium cepa</i> Cells Aytül Uzun Akgeyik*	
2	237- First complete mitochondrial DNA data provided for Turkish hamster (<i>Mesocricetus brandti</i> Nehring 1898) Derya Çetintürk*, Nuri Yiğit	
3	250- Cytotoxic and anti-inflammatory potential of 2-cyclopenten-1-one against malign melanoma Feyza Kostak*, Burak Kasikci, Sinem Guzel, Kubra Ece Coskuner, Sultan Celik, Suray Pehlivanoglu	
4	348- Synergistic Mechanism of Graphene Oxide-Composite Silver Nanoparticles Combined with Gemcitabine in Pancreatic Cancer Hacer Çalkap*, Emine Nedime Korucu	
5	368- Chronic Inflammation Response in Acute Myeloid Leukemia (AML) Öznur Coşkun, Meltem Bay, Nevin Belder, Cansu Özdemir	
6	417- Comparative Analysis of the Effects of Stable and Classical Vitamin C Forms (L-Ascorbic Acid and 3-O-Ethyl Ascorbic Acid) on Antioxidant Activity, Cell Viability, and Clonogenic Capacity in Skin Cells İpek Zeynep Durusu*, Aliye Ezgi Güleç Taşkıran	
7	419- Val-Trp dipeptidinin MCF-7 meme kanseri hücreleri üzerindeki sitotoksik etkisinin araştırılması Gizem Akman*	
8	455- Evaluation of Cytotoxic Effects of Capecitabine and Epigallocatechin Gallate Combination on a Human Breast Cancer Cell Line Sude Nur Afacan*, Ayşegül Erdemir	
Discussion		
Break (10:30 - 11:00)		

ORAL PRESENTATIONS			
18 December 2025		SESSION 6	Time 11:00 - 12:30
Session 6.1 /11:00 - 12:30		Session Chair : Assist. Prof. Dr. İlker Acar	
1	66- Development of a Novel Polymeric Membrane for Cationic Dye Adsorption Esra Feyzioğlu Demir*, Nevra Öztürk Atay*		
2	236- Eco-Friendly Synthesis and Photocatalytic Applications of Zinc Oxide Nanoparticles (ZnO-NPs) Using Extract Derived from Agro-Waste Hawthorn (<i>Crataegus monogyna</i>) Özlem Yılmaz Algül*, Ebru Kocadağ Kocazorbaz		
3	583- Kenevir-beton yalıtımlarının kuruma hızı ve etkin nem difüzyon katsayılarının tahmini F. Nihal Tüzün		
4	527- Hexavalent chromium removal using modified zeolites İlker Acar*		
5	241- Optimization of Heavy Metal (As, Cd, and Hg) Adsorption Performance of Green-Synthesized TiO₂-Fe₃O₄ Nanocomposite Using <i>Aloe vera</i> Extract via Taguchi Method Emrah Akgeyik		
6	272- Chitosan-Coated HKN-COF as a Sustainable Adsorbent for Efficient Removal of PFOA from Water Shaikha S. Alneyadi*, Hamda A. Almarar, Khulood K. Almarri, Hamad K. Alblooshi, Muneb R. Mukhtar		
7	539- Phytoremediation-Oriented Evaluation of Nickel Stress Responses in <i>Anubias nana</i> Engl. Grown in Aquatic Systems Bedriye Nazlı Erkencioğlu*, Aslı Hocaoglu-Özyiğit, Hülya Yazıcıoğlu, İbrahim Ertuğrul Yalcin, İbrahim İlker Özyiğit		
Discussion			
Break (12:30 - 13:00)			

Session 6.2 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Hakan Serbest	
1	108- Synthesis and investigation of ternary nanocomposite fibers Mesut Yalçın*		
2	351- Copper Oxide Nanoparticles Synthesized in a Deep Eutectic Solvent for Efficient Metronidazole Adsorption Özge Demir*		
3	446- A Rapid and Eco-friendly Route for the Synthesis of Mono- and Bimetallic Nanoparticles Assiata Binty Issa Ben Said, Gamze Tan*		
4	581- Comparative development and antibiofilm evaluation of nanoemulgels containing linseed, borage, and pumpkin seed oils Tutku Nur Alnıaçık, Ebru Altuntaş*, Mayram Hacıoğlu		
5	624- Farklı Esansiyel Yağlar İçeren PLA Temelli Yara Örtülerinin Üretimi ve Mekanik Özelliklerinin İncelenmesi Yunus Emre Canavar*, Sevim Alışır		
6	677- Optimization of Malachite Green Photodegradation Using Quantum Dots via Response Surface Methodology Zehra Gunaydin*, Pınar Sevim Elibol		
7	700- Development of Nanoparticle based Approaches for The Conservation of Some Paper Artifacts Hakan Serbest*		
8	304- Towards Chemical Contaminants Detection in Pepper and Cucumber: Reporting SERS Sensing by A Novel Gold Nanotriangle Metal-Insulator-Metal Array Fahd Khalid-Salako, Sümeysra Vural Kaymaz, Hasan Kurt, Meral Yüce*		
Discussion			
Break (12:30 - 13:00)			

Session 6.3 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Kevser Betül Ceylan
1	429- <i>Cucurbita pepo</i> 'da biyotik stresle ilişkili mikroRNA'ların tanımlanması ve fonksiyonel karakterizasyonu Mert Özkuluz*, Semiha Erişen, Sevgi Maraklı	
2	617- A Bioinformatics-Based Approach for Evaluating Drug-Likeness and Docking Potential of <i>Crocus sativus</i> Metabolites Hilal Büşra Tokgöz, Filiz Altan*	
3	621- Decoding the ALMT Gene Family in <i>Helianthus annuus</i> : Evolutionary Patterns, Structural Features, and Stress-Responsive Functional Potential Hooman Savehdarbandsari, Döndü Aliye Yıldız, Kevser Betül Ceylan*	
4	623- Biyokontrol Ajanlarının Etkisi Altındaki <i>Fusarium spp.</i> 'de Transkriptomik İncelemeler Beyzanur Orhan*, Tuna Birgün, Emre Yörük	
5	727- In Silico Evaluation of Potential Inhibitors Against <i>Moraxella catarrhalis</i> 3-oxoacyl-[acyl-carrier-protein] reductase (FabG) Sinem Kocer*	
6	755- Identification of SNPs from RNA-seq data in tolerant soybean mutants Tamer Gümüş*, Alper Yılmaz, Alp Ayan, Sinan Meriç, Çimen Atak	
7	909- Enhancement Of Diagnostic Power Of miR-126-3p And Inflammatory Clinical Markers In COPD With Random Forest Machine Learning Sumeyye Yildirim*, Nevin Karakus	
Discussion		
Break (12:30 - 13:00)		

Session 6.4 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Seda Hoşgün
1	104- Computational Insights into the Antioxidant and Anticancer Mechanisms of Apigenin Aslı Öztürk Kiraz*	
2	604- Potansiyel Bir Hidrojen Depolama İyonik Sıvısı Olarak Guanidinyum Oktahidrotriboratin Yapısal ve Elektronik Özelliklerinin Hesapsal Karakterizasyonu Ayşe Demirkıran*, Armağan Kınal	
3	778- Computational study on the molecular, electronic, and spectroscopic properties of 3-ethyl-4-[3-methoxy-2-(4-methoxybenzoyloxy)-benzylideneamino]-4,5-dihydro-1H-1,2,4-triazol-5-one Songül Ulufer Bulut	
4	803- Rize-Sourced Hazelnut Shell Ash as a Green Corrosion Inhibitor for Fe Metal in 1 wt.% NaCl: Electrochemical Evaluation and Mechanistic Insights Turan Yanardağ*, Bedia Semra Taşcı, Müşerref Önal, Işıl Deniz Ulusoy, Müşerref Kiriş, Nilseli Öztürk	
5	685- Newly developed bio-oil-interacted cellulose acetate micro-structured composite adsorbent for efficient dye removal Bülent Buyukkidan, Huseyin Gumus*, Sedat Comez, Alaa Zaaroura	
6	687- Dye removal efficiency of bio-oil reinforced flat-sheet cellulose acetate composites as potential membrane materials Bülent Buyukkidan*, Huseyin Gumus*, Sedat Comez	
7	693- Biochar production from spent coffee grounds by hydrothermal carbonization as a catalyst support material for hydrogen production by methanolysis of sodium borohydride Asuman Kalkan, Akın Sürücü, Seda Hoşgün*	
8	769- Production of biochar from hazelnut shells by hydrothermal carbonization and determination of its effect as a catalyst support in hydrogen production Seda Hoşgün	
Discussion		
Break (12:30 - 13:00)		

Session 6.5 / 11:00 - 12:30		Session Chair : Assoc. Prof. Dr. Ercan Selçuk Ünlü
1	103- <i>Bacillus subtilis</i> offers insights into microbial adaptation under Martian conditions Nedim Emre Gök, Ercan Selçuk Ünlü*	
2	190- QTL analysis in plum (<i>Prunus spp.</i>) Ödül Efsane Ayçiçek*, Hayat Topçu, Behiye Banu Bilgen	
3	191- Abiotic stress factors and molecular approaches in grapevine Seçil Ayaz*, Hayat Topçu, Behiye Banu Bilgen	
4	660- <i>Chenopodium quinoa</i> ekstraktları ile kitosan nanopartiküllerinin biyosentezi ve karakterizasyonu İpek Nur Aygün, Zeliha Leblebici	
5	661- <i>Glycyrrhiza glabra</i> ekstraktları ile kitosan nanopartiküllerinin biyosentezi ve karakterizasyonu Rabiye Sema Uğur, Zeliha Leblebici	
6	706- Effects of heat treatment on gga-miR-30c-5p, gga-miR-191-5p, and gga-miR-215-5p in poultry eggs Gülendam Yıldız, Sena Öztürk, Fatih Atilla Bağcı, Dilek Pirim, Özden Çobanoğlu*	
7	708- RNA Isolation from Three-Dimensional Saos-2 Cultures in a Collagen/Keratin/Alginate Hydrogel Rümeysa Işıl Özdemir*, Aliye Ezgi Güleç Taşkiran, Özge Erdemli	
8	743- Synthesis of Eudragit RS100-coated Juglone-Ag encapsulated PLGA nanoparticles for the treatment of <i>Helicobacter pylori</i> Tural Safarov*, Emrah Şefik Abamor, Serap Acar, Murat Topuzoğulları, Bükre Kıran Üner, Kübra Karadaş, Seçil Kaya, Zişan Toprak	
Discussion		
Break (12:30 - 13:00)		

ORAL PRESENTATIONS			
18 December 2025		SESSION 7	Time 13:00 - 14:30
Session 7.1 /13:00 - 14:30		Session Chair : Assist. Prof. Dr. Necdet Karakoyun	
1	71- Investigation of photosensitizer properties of zinc phthalocyanines in photodynamic therapy by photophysicochemical properties Halise Yalazan		
2	119- Synthesis, characterization and investigation of aggregation properties of non-peripheral octa-substituted Nickel(II), Zinc(II) Copper(II) phthalocyanines Hüseyin Baş, Zekeriya Biyiklioğlu		
3	603- Visible-Light-Induced Degradation of Reactive Orange 16 Using IRMOF-3: A Solar Photocatalysis Approach Elif Özcan*		
4	635- Antibacterial hydrogels containing a Cu(II) hydrazone complex: Synthesis, characterization, and in vitro activity Neslihan Özlü*, Aysin Zulfikaroglu, Emine Celikoglu, Aslı Beyler Çiğil		
5	785- Mixed-ligand Thiosemicarbazone Ni(II) Complex with 2,6-dimethylpyridine: Characterization and Cytotoxicity Studies Elif Avcu Altıparmak*, Güneş Özen Eroğlu, Namık Özdemir, Tülay Bal Demirci		
6	586- Optimization of Sample Dispersion Protocols for High-Resolution Microscopic Analysis of Sol-Gel Synthesized TiO ₂ Quantum Dots Olca SEVERGÜN* Murat ÖZEN		
7	208- Construction of RuCo decorated poly(2-hydroxy methacrylamide) polymer brush grafted magnetic nanoparticles as a heterogeneous catalyst for degradation of some azo dyes Necdet Karakoyun*		
8	713- Catalytic cottonization of hemp fibres at room temperature in the presence of a bimetallic iron oxide catalyst Mustafa Yasin Aslan*, Hatice Nur Kaya		
Discussion			
Break (14:30 - 15:00)			

Session 7.2 / 13:00 - 14:45		Session Chair : Assoc. Prof. Dr. Üzeyir Çağlar
1	313- <i>Capnodis tenebricosa</i> 'nın (Olivier, 1790) (Coleoptera: Buprestidae) biyolojik mücadele ajanı olarak değerlendirilmesi Üzeyir Çağlar*	
2	462- The Use of Biotechnology and Nanotechnology in Parasitology Hakan Tüfek*, Ferhat Şen, Gökçe Üstündağ	
3	470- Effect of post-mating administration of different doses of TAK-683 on luteal function and pregnancy-associated glycoprotein (PAG) levels during early pregnancy in Aleppo goats Gökhan Uyanık*	
4	508- Investigation of toxigenic <i>Bacillus cereus</i> in milk and milk-based desserts Eray Burtaçgıray*, Mehmet Elmalı	
5	680- Investigation of programmed cell death during larval-pupal metamorphosis on the posterior silk gland of the <i>Galleria mellonella</i> Esen Poyraz-Tinartas*	
6	730- Acute effects of bacterial lipopolysaccharide on liver of female rats: Assestment of histopathological changes Duygu Yaman Gram*	
7	741- Kanatlılarda besleme ve DNA metilasyonu: Epigenetik, performans, hayvan sağlığı ve refahı üzerine etkiler Helin Atan Çırpıcı*, Figen Kırkpınar	
8	753- Podmore extract (<i>Apis totale</i>) content analysis and in vivo animal studies Fahri Emrah Soylu*, Banu Yücel	
9	834- Determination of Meat Consumption Preferences by Analytical Hierarchy Process (AHP) Leyla Ataseven*, Savaş Sariözkan	
Discussion		
Break (14:45 - 15:00)		

Session 7.3 / 13:00 - 14:30		Session Chair : Assist. Prof. Dr. Bihter Şahin
1	24- Ferroptosis and Kidney Injury: Therapeutic Perspectives in Diabetic Nephropathy Muhammed Taha Kaya*	
2	25- Cytotoxicity of <i>Origanum majorana</i> Extracts on A549 Cells and Their Radical Scavenging Activity Ayşe Erdoğan*	
3	97- Investigation of the Enzyme Inhibition Effect of Different Turnip Varieties on Antioxidants and Sugar Metabolism Feyza Akgün*, Nuraniye Eruygur	
4	99- Osmanlı döneminden günümüze gül yağı distilasyonu Bekir Yıldırım*	
5	196- <i>Cuscuta epithymum</i> Ekstresinin Fenolik İçeriği ile Biyoaktivitelerinin Belirlenmesi Bihter Şahin*, Yağmur Güney	
6	483- Total phenolic and flavonoid contents and antioxidant potential of <i>Vincetoxicum fuscum</i> subsp. <i>fuscum</i> seeds Sevda Güzel Kara*	
7	495- <i>Melissa officinalis</i> and <i>Thymbra spicata</i> as Phytotherapeutic Agents: An Investigation of Their Antibacterial and Anticancer Activities Melisa Gireksan, Yusuf Ceylan*, Kübra Sena Baş Topçu	
8	393- Chemical characterization and enantiomeric distribution of Bulgarian lavender (<i>Lavandula angustifolia</i> Mill.) cultivars growing in Türkiye İlker Demirbolat*	
Discussion		
Break (14:30 - 15:00)		

Session 7.4 / 13:00 - 14:30		Session Chair : Assoc. Prof. Dr. Mesut Yalçın
1	110- Fabrication of TiO₂/h-BN-CdSe based quantum dot-sensitized solar cells Mesut Yalçın*	
2	326- Catalytic Performances of Silica Gel Supported Monometallic (Co, Nb, Cu) Catalysts in Hydrogen Production via NaBH₄ Methanolysis Ceren Ates*, Sefika Kaya, Hilal Demir Kıvrak	
3	463- Photocatalytic Hydrogen Production from Chitin/Chitosan Supported Molybdenum Disulfide Munevver Tuna Genc*	
4	641- Acidic deep eutectic solvent catalyst for efficient conversion of levulinic acid to n-butyl levulinate fuel bioadditive Kazımcan Çalışkan*, Murat Sert, Emine Sert	
5	828- Synthesis of Porous Carbon Structures from Coal via Molten Salt Activation and HF Acid Treatment for Hydrogen Storage Volkan KARA*, Atakan TOPRAK	
6	198- The role of biology in promoting education for sustainable development in upper secondary education Sara Pupe	
7	199- Learning through analysis in education: using data to improve student learning Sara Pupe	
8	523- Pandemi dönemi ile birlikte beslenme ve sağlık dersinin yeniden yapılandırılması: içerik, pedagoji ve dijital dönüşüm açılarından nitel bir analiz Hüseyin Hakan İnce*	
Discussion		
Break (14:30 - 15:00)		

Session 7.5 / 13:00 - 14:30		Session Chair : Assoc. Prof. Dr. Selami Ercan
1	477- <i>Thymus canoviridis</i> bitkisinin bazı ekstraktlarının HMGR enzimi inhibisyonuna etkilerinin moleküler yerleştirme metodu ile incelenmesi Selami Ercan*	
2	589- Machine learning-driven identification of allosteric networks for the rational design of shark-derived single-domain antibodies Arzu Uyar*	
3	655- Çeşitli metallerle dekore edilmiş alüminyum katkılı altıgen bor nitrür nano levhaların hidrojen depolama özelliklerinin hesaplamalı incelenmesi Berna Taclı*, Armağan Kınal	
4	701- <i>Broussonetia papyrifera</i> 'dan yeni tanımlanan 1,3-difenilpropanların asetilkolinesteraz enzimi üzerindeki inhibitör etkilerinin in silico olarak incelenmesi Sait Sarı*	
5	213-Predicting Polymer-Drug Compatibility for Queuine and Gemcitabine via Molecular Simulations Mohamed Amjad Alhamwi, and Nigar Kantarcı Çarşıbaşı	
6	903- Production Of Natural Fiber-Reinforced Epoxy Biocomposites In Different Woven and Single-Hybrid Forms And Analysis Of Their Inner Structure Mert Emre Kalaoğlu*, Ali Gökşenli	
7	912- Alüminyum Fosfit Zehirlenmesinde Klinik Yaklaşımlar ve Gelecek Perspektifleri Gökçe Durmuş*, Tülay ÇOBAN	
Discussion		
Break (14:30 - 15:00)		

ORAL PRESENTATIONS		
18 December 2025	SESSION 8	Time 15:00 - 16:30
Session 8.1 /15:00 - 16:45		Session Chair : Assoc. Prof. Dr. Hayrettin Eroğlu
1	280- Experimental and Theoretical Investigations of Semi-Lethal Dose (D50) Values for Bacterial Population Mürsel Şen*	
2	725- Membrane Cholesterol Modulation Alters P2X7-Mediated Membrane Currents But Not Cytoskeletal Reorganization in Macrophages Şerife Cankurtaran-Sayar*, Yusuf Olğar, Kemal Sayar	
3	52- Development of a MIP-Modified Electrochemical Sensor for Urea Detection through EIS Nihal Ermiş*	
4	177- Effect of St. John’s Wort and Coconut Oil Blends on the Structural and Thermal Properties of Protein-Based Films for Potential Biomedical Applications Mehlika Karamanlioğlu*	
5	286- Identification of Foot-and-Mouth Disease Virus Antigenic Peptide via SERS Gamze Demirel Şahin*, Furkan Şahin, Mustafa Serdar Onses, Serap Acar	
6	847- Effect of tinkal added cement on neutron rays absorption capacity Hayrettin Eroğlu*, İhsan İş, Mahmut Engin Kocadağistan, Ali Gürol	
7	430- Determination of the effect of tinkal-added cement on gamma ray absorption Hayrettin Eroğlu*, İhsan İş, Mahmut Engin Kocadağistan, Ali Gürol	
8	835- An in-silico platform for predicting magnetic resonance imaging (MRI) contrast properties of diamagnetic chemical exchange saturation transfer (DIACEST) agents Alperen Can Esen*, Yelda Ozsunar, Mehmet Bilgen	
Discussion		

Session 8.2 / 15:00 - 16:30		Session Chair : Assoc. Prof. Dr. Fatih Durmaz
1	3- Volatile Composition of <i>Lathyrus laxiflorus</i> subsp. <i>laxiflorus</i> by GC-MS/FID Analysis Nevin Ulaş Çolak*, İrem Kurt, Ahmet Yaşar, Kamil Coşkunçelebi	
2	4- Determination of resveratrol in fresh and heat-treated pomace <i>Vitis labrusca</i> by RP-HPLC Nevin Ulaş Çolak*, Merve Badem, Şeyda Kanbolat	
3	9- Electrochemical Determination of Glyphosate: Molecular Imprinting Approach in the Presence of Nanomaterials Sezen İrem Aslaner*, Ayça Demirel Özel	
4	162- Supercritical Extraction of Clove (<i>Syzygium aromaticum</i>) and Investigation of Essential Oil Components by GC-MS Fatih Durmaz*	
5	169- Kinetic, Thermodynamic and Isothermal Study of Mechanically Activated Seashells at Different Durations Mervener Genç, Aybüke Şirin, Seda Karayünlü Bozbaş	
6	232- Innovative Use of Hydroxyapatite-Based Structures in Bone Tissue Regeneration Tuğçe Küçükali, Dilek Bilgiç Alkaya, Serap Ayaz Seyhan	
7	325- AgNP Synthesis Using Supercritical CO ₂ Extract of <i>Lilium ciliatum</i> Leaves Gönül Serdar*, Melek Koç Keşir, Fatma Tunalı, Salih Terzioğlu	
8	405- Sustainable Gold Nanoparticle Fabrication From <i>Corylus maxima</i> Leaves Via Microwave-Assisted Extraction Gönül Serdar*, Vildan Serdaroğlu, Tuğba Mazlum Şen, Salih Terzioğlu, Bedri Serdar	
Discussion		

Session 8.3 / 15:00 - 16:30	Session Chair : Assoc. Prof. Dr. Adnan Aldemir
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1	93- Analytical Determination of the Active Pharmaceutical Ingredient Propranolol Ekmen Can*, Aydınoğlu Marinelli Sabriye
2	637- KBRN Olaylarında Afet Yönetimi ve Müdahale Koordinasyonu: Disiplinlerarası Yaklaşımlar ve Güncel Uygulamalar Abdullah Özkan, Refika Nazlı Aydın, Vildan Özkan, Pınar Bozbeyoğlu
3	411- An Extensive Research on Activated Carbon (AC) for Preparation, Characterization and Improvement of Properties with Modification Methods Ayşenur Gümüş, Ali Rıza Kul, Adnan Aldemir*
4	413- Production, Import and Consumption Distribution of Activated Carbon (AC) in Türkiye Ayşenur Gümüş, Ali Rıza Kul, Adnan Aldemir*
5	90- Sürdürülebilir Boyamacılıkta <i>Juglans regia</i> L. Yaprağı Kaynaklı Biyomordanın Kullanımı Mehmet Kılınç*, Nur Kılınç
6	456- Denim kumaşların ağartılmasında kullanılan potasyum permanganat ve sodyum hipokloritin sürdürülebilirlik açısından değerlendirilmesi Esra Tabaş Asiltürk*, Mehmet Yüceer
7	857- Acyclic and Cyclic Schiff base-modified cyclophosphazenes Yasemin TÜMER
8	905- Oleic Acid Nitrogen Derivatives As Antistatic Additives V.M. Abbasov, A.A. Kangarli, N.I. Mursalov, D.B. Aghamaliyeva, E.K. Hasanov
Discussion	

Session 8.4 / 15:00 - 16:30		Session Chair : Dr. Ali Erdem Şabık
1	47- Measurement of the viscosity of gum arabic Elmira Aliyeva*, Nizami Zeynalov	
2	57- Design and (Bio)functionalization of Isocyanate-Bearing Cryogels Merve Bat Özmatara*, Tuğçe Nihal Gevrek	
3	334- Development of Biodegradable Poly(lactic acid) Composites Reinforced with Orange Peel Powder Ayla Abbashi*, Rima Guliyeva	
4	384- Development of Impact-Resistant, Halogen-Free, Flame-Retardant PBT-Based Composites for Use in the Automotive Industry Sertcan Urcan	
5	388- Synthesis of Biopolymer-Based Quercetin Delivery Systems Using Alginate Beads: In Vitro Antioxidant and Release Kinetic Analyses Cahit Özbilenler*, Selma Ustürk, Ergül Mutlu Altundağ, Mustafa Gazi	
6	858- Effect of Amine Complexes from Natural Petroleum Acids on the Corrosion of Carbon Steel in a CO₂ Environment Using the Tafel Method Vagif Abbasov, Nihad Alimadatli, Durna Aghamaliyeva, Zaur Aghamaliyev	
7	890- Obtaining free amino acids from raw sheep wool by solvothermal acid hydrolysis in a hydrothermal reactor Şükrü ACAR	
8	824- Evaluation of The Capacitive Behavior of MWCNTs to Explore Their Potential Applications in Supercapacitor Electrodes Yudum Tepeli Büyüksünetçi	
Discussion		

Session 8.5 / 15:00 - 16:30		Session Chair : Assist. Prof. Dr. Tuğçe Dikpınar
1	74- Synthesis of novel benzothiazole/thiazole hybrids and in silico investigations via SwissADME and BioFinder programs Aybüke Züleyha Kaya*	
2	323- Synthesis, Characterization and In Silico Anticholinesterase Inhibitory Activity of New Hydrazone-Hydrazone Derivatives Sümeyye Köşker*, Necla Kulabaş	
3	366- Effect of Trimetazidine on Detrusor Contractility in a Mouse Model of L-NAME-induced Overactive Bladder Seçkin Engin*, Cemile Güllü	
4	394- Regulatory Role of Caveolin-1 in Doxorubicin-Induced SASP and Its Impact on Cancer Cell Proliferation Yaprak Dilber Şimay Demir, Kader Yılmaz	
5	736- Hydrazone-Functionalized Diphenylurea Derivatives: Synthesis, Structural Characterization, and Comprehensive Biological Activity Evaluation Cemil Caner Arıkan*, Furkan Yaşaryıldız, Halime İlhan Sığınç, Derya Dilek Kançağı, Dilek Telci, Necla Kulabaş, İlkay Küçükgülzel	
6	766- Efficacy and Safety of CDP-Choline in Neurodegenerative Diseases Cansu Firincioğulları*, M. Aylin Arıcı*, Elif Barış*	
7	517- The effect of collagen supplementation on skin structure and signs of aging Klaudia Śmigielska*	
8	886-Cytotoxic and antimicrobial effects of <i>Cirsium ciliatum</i> subsp. <i>szovitsii</i> (C. Koch) Petrak and the determination of its phenolic compounds Tuğçe Dikpınar*, Turgut Taşkın, Erkan Rayaman, Saliha Aydın, Ayşe Mine Yılmaz-Göler, İsmail Şenkardes	
Discussion		

POSTER PRESENTATIONS 2		18 December 2025
POSTER SESSION 2.1		Time 12:30 – 13:30
1	492- Effect of PLGA-PEG-based Hypericum perforatum extract nanoparticles targeted with panitumumab in colorectal cancer cells Sude Uveyik, Fatma Yurt*	
2	501- Examination of the capacitive properties of reduced graphene oxide based electrodes functionalized with isonitrosoacetophenone derivatives Ömer Yıldız*, Tolga Göktürk, Tuğba Ören Varol	
3	521- Design of a ZIF-8 functionalized glassy carbon electrode-based electrochemical sensor for high-sensitivity TBHQ determination Emaduldeen J. M. Alisawi*, Zuhair Nazar Mohammed, Bakr Aldoori, Sema Gokdemir, Semahat Kucukkolbasi	
4	531- Bazı N-(4-süstitüearıl) maleimit bileşiklerinin sentezi ve asit katalizli hidroliz reaksiyon mekanizmasının araştırılması Emre Hasten*, Halil Kütük	
5	538- Development of clay-based KSEroGel structures for thermal energy storage systems Yaren İlayda Gürkan	
6	614- Development and characterization of nanocomposites for high-performance supercapacitors Ramin Jahangirov*, Sema Aslan, Derya Bal Altuntaş	
7	652- Production of a chitosan-based hydrogel packaging film to extend the shelf life of packaged foods Doruk Nil*, Nuse Sendogan, Muhammet Yigit Cucen	
8	698- Preparation of chalcone modified polyHIPE for removal of aluminum ions from water Ebru Tekneci Akgül, Büşra Akın Özmen, Erdem Yavuz, Berkay Sütay, Bahire Filiz Şenkal*	
9	731- Preparation of liquid crystalline poly(vinyl tetrazole) based cholesteryl modified polymer Eda Küçük Aydın*, Yeşim Gürsel, Bahire Filiz Şenkal	
10	825- Synthesis and characterization of new liquid crystalline polyurethane copolymer Sermin Hıza, Yeşim Gürsel	
Discussion		

POSTER PRESENTATIONS 2		18 December 2025
POSTER SESSION 2.2		Time 14:00 – 15:00
1	566- Elucidation of the anatomy, ecology, and micromorphology of three Glaucium species in the Aegean region Şerife Zeynep Dinler*, Ahmet Kahraman	
2	640- Enhanced topical efficacy of ketoprofen: Development of beta-cyclodextrin-based inclusion complexes and biopharmaceutical performance analysis Betül Ayıl, İrem Coksu, Serap Acar	
3	697- <i>Prunus spinosa</i> L. türünün meyve ekstraksiyonundaki fenolik madde ve antioksidan aktivitelerinin belirlenmesi Elif Veli Baysan*, Ece Sevgi	
4	707- Morphological and phylogenetic analyses of species belonging to the Lamiaceae family at Uşak University campus Tevfik İlker Demir*, Ahmet Gancı, Ahmet Kahraman	
5	764- Advancing midbrain organoid generation through new decellularized ECM-based protocols Melis Isık*, Yavuz Emre Arslan, Burak Derkuş	
6	513- Efficacy of rosmarinic acid in reducing symptoms of acne vulgaris: Case study Wioleta Faruga-Lewicka, Oliwia Kaczmarczyk, Wiktoria Kapica, Paulina Frątczak, Kamila Dutkiewicz, Julia Skwara, Jonatan Filarowicz, Julia Kościółek, Marek Kardas	
7	599- Influence of Different Albanian Freshwater Sources on Pale Ale Beer Quality Fatbardha Lamce*, Mamica Ruci, Julian Karaulli, Nertil Xhaferaj, Albert Kopali, Onejda Kycyk	
8	856- Biyokatalizör kullanılarak NaBH₄ 'den hidrojen üretiminin araştırılması Barış Postallıkara*, Songül Kaskun	
9	893- Hybrid renewable mobile energy station for off-grid molecular diagnostics and cold-chain healthcare Tormi Lillerand*, Indrek Virro	
10	389- Antileukemic potential of Nerium oleander L. extract: Cytotoxic and apoptotic effects on leukemia cells Belgin Sever*, Ayben Erkan, Bahar Ozer, Nermin Sarıgül, Damla Bayana, Selinay Başak Erdemli Köse, Tulay Tutenocakli, Yalcin Coskun, Ayhan Oral, Masami Otsuka, Mikako Fujita, Halilibrahim Ciftci	
Discussion		

ORAL PRESENTATIONS		
19 December 2025	SESSION 9	Time 09:00 - 10:30
Session 9.1 / 09:00 - 10:30		Session Chair : Assoc. Prof. Dr. Melahat Göktaş
1	577- Selüloz esaslı nanokompozitlerin 2. tip fotopolimerizasyon yöntemiyle hazırlanması Gencay Cantürk, Seda Bekin Acar, Mehmet Atilla Taşdelen	
2	613- Investigation of the Use of Bio-Based Plasticizers in Vinyl (PVC) Disposable Glove Production and Their Effects on Material Properties Şafak Ünal, Yasin Altın*	
3	694- Synthesis of the various macro initiator for production of the blok/graft copolymers via “living”/controlled radical polymerization (CRP) techniques Melahat Göktaş*	
4	709- Synthesis and characterization of biodegradable polyester by ring-opening polymerization (ROP) Melahat Göktaş*	
5	699- Development of active biodegradable poly(3-hydroxybutyrate-co-4-hydroxybutyrate) films enriched with essential oils for food packaging applications Kıvanç Mindavallı*, Bedriye Üçpınar, Hüseyin Uzuner, Nejla Altın, Sema Samatya Yılmaz, Ayşe Aytac	
6	545- Synthesis of functional nanohybrid materials through in situ copolymerization Serap Kavlak*	
7	318- Smart Pesticide Detection via Hexagonal MIM Metasurfaces Integrated with Deep Feed-Forward Networks Sümeyra Vural Kaymaz, Mustafa Özen, Süleyman Çelik, Selim Tanrıseven, Elmas Eva Öktem Olgun, Oltan Canlı, Barış Güzel, Yunus Sarıkaya, Hasan Kurt, Meral Yüce*	
8	650- C-QD ve ZnO-QD’ların Hidrotermal Sentez Yöntemi İle Üretimi ve Güneş Hücrelerinde Uygulanmasının Araştırılması Oğuzhan Taştan*, Şerife Saçmacı	
Discussion		
Break (10:30 - 11:00)		

Session 9.2 / 09:00 - 10:30		Session Chair : Assoc. Prof. Dr. Kuddusi Karaboduk
1	522- Kalp yetmezliği tedavisinde kullanılan bazı etken maddelerin analizi için kromatografik yöntemlerin geliştirilmesi Buse Süleymanoğlu*, Gizem Tırıs	
2	541- Extraction of Antioxidants From Food Waste and Its Contribution to Sustainability Furkan Burak Şen*	
3	550- Development of a cationic surfactant-selective glassy carbon electrode for potentiometric determination of didecyldimethylammonium chloride Asya İskenderoğlu, H. Elif Kormalı Ertürün*	
4	579- Cyclic voltammetric determination of brilliant blue in energy drinks by using a pretreated pencil graphite electrode Kuddusi Karaboduk*	
5	679- From Chromatogram to Confirmation: Advanced Detection of VX Nerve Agent and Related Compounds Havva Bekiroğlu Atas*, Muharrem Cenk, Nurgül Özcan	
6	682- Trace Elements Essential for Life in Biological Systems: Copper, Zinc and Selenium Gulbin Erdogan	
7	763- Arı ekmeği etanol ekstraktlarının HPLC tabanlı bileşen analizi ve antioksidan potansiyeli Fatma Ilgın Güller, Sibel Kaymak, Nilüfer Vural*	
8	774- Non-enzymatic electrochemical sensor design of pencil graphite electrode modified with poly(L-proline) and graphene for sensitive detection of folic acid Nilufer Kocyigit*, Melih Besir Arvas	
Discussion		
Break (10:30 - 11:00)		

Session 9.3 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Murat Yolcu
1	273- Investigation of the Photodynamic Therapy Potential of Water-Soluble Phthalocyanine Compounds Containing Pyridine Substituents on Breast Cancer Cell Line Ceren Boğuşlu*, Gökçe Seyhan, Elif Öz, Rengin Reis, Hüseyin Baş, Zekeriya Bıyıklıoğlu, Burak Barut	
2	805- Extraction of Bioactive Components from Black Elderberry (<i>Sambucus nigra</i> L.) with Deep Eutectic Solvents and Characterization of the Components Rüveyda Alptekin, Seda Özgen*	
3	806- Investigation of the Use of Colorimetric Films Containing Cranberry Extract as pH Indicators Abukar Mohamud Omar, Zehra Özbaş*	
4	675- Chick quality following in ovo feeding of <i>Viscum album</i> extract Berk Can Kaplan*, Canan Kop-Bozbay	
5	618- Berberinin östrojen reseptörü (ER/PR) pozitif meme kanseri hücrelerinde trombosit mikropartikülleri aracılı proliferasyon ve migrasyon üzerindeki etkileri Mujgan Çubuk, Merve Gürboğa, Özlem Bingöl Özakpınar, Derya Özsavcı	
6	629- Seasonal Changes in Phosphatidylinositol (PI) Fatty Acid Content in Muscle Tissues of Male and Female Individuals of <i>Silurus triostegus</i> Şeyma Baran, Murat Yolcu*, Veysi Kızmaz, Tarık Çiçek, Pelin Uğurlu, Nazanin Meskinbalov, Elif İpek Satar	
7	646- <i>Helichrysum arenarium</i> subsp. <i>erzincanicum</i> türünün fitokimyasal içeriğinin belirlenmesi ve antioksidan kapasitesinin değerlendirilmesi Volkan Aya*, Ahmet Altay, Hüseyin Akşit, Samet Şimşek	
8	681- Synthesis of New Triazoles as Acetylcholinesterase Inhibitors Mehmet Erşatır*, İpek Akdöner	
Discussion		
Break (10:30 - 11:00)		

Session 9.4 / 09:00 - 10:30		Session Chair : Assist. Prof. Dr. Ayşe Asiye Culum
1	183- Assessing the impact of breakfast consumption on cognitive and academic performance and daily wellbeing among Aldent University students Enkelejda Trebicka	
2	184- The impact of academic stress on eating behaviors, lifestyle and weight among university students Enkelejda Trebicka	
3	268- Does life kinetics exercise have an effect on melatonin and cortisol levels in Alzheimer's disease? Ayşe Asiye Culum*, Murat Gültekin, Faruk Akçınar, Zehra Ömeroğlu Ulu, Nurdan Sena Değirmenci, Fikrettin Şahin	
4	457- Effect of life kinetic exercise on BMAL1 and CLOCK in Alzheimer's disease Ayşe Asiye Culum*, Murat Gültekin, Hüseyin Güner, Faruk Akçınar, Zehra Ömeroğlu Ulu, Nurdan Sena Değirmenci, Fikrettin Şahin	
5	275- Management of swallowed capsules filled with drugs in intensive care Esra Sarı, Sevil Baltacı Özen, Berkay Küçük*	
6	396- Prevention of transmission and infection by Parvovirus B19, in children with hemoglobinopathy, who receive blood transfusions Theodor Disho*, Manika Kreka	
7	790- Investigation of biocompatibility and anticancer activities of <i>Lavandula intermedia</i> and <i>Lavandula angustifolia</i> on breast cancer (MCF-7) and healthy mouse fibroblast (L929) cell lines Sibel Kerem Karademir, Aslı Kara, Özlem Özbek*	
8	349- Impact of plant-based dietary patterns on breast cancer prevention Ayşenur Oruç*, Senem Suna, Senem Kamiloğlu	
Discussion		
Break (10:30 - 11:00)		

Session 9.5 / 09:00 - 10:30		Session Chair : Assoc. Prof. Dr. Tuba Tarhan
1	121- Green synthesis of selenium nanoparticles using <i>Cicer arietinum</i> L. extract and investigation of their biological activities in vitro for new drug development Tuba Tarhan*, Burhan Ateş	
2	532- Investigation of the antitumor activity of <i>Eremurus spectabilis</i> M. Bieb. (Çiriş herb) plant extracts in the process of hepatocellular carcinogenesis induced experimentally with diethylnitrosamine in rats Abdulkali Demir*, İsmail Çelik, Zabit Yener	
3	45- Acetylcholinesterase and butyrylcholinesterase enzyme inhibitory effect of <i>Ganoderma lucidum</i> (Reishi) mushroom Işıl Nihan Korkmaz*	
4	689- Synthesis and antioxidant properties of potential dual-acting acetylcholinesterase inhibitors Ozan Çobanoğlu, Sevinç İlkar Erdağı*, Neslihan Şaki*, Mustafa Akın	
5	720- Solvent-dependent differences in the DPPH antioxidant activity of bee pollen extracts Yeliz Kaya Kartal*, Sinem Pehlivan	
6	751- Molecular docking and DFT-based theoretical assessment of Delpazolid's activity against <i>Mycobacterium tuberculosis</i> Emel Ekinci, Özlem Gündoğdu Aytaç, Sertan Aytaç*	
7	606- The effects of MTHFR gene polymorphisms (C677T, A1298C) and homocysteine levels on the clinical progression of COVID-19 Züleyha Yıldız Yümsek, Burcu Gürer Giray, Aslı Haykır Solay, Eda Macit Aydın, Burcu Ayçahan Yıldız, Jülide Ergil, Aysun Hacışevki*	
8	881- Green synthesis of a novel chloro-aza acyclovir analogue Suzan Alhilal	
Discussion		
Break (10:30 - 11:00)		

ORAL PRESENTATIONS			
19 December 2025		SESSION 10	Time 11:00 - 12:30
Session 10.1 /11:00 - 12:45		Session Chair : Assist. Prof. Dr. Çağlar Berkel	
1	415- Cytotoxic effects of antidiabetic drug metformin in MCF-7 cells Sevcan Mamur*		
2	447- Investigation of the genotoxic effects of borax decahydrate using micronucleus assay Buse Alaca, Sevcan Mamur*		
3	460- Comparison of in silico tools used for predicting the functional effects of polymorphisms in veterinary genetics Dina Bedik*		
4	478- Secondary structures of mitochondrial genes in the classification of <i>Salmo</i> species in Türkiye Altuğ Karaman, Ferit Can Yazdıç*		
5	111- Transcript levels of ZDHHC protein palmitoyltransferases in granulosa cells isolated from the ovaries of PCOS and non-PCOS women Caglar Berkel*		
6	570- Functional role of MATN3 in osteosarcoma cell growth and motility Fatime Öcal*, Sedanur Can, Meltem Alper		
7	572- Targeting UHRF2 (ubiquitin-like with phd and ring finger domains 2) in osteosarcoma: impacts on proliferation and emt dynamics Sedanur Can*, Fatime Öcal, Meltem Alper		
8	822- Relationship of polymorphisms in PITX1, PITX2, LHX3, PROP1 and POU1F1 genes with litter size and growth traits in Saanen goats Nursen Şentürk, Tuğçe Necla Selvi, Muhammed Emin Sarı, Berkay Bozkurt, Hüseyin Babayev, Hale Şamlı, Hakan Üstüner, Sena Ardıçlı		
9	906- Holstein-Friesian Irkı Erkek Sığırlarda LEP, IGF1 ve MYF5 Genlerinin Karkas ve Et Kalitesi Özellikleri Üzerine Etkilerinin Belirlenmesi Nursen ŞENTÜRK, Tuğçe Necla SELVİ, Hüseyin BABAYEV, Hakan ÜSTÜNER, Sena ARDIÇLI		
Discussion			
Break (12:45 - 13:30)			

Session 10.2 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Şeyma Akkurt	
1	432- A dual-action role of naphthalene sulfonate in enhancing arsenic uptake and mitigating toxicity in maize seedlings Cansu Altuntaş*, Abidin Gümrükçüoğlu		
2	444- Determining the vulnerability of groundwater to pollution in the Develi Basin (Kayseri) using the DRASTIC method Şeyma Aykutlu*, Filiz Dadaşer-Çelik		
3	289- Integration of artificial intelligence in wastewater treatment for sustainable biogas generation Şeyma Akkurt		
4	791- Fast and complete destruction of acid fuchsin dye from water by electro-Fenton based processes Elif Nesli Yanık, Şule Camcıoğlu, Baran Özyurt*, Eren Yağız Tumbul, Yıldız Kayacı, Yaren Babadağ, Rümeyza Sarıtaş Babadağ		
5	810- Cobalt oxide/halloysite nanotubes for enhanced electrochemical sensing of tetracycline Meltem Okan*		
6	715- Atıksu arıtma tesislerinde karbon ayak izi: Türkiye’deki mevcut durum Dursun Ali Karakuş*, Filiz Dadaşer-Çelik		
7	750- Challenges and opportunities in preserving natural resources” in Albania Silvana Nakuci		
Discussion			
Break (12:30 - 13:30)			

Session 10.3 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Murat Tamer
1	62- Yerli üretim tanı kitinde kullanılan antikorların elektrokimyasal validasyonu Berkan Karagöz*, Sema Aslan, İbrahim Sözdutmaz	
2	95- Preparation of tin (II) sulfide photoelectrodes for photocapacitor applications Özlem Budak Doğramacı*, Jose Francisco Serrano Claumarchirant, Muhammet S. Toprak	
3	170- Çeşitli analitlerin eş zamanlı tayini için elektrokimyasal sensörler Merve Yılmaz Çılçar*	
4	582- Development of mesoporous carbon doped PVDF based PEM fuel cell membranes derived from waste coffee grounds Minel Mil*, Ceren Karagözlü, Yavuz Yağızatlı	
5	609- Screen-printed carbon electrode integrated with feather-like Au-Ag-Co trimetallic composite: An advanced sensor for electrochemical determination of sertraline HCl Cem Erkmen*	
6	616- Electrochemical enhancement of modified ITO electrodes for high-performance supercapacitor applications Ramin Jahangirov*, Sema Aslan, Derya Bal Altuntaş	
7	738- Development of high-sulfonation SPEEK membranes containing s-TiO ₂ nanoparticles for direct methanol fuel cell (DMFC) applications Murat Tamer*	
8	740- Silica-supported silicotungstic acid incorporated high-DS SPEEK membranes for hydrogen PEMFC applications Murat Tamer*	
Discussion		
Break (12:30 - 13:30)		

Session 10.4 / 11:00 - 12:30		Session Chair : Assist. Prof. Dr. Fatma Taeb Dişli
1	20- Palynological studies on <i>Astragalus</i> sect. <i>Malacothrix</i> (Fabaceae) Fatma Taeb Dişli*, Murat Ekici	
2	23- Roles of EDDHA-derived zinc complexes on growth and antioxidant defense in rice (<i>Oryza sativa</i> L.) exposed to salt stress Merve Miray Arda, Selda Durmuşoğlu, Dilek Ünlüer Birinci*, Asım Kadioğlu	
3	220- Effects of paclobutrazol on basil (<i>Ocimum basilicum</i> L.) during germination Hande Otu Borlu, Asena Aslan	
4	420- Gül Herbaryumu'nun Caryophyllaceae familyası envanteri üzerine notlar Raziye Doğan Kuş*, Hasan Özçelik, Neslihan Erdoğan Balpınar	
5	480- Reorganization of pollen tube cell wall under low temperature conditions in <i>Camellia sinensis</i> Sena Acar*, Aslıhan Çetinbaş-Genç	
6	481- Effects of low temperature stress on pollen germination, tube growth, and antioxidant responses in Turkish olive cultivars Sena Acar*, Melse Su Bilgili, Öznur Çetin, Aslıhan Çetinbaş-Genç	
7	703- Pharmacological uses of species belonging to the Lamiaceae family on the campus of Uşak University Tevfik İlker Demir*, Ahmet Gancı, Ahmet Kahraman	
8	780- Türkiye'de yetişen <i>Salvia</i> taksonlarına ve halk tıbbında kullanımına genel bir bakış Hatice Tosyagülü Çelik*, Sibel Kaymak, Nilüfer Vural	
Discussion		
Break (12:30 - 13:30)		

Session 10.5 / 11:00 - 12:45		Session Chair : Assist. Prof. Dr. Cumhuri Avşar
1	597- Gıda mikrobiyolojisinde CRISPR-Cas teknolojilerinin güncel uygulamaları Zeynep Tetik*, Pınar Şanlıbaba	
2	662- Computational approach to evaluating an isoniazid-based schiff base targeting <i>Mycobacterium tuberculosis</i> Suzan Şahin Doğan, Duygu Aydın	
3	686- Eco-friendly synthesis of selenium nanoparticles using <i>Leptolyngbya</i> sp.: Physico-chemical characterization and bioactivity assessment Emine Çelikoğlu*	
4	711- Çiğ kıyma ve köfte kökenli <i>Klebsiella</i> spp. ve <i>Citrobacter</i> spp. izolatlarında antibiyotik direnç genleri ve biyofilm oluşumu Emine Çelikoğlu*, Ceren Başkan, Önder İdil	
5	718- Evaluation of antibacterial potential of different parts of <i>Vincetoxicum hirundinaria</i> against <i>Enterobacter cloacae</i> Didem Aksu*, Sevdâ Güzel Kara	
6	726- Identification and management of mold-induced allergies in indoor environments Brikena Muja (Parllaku), Merita Xhetani, Etleva Hamzaraj, Mirela Lika	
7	732- TLR4/MYD88/NF-KB sinyal yolağı Büşranur Çiçek	
8	784- Investigation of antibacterial, antifungal, antibiofilm and synergistic effects of <i>Satureja thymbra</i> L. plant extracts against bacteria and fungi Pelin Erel*, Serdar Demir, Şura Baykan, İsmail Öztürk*	
9	875-Comprehensive genome analysis and various functional attributes of a potential <i>Enterobacter bugandensis</i> isolated from Türkiye Cumhuri AVŞAR*	
Discussion		
Break (12:45 - 13:30)		

ORAL PRESENTATIONS			
19 December 2025		SESSION 11	Time 13:30 - 15:00
Session 11.1 /13:30 - 15:00		Session Chair : Assoc. Prof. Dr. Melike Fırlak Demirkan	
1	55- Development of self-healing anti-corrosive smart epoxy coating material reinforced with chitosan/halloysite nanotubes Elif Yılmaz*, Nursel Dilsiz		
2	82- Controlled Sr(II) ion release from injectable electroactive hydrogels with potential for the treatment of infections Melike Fırlak Demirkan*, Dilek Öztürk, Zeynep Sude Çifçibaşı, Fatma Ertan, John George Hardy, Aslı Nurşeval Oyunlu, Hakan Darıcı		
3	171- CZTSe nanokristallerin sentezi ve karakterizasyonu Faysal Selimoğlu*, İlker Akın		
4	234- Development and characterization of tannic acid crosslinked poly(vinyl alcohol) films Nisan Yayla, Işınay E. Yüzay*		
5	459- Synthesis of schiff-based graft copolymer with waste PET and nucleation effect in PP masterbatches Songül Şahin Dumankaya*, Gökhan Ceyhan, Sibel Bilgiç Kara		
6	482- Synthesis, characterization and investigation of new multifunctional processing auxiliary materials to improve processability of polyolefins Harun Bodur*, Gökhan Ceyhan		
7	585- Ionic liquid-assisted photoluminescence enhancement in CASN:Eu ²⁺ -pyranine composites Beyza Yıldırım Türkmen*		
8	759- Keratin-enhanced hydrogels: Structural and functional characterization for tissue engineering Rümeysa Tutar*		
Discussion			
Break (15:00 - 15:30)			

Session 11.2 / 13:30 - 15:00		Session Chair : Assoc. Prof. Dr. Belgin Sever
1	76- Benzo[d]oksazol yapısına sahip bileşiklerin sentezi, biyolojik aktivitesi ve moleküler modelleme çalışmalarının araştırılması Ahmet Buğra Aksel*, Şule Yurdakul, Merve Gediağaç, İnci Selin Doğan	
2	352- Next-generation inositol phosphate derivatives as mechanistic inhibitors of HIV-1 assembly Belgin Sever*, Hasan Demirci, Halilibrahim Çiftci	
3	515- Effects of phenolics from <i>Stachys menthoides</i> on health Seniha Koyun, Nurten Cengiz, Serap Toprak Döşlü*	
4	516- Investigation of antimicrobial properties of nanoparticles synthesized from <i>Onosma alborsea</i> extract Cemile Günbegi Çalışkan, Leyla Ercan, Serap Toprak Döşlü*	
5	520- Design and synthesis of amino acid-hydrazone hybrids as dual Bcl-2/NF-κB inhibitors Merve Camcı Eren*, Merve Yıldırım	
6	704- Synthesis and tyrosinase inhibition of 1-(4-fluorobenzyl)piperazine-based dithiocarbamates Merve Zengin*, Esin Akdemir Yılmaz, Gözde Girgin, Suna Sabuncuoğlu, Oya Ünsal Tan	
7	904- Production and characterization of honokiol-loaded polymeric nanoparticles for glioblastoma treatment Zeynep Atalay, Cansu Tatar, Ayşegül Erdemir	
8	777- Synthesis, characterization and anticancer evaluation of novel urea derivatives Sevda Türk*, Suna Özbaş	
Discussion		
Break (15:00 - 15:30)		

Session 11.3 / 13:30 - 15:00		Session Chair : Assist. Prof. Dr. Elif Coşkun Dağgeçen
1	68- Production and characterization of aldehyde fractionated regenerated cellulose-chitosan based bioaerogel Onur Şenol, Orçun Çağlar Kurtuluş*	
2	70- Uncovering the soil impact of wastewater irrigation: a case study from Konya, Türkiye Zeinab Saeed Abdelrazik, Muhittin Onur Akça*, Hanife Akça, Erdem Peker, Kıymet Deniz Yağcıoğlu, Sonay Sözüdoğru Ok	
3	496- Effects of some postharvest treatments on the storage of nectarine fruits Yağmur Bala*, Neslihan Ekinci	
4	549- Yüksek pH ve tuzluluk koşullarında yerli EDDHA-Fe şelatının gübre performansı ve sürdürülebilir tarım açısından potansiyelinin araştırılması Selda Durmuşoğlu, Elif Göktürk, Dilek Ünlüer Birinci, Asim Kadioğlu	
5	569- Effects of diatomite applications on some soil properties and aggregate stability Zerrin Civelek*, Nutullah Özdemir, Furkan Güler	
6	643- Silajlık mısır (<i>Zea mays</i> L.) çeşit adaylarının ikinci ürün koşullarında performanslarının belirlenmesi Sinem Zere Taşkın*, Uğur Bilgili	
7	669- The impact of gamma rays on soybean germination and seedlings Cenk Burak Şahin, Mustafa Yılmaz*	
8	724- Metagenomic analysis of the olive rhizosphere microbiome Mine Aksu, Elif Coşkun Dağgeçen*	
Discussion		
Break (15:00 - 15:30)		

Session 11.4 / 13:30 - 15:00		Session Chair : Assist. Prof. Dr. Tuğçe Tüccar
1	814- Evaluating the Phytoremediation Potential of <i>Hygrophila corymbosa</i> under Lead Stress: Physiological Insights in Freshwater Environments Hulya Yazicioglu, Asli Hocaoglu-Ozyigit, Bedriye Nazli Erkencioglu, Ibrahim Ertugrul Yalcin, Ibrahim Ilker Ozyigit	
2	832- Seedlessness Genes and Molecular Identification Studies in Grapevines (<i>Vitis vinifera</i> L.) Abdullah Ozdemir, Emine Orhan*	
3	887- Preliminary Evaluation of Olive Pomace Extract-Based Topical Cream: Antioxidant Capacity and Wound Healing Potential Reyhan Zeynep Gündoğdu Özdemir*, Nükte Topraksever	
4	892- Postbiotics as Potential Therapeutic Agents for Noncommunicable Diseases Tuğçe Tüccar	
5	895- Evaluation of Antioxidant Capacity of <i>Morus indica</i> L. Leaf Extract by DPPH Method Yeşim Özkan	
6	896- Effect of Artichoke (<i>Cynara scolymus</i> L.) Leaf Extract on <i>Caenorhabditis elegans</i> Population Growth Yeşim Özkan*, Ayşenur Çelik	
7	897- Investigation of the Effect of Mulberry Leaf Extract on Population Growth of <i>Caenorhabditis elegans</i> Yeşim Özkan*, Ayşenur Çelik	
8	898- Evaluation of Antioxidant Activity of Artichoke Leaves with DPPH Radical Scavenging Assay Yeşim Özkan*, Ayşenur Çelik	
Discussion		
Break (15:00 - 15:30)		

Session 11.5 / 13:30 - 15:00		Session Chair : Assoc. Prof. Dr. Rafiğ Gurbanov
1	812- Bioactive potential of <i>Raphanus sativus</i> L. var. longipinnatus (Daikon): cytotoxicity and antioxidant activity Simge Helvacilar, Furkan Ozan Çöven, Tülay Öncü-Öner	
2	876- Ultrasound triggered piezocatalysis of organic pollutant degradation via Fe ₃ O ₄ nanoparticles Ahlem Sattuf*, Savaş Sönmezoğlu, Özlem Ateş Sönmezoğlu	
3	877- Influence of magnesium-doped zinc-tin-oxide nanoparticles on biochemical responses of tomato plants Ahlem Sattuf*, Savaş Sönmezoğlu, Özlem Ateş Sönmezoğlu	
4	878- Bitki büyümesini teşvik edici özellikteki <i>Bacillus</i> suşlarının siklik lipopeptid üretimlerinin kromatografik olarak incelenmesi Baran Mis*, Zülal Günay, Murat Elibol, Rengin Eltem	
5	879- Nar atıklarından yarı katı kültür fermentasyonu ile sitrik asit üretiminin incelenmesi Onur Kozan, Ayşe Sude Güven, Işık Çoban*	
6	894- Production of enantiomerically pure 1-phenylethanol in green solvent media using response surface methodology Ayşe Bozan, Rahime Songür*, Ülkü Mehmetoğlu	
7	14- Probiotic extracellular vesicles as postbiotic therapeutics in precision medicine Rafiğ Gurbanov*	
8	861- Mathematical Modeling of Exercise -Induced DNA Methylation Dynamics Hatice Nur Oktay, Işık Didem Karagöz	
Discussion		
Break (15:00 - 15:30)		

ORAL PRESENTATIONS		
19 December 2025	SESSION 12	Time 15:30 - 17:00
Session 12.1 /15:30 - 17:00		Session Chair : Assoc. Prof. Dr. Tolga Kağan Tepe
1	36- Innovative approach in food safety: smart packaging systems with natural pigments Fatma Öztürk*, Hatice Gündüz	
2	58- Extraction of bioactive compounds from rosehip fruit using natural deep eutectic solvents (NADES) Vildan Eyiz*, Ayşenur Acar	
3	61- Extract to protect: redefining betalain stability in natural colorant research Ayşenur Acar, Vildan Eyiz*	
4	91- Effect of drying method and process conditions on the physicochemical and functional properties of tomato pomace powder Tolga Kağan Tepe*, Fadime Begüm Tepe	
5	164- Mardin’de unutulmaya yüz tutmuş gastronomik bir değer in incelenmesi ve duyuşal analiz ile değeriendirilmesi Tacettin Erol, Sena Bakır*	
6	174- Farklı fasulyeler ile üretilen cipslerde tüketici beğenisinin değeriendirilmesi İbrahim Temiz, Tahsin Can Tunçay, Sena Bakır*	
7	485- The olive oil production and pomace management in Albania, a contribution to sustainable agriculture Aleksander Petre, Erzen Doga, Dritan Topi*	
8	504- Wine sector in Albania: challenges and opportunities for geographical indications protection Aleksander Petre ¹ , Dritan Topi	
Discussion		

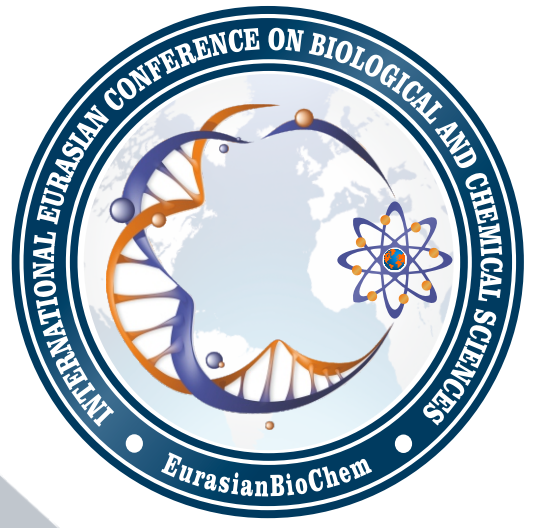
Session 12.2 / 15:30 - 17:00		Session Chair : Assoc. Prof. Dr. Mehtap Kara
1	181- Mitochondrial dysfunction induced by environmental toxicants Merve Arici*	
2	410- Evaluation of the in vitro genotoxic and antigenotoxic potential of Geranium robertianum extract Tuğçe Mutlu*, Mehmet Sarimahmut	
3	487- Effects of thymoquinone in a surgically induced rat endometriosis model Neşe Başak Türkmen, Dilan Aşkın Özek, İdris Ayhan, Hande Yüce, Şeyma Yaşar, Aslı Taşlıdere, Rauf Melekoğlu, Muhterem Aydın, Songül Ünüvar, Osman Çiftçi	
4	594- Histological investigation of the effects of chronic thiamethoxam exposure on the digestive gland and kidney tissues of Lymnaea stagnalis Ali Emre Yanaloğlu*, Serhat Üreyil, Sezgi Somuncu	
5	596- Evaluation of anabolic androgenic steroid nandrolone decanoate effects on apoptosis associated genes in pancreatic cells Akin Kahya*, Mehtap Kara, Funda Çatan İnan	
6	598- In vitro cytotoxic evaluation of Artemisia absinthium on human A549 lung carcinoma cells Esmanur Kuzucu*, Mehtap Kara, Ayşegül Karapınar, Zeynep Akdaş	
7	762- The acute gastrointestinal toxidrome: a triage algorithm distinguishing organophosphates, carbamates, and metal phosphides from foodborne illness Elifnur Yıldırım*, Mehtap Kara	
8	53- Zebra balığı embriyolarında imidakloprid ve bisfenol e'nin kombine maruziyetine bağlı morfolojik anomaliler ve apoptoz yanıtı Hüseyin Demirci*, Cansu Akbulut	
Discussion		

Session 12.3 / 15:30 - 17:00		Session Chair : Assoc. Prof. Dr. Başar Uymaz Tezel
1	849- Evde tüketim veya pazarlarda satışa sunulmak için üretilen peynirlerde biyogen amin üreticisi <i>Enterococcus</i> türlerinin risk değerlendirmesi: Çanakkale/Bayramiç örneği Hakan YILDIRIM, Fatma Dilara KIRIM, Başar UYMAZ TEZEL	
2	882- Biopreservation with Postbiotics: The Potential of Microbial Metabolites to Enhance Food Safety and Extend Shelf Life Sarhan Mohammed , Nilgün Özdemir	
3	658- Cold Plasma in the Food Industry: Mechanisms, Product Quality and Safety Perspectives Hakan APAYDIN	
4	844- Effects of LED light exposure on phenolic-flavonoid content and antioxidant properties of <i>Lens culinaris</i> L. Microgreens Extracts Melike Altunbay*, Muhammet Doğan, Bugrahan Emsen	
5	845- Phenolic-flavonoid composition and antioxidant potential of microgreen and mature <i>Eruca sativa</i> Mill. Extracts Didem Turhan*, Muhammet Doğan, Bugrahan Emsen	
6	674- Piyasada satılan farklı matcha çayı türlerinin fenolik bileşik içeriklerinin ve antioksidan kapasitelerinin yeşil çay türleri ile karşılaştırılması Teslime Özge Şahin, Merve Çoban, Merve Özdemir	
7	194- The future of eggs: the functional food market and consumer trends Muhammed Yüceer*, Meltem Aşık	
8	843- Antioxidant activities and phytochemical profiles of microgreen and mature <i>Spinacia oleracea</i> L. extracts Şeyda Şahin*, Muhammet Doğan, Bugrahan Emsen	
Discussion		

Session 12.4 / 15:30 - 17:00		Session Chair : Assoc. Prof. Dr. Demet Doğan
1	443- Uncovering Hidden Patterns: The Significance of Water Quality Trend Analysis Mehmet Pala*, Demet Doğan	
2	837- Co-toxicity of pesticides and nano/microplastics in aquatic systems: Implications for fish models Demet Doğan	
3	841- Comparative evaluation of antioxidant activities and bioactive compound profiles of <i>Pyracantha coccinea</i> M. Roem. Extracts Yazgı Doğa Atıcı*, Bugrahan Emsen, Muhammet Doğan	
4	842- Growth-biomass responses of <i>Eruca sativa</i> Mill. microgreens to the lichen-derived metabolites atranorin and usnic acid Yazgı Doğa Atıcı*, Muhammet Doğan, Bugrahan Emsen	
5	839- The importance of vineyard houses in Gaziantep in terms of culture and urban ecology Mustafa Pehlivan	
6	838- Impact of agricultural herbicides on aquatic ecosystems: Case of acetonifin Şeyma Özdemir*, Muhittin Doğan	
7	846- Artificial Intelligence-Assisted Dermatophyte Diagnosis-Image Analytics Approach Aras Fahrettin Korkmaz*	
8	836- Biomarker evidence of metolachlor-driven oxidative stress in rainbow trout Demet Doğan	
Discussion		

Session 12.5 / 15:30 - 17:15		Session Chair : Assist. Prof. Dr. Elif Gelenli Dolanbay
1	40- Removable prosthetic rehabilitation with the third impression of a completely edentulous patient with temporomandibular disorders: A case report Neada Hysenaj, Endrit Paparisto, Edit Xhajanka, Tedi Verçani, Edlira Mulo, Alketa Qafmolla, Blerta Lila, Belisa Kaleci	
2	874- Periodontal Destruction, Periodontal Regeneration and Considerations in Endo-Perio Lesions Akif NALBANT*, Gamze Ebrar NALBANT, Hatice Ebru OLGUN	
3	859- Endothelial Dysfunction in Type 1 Diabetes and Therapeutic Targets Sevil Erarslan*	
4	860- Contemporary Advances in Type 1 Diabetes Therapeutic Perspectives Sevil Erarslan*	
5	850- Beyin hasarı ve kuersetin: Deneysel bulgular ve klinik potansiyel Mücahit Börekçi*, Ali Şenol	
6	644- Regenerative Roles of Mesenchymal Stem Cells and Extracellular Vesicles in Ovarian and Endometrial Injury Elif Gelenli Dolanbay	
7	656- Histological Insights into Endometrial Microbiota: Implications for Fertility and IVF Outcomes Elif Gelenli Dolanbay	
8	885- Advances in 3D Graphene Foam Electrodes for Biosensing Applications Muhsin Dogan, Sophia Nazir, David Jenkins	
9	900- The Importance of Early Detection in Alzheimer's Disease: Advancing Body-Fluid Biomarker Detection with Point-of-Care Devices Muhsin Dogan, Sophia Nazir, David Jenkins	
Discussion		

POSTER PRESENTATIONS 3		19 December 2025
POSTER SESSION 3.1		Time 13:30– 14:30
1	8- Anti-ulcer activity of pumpkin (<i>Cucurbita moschata</i> & <i>Cucurbita maxima</i>) pulp and seed extracts in rats Djahida Hadj Merabet*, Meriem Saker, Malika Hamiani, Djihene Bali, Salim Habi	
2	274- Sığır ve insanlarda bruselloz kontrol ve kontrol stratejileri Sercan Geçici*, Evrim Genç, Oktay Genç	
3	409- Academic stress and exam-period nutrition: Implications for student well-being and academic performance Gerta Kupi*, Arjana Mucaj	
4	498- Investigating the role of COL1A1 and FN1 gene expression in cisplatin-resistant ovarian cancer Dayana Muaaz, Yalda Hekmatshoar*	
5	502- Expression analysis of PCBB and IVD genes in metastatic prostate cancer Safa Ahmed A Abudaya, Yalda Hekmatshoar*	
6	540- The effectiveness of cavitation liposuction and radiofrequency in reducing excess abdominal fat: A pilot study Weronika Seroka, Wiola Faruga-Lewicka, Estera Wajdzik, A. Żoń-Biedroń	
7	622- CID-1067700 treatment differentially modulates lysosomal acidification in bortezomib-sensitive and -resistant myeloma cells Gülüzar Günur İtez*, Nazila Farhangzad, Doğa Tezal Altındağ, Kübra Gayret, Tülin Özkan, Asuman Sunguroğlu	
8	667- The use of lithium obtained from the recycling of lithium-ion batteries as a raw material in lithium-carbonate-based mental health medications Doruk Nil	
9	767- Effects of human osteoblast-derived exosomes on the osteogenic commitment of multipotent and pluripotent stem cells Vildan Torun Baltacıoğlu*, Burak Derkuş	
10	449- Yeni benzaldehit türevi Schiff bazı sentezi ve yapılarının spektroskopik yöntemlerle karakterizasyonu Gözde Bulut*, Seyhan Öztürk	
Discussion		



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