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BIOLOGICAL AND CHEMICAL SCIENCES

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* This list is arranged in alphabetical order.

ORAL PRESENTATIONS		
19 October 2026	**SESSION 1**	**Time 09:00 – 10:30**

Session 1.1 / 09:00 – 10:30	**Session Chair : Assist. Prof. Dr. Ahmet Eser**
1	**15 – Effect of humic acid on antioxidant enzyme activities and mineral nutrient status of drought-tolerant and sensitive wheat (*Triticum aestivum* L.) cultivars under drought stress** Ahmet Eser*
2	**247 – Investigation of the inhibitory effects of cornelian cherry (*Cornus mas* L.) extracts on acetylcholinesterase activity** İmdat Aygül*
3	**106 – Hesperidinin doza bağlı *in vitro* antioksidan ve oksidan profili** Mehmet Kemal Delmecioğlu*, Gül Fatma Yarım
4	**84 – Rivastigmine–sinapinic acid hybrid carbamates as multi-target cholinesterase/MAO-B inhibitors: An *in silico* design and ADMET evaluation** Ozan Çobanoğlu*, Sevinç İlkar Erdağı, Neslihan Şaki
5	**176 – Zebrafish (*Danio rerio*) as a complementary model in CBRN research: Investigating the toxic effects of organophosphorus compounds and screening for antidotes** Ayla Sayın Öztürk*, Sermet Sezigen
6	**178 – Küresel ısınmanın teleost balıklarında ısı şoku proteinleri üzerindeki etkileri** Damla Terzi*, Gül Fatma Yarım
7	**209 – Development of resveratrol-enriched ZIF-8 nanostructures for 5-FU delivery targeting oral squamous cell carcinoma** Sude Ayhan*, Münteha Özsoy
8	**221 – Sosyal yaşantıda çayın sağlık üzerine etkileri** Berk Yaman, Emine Diraman, Fatma Gönül Sezgin
Discussion	
Break (10:30 – 11:00)	

Session 1.2 / 09:00 – 10:30	**Session Chair : Dr. Sait Sarı**
1	**97 – Synthesis of a novel 1,2,3-triazole–thiosemicarbazone hybrid compound and its potentiometric application for the highly sensitive determination of In(III) ions in environmental samples** Ayşe Nihan Açıkkapı*, Erbay Kalay, Oguz Özbek, Osman Nuri Aslan, Isa Mert Eski
2	**109 – A novel potentiometric sensor based on a newly synthesized thiosemicarbazone–1,2,3-triazole derivative as an ionophore for the determination of Al^{3+}** Erbay Kalay*, Ayşe Nihan Açıkkapı*, Oguz Özbek, Osman Nuri Aslan, Isa Mert Eski
3	**341 – Determination of phytochemicals in tomato by HPLC: Methods, cultivar diversity, and processing effects** Serkan Fileta*, Aysen Kurt Cucu, Gulbin Erdogan
4	**318 – Determination of vitamin C in commercial effervescent tablets by UV-Vis spectrophotometry and evaluation of the analytical method using multiple green and sustainability metrics** Nükte Topraksever*, Baran İşbiter, Gamze Özgül Artuç
5	**69 – *Dysosma versipellis* bitkisinden yeni tanımlanan flavonoidlerin ısı şoku proteini (HSP90) üzerindeki inhibisyon etkilerinin in silico olarak incelenmesi** Sait Sarı*
6	**147 – Theoretical investigation of nitrogen-containing boraphenalene-based organic semiconductor models** Buşra Hamarat, Fatma Sevin*
7	**225 – Assessing prediction reliability in hERG inhibition models through structural similarity and local activity variability** Kenan Tütüncü, Berke Demirel, Gülbin Kurtay*, Fatma Sevin
8	**227 – Prediction of human carbonic anhydrase II and IX inhibition and selectivity using molecular fingerprints, physicochemical descriptors, and ExtraTrees models** Berke Demirel, Kenan Tütüncü, Gülbin Kurtay*, Fatma Sevin
Discussion	
Break (10:30 – 11:00)	

Session 1.3 / 09:00 – 10:30	Session Chair : Assist. Prof. Dr. Kevser Betül Ceylan
1	**49 – Do identical SMILES always yield the same predicted targets? A SwissTargetPrediction re-analysis case study** E. Vildan Burgaz, İmge Kunter*
2	**122 – Computational identification of Andes virus-derived miRNA-like candidates and bidirectional host–virus miRNA interactions** Mehmet Emin Orhan, Müşerref Duygu Saçar Demirci*
3	**213 – A genome-wide insight into the trihelix transcription factor family of *Actinidia chinensis*** Yusuf Ceylan*
4	**281 – Exploring the BURP protein family in sunflower (*Helianthus annuus* L.): A genome-wide *in silico* analysis** Hooman Savehdarbandsari, Kevser Betül Ceylan*, Sayime Dağ
5	**282 – Comprehensive *in silico* characterization of the *GeBP* gene family in sunflower (*Helianthus annuus* L.)** Kevser Betül Ceylan*, Fatmanur Bozkurt, Yusuf Ceylan
6	**346 – Chaxines from the edible mushroom *Agrocybe chaxingu* are electronically competent Michael acceptors but do not engage the cathepsin K active site: An *in silico* target-deconvolution study** Gamze Altıntaş Kazar*
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
19 October 2026	**SESSION 2**	**Time 11:00 – 12:30**

Session 2.1 /11:00 – 12:30	**Session Chair : Prof. Dr. Hasan Temiz**
1	**101 – Applications of silver nanoparticles in the dairy industry** Fatma Al, Hasan Temiz
2	**291 – Silver nanoparticle production via biological systems** Fatma Al, Hasan Temiz
3	**119 – Potential applications of hydrogen-included reducing atmosphere drying technology in the food industry** Berrak Iğdır, Enes Kavrut, Duried Alwazeer
4	**207 – Antioxidant properties and storage stability of oat- and coconut-based beverages fermented with *Lactobacillus rhamnosus* GG** Rana Palas Altay, Serap Coşansu*
5	**250 – Effect of plant-based matrix composition on probiotic viability and antioxidant properties of fermented oat- and hazelnut-based beverages** Enise Mercan, Serap Coşansu*
6	**253 – Dietary exposure to aflatoxin B1 through maize flour consumption in Albania** Griserda Topi, Dritan Topi*
7	**292 – A review of localized food safety frameworks for risk-based inspections** Luana Harizaj*, Rozana Troja, Klodiola Dhamo
8	**361 – Sürdürülebilir işlevsel spor içeceği formülasyonları: İçerikler, stabilite ve teknolojik zorluklar** Muhammed Yüceer*, Meltem Aşık*
Discussion	
Break (12:30 - 13:00)	

Session 2.2 / 11:00 – 12:30	**Session Chair : Assoc. Prof. Dr. Demet Doğan**
1	**26 – Development of GelMA/acrylic acid cryogels for vaccine applications** Maria Aldubosh, Murat Ihlamur, Esra Su, Emrah Sefik Abamor, Mehmet Murat Ozmen*, Murat Topuzogullari*
2	**191 – Cryogel-integrated microfluidic filtration for heavy metal removal and hepatotoxicity assessment** Huseyn Hasanzade, Murat Kaya, Tayfun Şengel, Mahdi Ahanibarough, Hamed Ghorbanpoor*, Ayla Eker Sarıboyacı, Hakan Şentürk*, Hüseyin Avcı
3	**303 – Engineering a biomimetic, pericardium-derived matrix for cardiac tissue bioprinting** Ayşen Güngör, Ayşenur Atak, Ayça Bal Öztürk, Yüksel Çetin*
4	**339 – UnaG proteini Y134F varyantının üretimi, saflaştırılması ve karakterizasyonu** İbrahim İncir*, Yakup Ulusu, Ceren Bayraç, İsa Gökçe
5	**320 – Development and characterization of *Pistacia terebinthus* L. extract-loaded chitosan-based hydrogel films for potential biomedical applications** Bedriye Arslan*, Meltem Taş Küçükaydın, Hilal Büşra Tokgöz Bozkurt, Selçuk Küçükaydın, Filiz Altan, Mehmet Emin Duru
6	**126 – Carboxybetaine content governs the physicochemical and biological properties of poly(4-vinylpyridine)-based zwitterionic polymers** Shifa Alhamvi, Selcen Arı Yuka, Melike Ersoz, Murat Topuzogullari*
7	**307- Development of Microalgae-Derived Exopolysaccharide-Based Bioinks for 3D Bioprinting of Lung Cancer Models** Gülcan Ayşin Karaca* , Didem Balkanlı
Discussion	
Break (12:30 - 13:00)	

Session 2.3 / 11:00 – 12:30	Session Chair : Assist. Prof. Dr. İlay Buran Kavuran
1	**37 – Expression profile of selected ion channels in an LL-37-induced mouse model of rosacea** İlay Buran Kavuran*, Ebru Önalan, Ahsen Güler, Gizem Bircan, Ahmet Tektemur
2	**86 – In *silico* analysis of common miRNAs among rare metabolic diseases and identification of associated biological pathways** Okan Sancer
3	**127 – Investigation of the effects of a novel pyrazolyl-thiazole hybrid on pro-inflammatory M1 macrophage differentiation in THP-1 cells** Mustafa Çakır*
4	**179 – Higher copy number of *VPS72* is significantly associated with increased expression and poor survival in breast cancer** Tolga Acun*
5	**305 – Verteporfin MCF-7 meme kanseri hücrelerinde proliferasyonu azaltır ve otofaji ile ilişkili genlerin ekspresyonunu baskılar** Gülnihal Palabıyık*, Ebru Güçlü
6	**367 – Apoptosis-associated cytotoxic effects of *Micromeria fruticosa*-mediated silver nanoparticles on lung cancer cells** Zeynel Şahan*, Önder Yumrutaş, Pınar Yumrutaş, Murat Korkmaz, Mustafa Pehlivan
7	**372 – Effects of the ethanolic extract of *Salvia viridis* and selected phenolic compounds on the lactoperoxidase enzyme: Inhibition potential and kinetic evaluation** Nurcan Dedeoğlu*, Seçil Karahüseyin
8	**190 – In *vitro* evaluation of the effects of finerenone on the inflammatory response in LPS-stimulated HUVECs** Zeynep Karakoy Kaya*, Hamza Halıcı
Discussion	
Break (12:30 - 13:00)	

ORAL PRESENTATIONS		
19 October 2026	**SESSION 3**	**Time 13:00 – 14:30**

Session 3.1 /13:00 – 14:30	**Session Chair : Assist. Prof. Dr. Havva Esra Tutuncu**
1	**89 – Comparative domain and protein family analysis of experimentally characterized PET hydrolases** Havva Esra Tütüncü*
2	**120 – Doğal derin ötektik çözücüler (NADES) ile gıda atıklarının değerlendirilmesi** Nurdan Özdemirli, Senem Kamiloğlu
3	**167 – SC-CO_2-derived purified curcumin-loaded alginate hydrogels: Characterization, *in vitro* release, and cytotoxic activity** Zehra Kılıçel*, Hatice Banu Keskinkaya, Ali Özcan, Bahar Yılmaz Altınok
4	**194 – Carbon dots derived from waste *Salvia officinalis* L. biomass: Antioxidant activity and metal ion sensing** Kaan Katiel*, Ebru Kocadağ Kocazorbaz
5	**199 – Biocatalytic and microbial routes to the novel α-hydroxy-4-oxo-tetrahydroindoles** Nursu Alkan, Zerrin Zerenler Çalışkan*
Discussion	
Break (14:30 - 15:00)	

Session 3.2 / 13:00 – 14:30	**Session Chair : Assoc. Prof. Dr. Alevcan Kaplan**
1	**195 – Apigetrin'in SKBR-3 meme kanseri hücre hattında hücre canlılığı üzerindeki etkilerin araştırılması** Mustafa Batuhan Özbek, Hacer Kaya Çakır
2	**197 – MDA-MB-231 meme kanseri hücre hattında ponatinib'in apoptotik yolak üzerine etkisinin incelenmesi** Büşra Çiğdem, Özlem Türksever, Hacer Kaya Çakır, Onur Eroğlu
3	**252 – Evaluation of the cytotoxic effects of cisplatin and thymoquinone combination in MCF-7 and MDA-MB-231 breast cancer cells** Gizem Akman*
4	**308 – Evaluation of the anticancer activity of *Hypericum perforatum* extract in SKBR-3 breast cancer cells** Merve Kayhan*, Buse Bekar, Büşra Cebeci, Handan Sevim Akan
5	**315 – Evaluation of the cytotoxic effects and drug combination profile of darunavir and cobicistat in SH-SY5Y and HUVEC cells** Hazal Gür*, Esra Gökçe Gündüzer, Burcu Ekim, Mehmet Altay Ünal
6	**316 – Comparative evaluation of the cytoprotective effects of three olive leaf extracts against hydrogen peroxide-induced cellular damage in Caco-2 cells** Hazal Gür*, Salih Tuncay
7	**342 – The unfolded protein response signalling in health and disease: From molecular mechanisms to pathological implications** Duygu Elif Yilmaz*
Discussion	
Break (14:30 - 15:00)	

Session 3.3 / 13:00 – 14:30	Session Chair : Assoc. Prof. Dr. Handan Şapcı Selamoğlu
1	**34 – Induction of membrane damage, oxidative stress, and apoptosis in non-small cell lung cancer cells by botanical extract fractions** Ayse Erdogan*
2	**149 – Evaluation of the antioxidant and antimicrobial activities of *Mentha pulegium* L. essential oil** Farah Chahla Hadia*, Malki Abdelkrim
3	**215 – Evaluation of the enzyme inhibitory potential of the aerial parts of *Polygonum equisetiforme* Sibth. & Sm.** Gülhan Özge Hita*, İçim Gökkaya, Gökçe Seyhan, Burak Barut, Gülin Renda
4	**256 – Antioxidant activities of essential and fixed oils from *Pimenta dioica* (L.) Merr. fruits of different geographical origins** Sevdenur Avcı*, Damla Kırcı, Umay Aka, Pelin Taştan, Tuba Gönenç
5	**299 – Bitkisel yaşlanma karşıtı araştırmalarda sistematik botanikten çok katmanlı biyoinformatik entegrasyona: Kemometrik profil, ağ farmakolojisi, moleküler docking ve ADMET tabanlı bir karar iş akışı** Handan Şapcı Selamoğlu*
6	**269 – Comparative evaluation of the anti-inflammatory/antioxidant activities and total phenolic/flavonoid contents of *Inula aschersoniana* Janka extracts** Sedanur Zavalsız*, Ali Şen*, İsmail Şenkardeş
7	**272 – Pharmacognostical investigations on *Tragopogon porrifolius* L. subsp. *longirostris* (Sch.Bip.) Greuter** Buse Aras Altun*, Ali Şen*, Ahmet Doğan
Discussion	
Break (14:30 - 15:00)	

ORAL PRESENTATIONS		
19 October 2026	**SESSION 4**	**Time 15:00 – 16:30**

Session 4.1 /15:00 – 16:45	**Session Chair : Assoc. Prof. Dr. Arif Mermer**
1	**80 – Light-cured dental 3D printing systems: A comprehensive review on technologies, degree of conversion, and post-curing processes** Zerin Yeşil Acar*
2	**157 – Chemical modification of hemp fiber via acrylonitrile/acrylic acid graft copolymerization and amidoximation: Structural characterization by FT-IR** Burcu Şimşek, Emrah Akgeyik, Orhan Hazer
3	**322 – Investigation of the adsorption performance of a natural composite adsorbent developed from *Opuntia ficus-indica* gel and bentonite clay in the removal of textile dyes** Nükte Topraksever*, Abdulkerim Güneş, Burak Karakoç, Cem Eren Çalışkan
4	**323 – Green synthesis and optimization of silver nanoparticles using *Ocimum basilicum* L. leaf extract** Nükte Topraksever, Bensu Kanbur, Berca Yavuz, Betül Dogan, Yaren Nur Karagöl
5	**17 – Rhodanine–quinoline functionalized chitosan: Synthesis, characterization, and biological activity** Arif Mermer*
6	**19 – Synthesis, characterization, and antibacterial activity of methoxybenzaldehyde-modified chitosan Schiff base derivatives** Arif Mermer*
7	**202 – Development of a method using synthesized 2-phenoxyethanol (2FE) to address the elastane problem in textile products intended for recycling** Aysu Balıkçı*, Ayşe Cengiz, Gökhan Ceyhan, Onur Balcı
8	**130 – Process development for the use of ozonide as a booster (accelerator) in denim washing** Esra Tabaş Asiltürk*, Onur Balcı, Gökhan Ceyhan, Abdulkadir Aydın
9	**297 – Functionalization of technical woven fabrics using different textile auxiliaries and investigation of their performance** Aylin Kuşen*, Dilara Sevindik, Onur Balcı, Neslihan Okyay, Eda Çorapçı, Sergül Kaplan
Discussion	

Session 4.2 / 15:00 – 16:30	**Session Chair : Assoc. Prof. Dr. Onur Tosun**
1	**22 – Microsporidia enfeksiyonunun ekolojik değeri konağa mı bağlıdır? Yararlı böceklerde patojen, zararlılarda potansiyel biyolojik mücadele ajanı** Onur Tosun*, Çağrı Bekircan
2	**204 – Effects of ovarian storage temperature on bovine oocyte maturation and viability** Selin Yağcıoğlu*
3	**218 – Farklı deneysel yara modellerinde doğal ürünlerin farmakolojik etkilerinin değerlendirilmesi** Murat Çelebi*
4	**309 – Düşük doz Symphiome ve yüksek doz Balancius içerikli beslenmemin, kanatlı ileum dokusunun histolojik organizasyonu üzerine etkileri** Esra Şen Yıldırım*, Ender Deniz Asmaz
5	**357 – Üç boyutlu rekonstrüksiyon ve dijital kumpas yoluyla kurt (*Canis lupus*) cranium'unun morfometrik ölçümleri** Ali Berat Mehteroğlu*, Sema Özkadif, Ayşe Halıgür
6	**363 – Adana bölgesi Akkaraman koyununda sinüs interdigitalis'e anatomik bakış** Ali Berat Mehteroğlu*, Ayşe Halıgür, Sema Özkadif
7	**125 – *Corylus avellana* yeşil kabuk ekstraktının *Drosophila melanogaster*'de oksidatif durum üzerine etkilerinin incelenmesi** Aleyna Yılmaz*, Serpil Barın, Deniz Altun Çolak
8	**347 – Inter-cage variability in environmental microbial loads of conventionally housed rats: A culture-based assessment of bedding and cage surfaces** Burcu Ekim*, Sema Yiyit Doğan
Discussion	

Session 4.3 / 15:00 – 16:30	Session Chair : Prof. Dr. Tamer Akkan
1	**217 – Forecasting seawater temperature for coastal ecosystem monitoring: Machine learning versus damped anomaly persistence in Mersin Bay** Buse Eraslan Akkan
2	**228 – Seasonal thermal structure and long-term variability of sea water temperature on the Tekirdağ coast of the Sea of Marmara: Hydrobiological implications (2007–2022)** Duygu Odabaş Alver*
3	**229 – Seasonal characterisation of sea surface temperature and diurnal thermal range analysis at the Marmaris-İnceburun coastal station: A hydrobiology perspective** Selda Palabıyık
4	**239 – Controlling future-information leakage in daily seawater temperature forecasting: A multi-horizon model comparison** Hakan Işık
5	**184 – Can agricultural pesticide contamination of freshwater sources pose a risk to egg incubation and early production stages in rainbow trout (*Oncorhynchus mykiss*) aquaculture?** Serhat Engin, Sertan Koşan*
Discussion	

ORAL PRESENTATIONS		
20 October 2026	**SESSION 5**	**Time 09:00 – 10:30**

Session 5.1 /09:00 – 10:30	**Session Chair : Assoc. Prof. Dr. İsmet Burcu Türkyılmaz Mutlu**
1	**168 – Vitamin U attenuates amiodarone-induced oxidative damage in rat testis** Ziba Isgandarli, Ismet Burcu Turkyilmaz Mutlu*, Refiye Yanardag
2	**136 – Phytochemical composition and antioxidant activity of the hull and endocarp of *Pistacia vera* L. fruits** Neslihan Çakmak, Zehra Tekin*
3	**21 – Production and characterization of boric acid-containing silk fibroin nanofibers by electrospinning for wound dressing applications** Seren Ede Pazarbaşı*, Tuğba Tunalı Akbay
4	**24 – Tryptophan–kynurenine pathway in migraine: Pathophysiological significance, clinical relevance, and biomarker potential** Süeda Uçar Sert*
5	**276 – Molecular dynamics analysis of a mini-peptide targeting amyloid-β (1–42) aggregation: Experimental validation by Thioflavin T fluorescence assay and fluorescence microscopy** Şevval Elifnaz Köse*, Sema Zabcı
6	**58 – *Myrtus communis* leaf extract modulates oxidative stress in the pancreatic tissue of postmenopausal diabetic rats** Sinem Suna*, Eda Dagsuyu, Beril Kadioglu Yaman, Ali Sen, Goksel Sener, Refiye Yanardag
7	**90 – Cytotoxic effects of a dinuclear iridium(III) complex on A2780 ovarian cancer cells** Serdar Batıkan Kavukcu*
8	**134 – Artichoke extract mitigates bisphenol A-induced oxidative stress and enzymatic alterations in rat spleen** Ahmet Kagnici*, Bertan Boran Bayrak, Ali Sen, Goksel Sener, Refiye Yanardag
Discussion	
Break (10:30 – 11:00)	

Session 5.2 / 09:00 – 10:45	**Session Chair : Assist. Prof. Dr. Gamze Özgül Artuç**
1	**39 – Synthesis, characterization, and Job plot investigation of the complexation behavior of a hydrazone compound derived from isonicotinic hydrazide and salicylaldehyde toward metal ions** Şadiye KOCA*, Azra ERCAN, Gamze ÖZGÜL ARTUÇ
2	**57 – Efficient synthesis of 1,2,3-triazoles catalysed by copper-doped titanate nanotubes** Samira Hamza Reguig*, Sarah Zeghada, Ghenia Bentabed-Ababsa, Florence Monjin
3	**135 – 3-Alkil/aril-4-(3-benzoiloksi-4-metoksi) benzilidenamino-4,5-dihidro-1H-1,2,4-triazol-5-on türevlerinin antibakteriyal ve antifungal aktivitelerinin incelenmesi** Önder ALBAYRAK*, Gül ÖZDEMİR TORAMAN, Fevzi AYTEMİZ, Sevda MANAP
4	**200 – Synthesis of 2-(4-methoxybenzoyl)-N-phenethylhydrazine-1-carbothioamide compound and investigation of its experimental and theoretical spectra** Esra Tok*, Murat Genç
5	**201 – Evaluation of the potential of a newly synthesized 2-(4-methoxybenzoyl)-N-phenethylhydrazine-1-carbothioamide compound for pancreatic cancer using electronic and reactivity analyses, molecular docking, and ADME approaches** Esra Tok*, Murat Genç
6	**270 – Integrated DFT, ADME, and molecular docking analysis of tricyclic activators targeting human STING** Selma AKDENİZ*, Nazmiye Sabancı
7	**242 – Design, synthesis, characterization, and cytotoxicity assessment of thiazole–chalcone hybrid compounds** Aysegül Nazlı Özcan*, Esra Bulut Atalay, İbrahim Topçu, Meliha Burcu Gürdere, Oguz Özbek, Mustafa Ceylan
8	**244 – Synthesis of thiazole–hydrazone–butyl lactone hybrids and their effects on proinflammatory protein release in granulosa cells** Aysegül Nazlı Özcan*, Meliha Burcu Gürdere, Caglar Berkel, Oguz Özbek, Sukran Yagmur Avcioglu
9	**306 – Synthesis, spectroscopic characterization, and evaluation of the antimicrobial activity of a novel 1,3,4-thiadiazole derivative containing a 3-nitrophenacyl group** Navruz Sarı, Cennet Akgül*, Hadice Küçükbekmez, Şule İpek, Erdoğan Güneş, Ayşen Işık
Discussion	
Break (10:45 – 11:00)	

Session 5.3 / 09:00 – 10:30	Session Chair : Assoc. Prof. Dr. Tuğba Arıkan
1	**18 – Design, synthesis, spectroscopic characterization and antimicrobial activity of fluoroquinolone-based oxadiazole derivatives** Yıldız UYGUN CEBECİ*, Özge ÖZŞEN BATUR, Soner KIZIL
2	**30 – Synthesis, characterization, and cholinesterase inhibition activities of a 2-(1H-pyrrol-1-yl)benzenamine-derived Schiff base and their Si/Zn phthalocyanine derivatives with potential anti-Alzheimer's activity** Ayşe Aktaş Kamiloğlu*, Tayfun Arslan, Halit Kantekin
3	**40 – Timol içeren periferal tetrasübstitüe Zn(II), Co(II) ve Cu(II) ftalosiyanin komplekslerinin sentezi ve karakterizasyonu** Ayşe Aktaş Kamiloğlu*
4	**54 – Effects of PFI mill refining on the drainability and strength properties of virgin kraft pulp and recycled-fibre furnishes: A preliminary study** Ebrar YOLDAŞ*, Sedat Ondaral
5	**88 – Nuclear magnetic resonance of some uranium(IV) complexes** Waleed A. Mahmoud
6	**296 – A quinoline–triazole functionalized cyclophosphazene platform for potential metal-ion recognition** Semiha Yıldırım Sarıkaya*
7	**313 – Synthesis, characterization, and DNA-binding studies of a nickel(II) complex with an S-methyl isothiosemicarbazone ligand** Elif Avcu Altıparmak*, Tülay Bal Demirci
8	**277 – Removal of lead(II) ions from aqueous solutions using sepiolite** Tuğba Arıkan
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
20 October 2026	**SESSION 6**	**Time 11:00 – 12:30**

Session 6.1 /11:00 – 12:30	**Session Chair : Assoc. Prof. Dr. Enis Macit**
1	**32 – Dihydrolipoic acid mitigates bisphenol A-induced oxidative and inflammatory injury in A549 cells** Sonia Sanajou*, Enis Macit
2	**45 – Effects of dietary turmeric extract on developmental traits in *Drosophila melanogaster*** Emel Atlı
3	**63 – Flonicamid maruziyetinin zebra balığı gonadları üzerindeki histopatolojik etkileri** Nesli Gül ÜNAL, Rümeysa LALE, Cansu AKBULUT
4	**67 – Novaluronun zebra balığı (*Danio rerio*) gelişiminde toksisitesi ve hücre ölümüne olan etkileri** Sena Nur Bozkurt*, Cansu Akbulut
5	**72 – JWH-018, JWH-073 ve JWH-019'un nitel optimizasyonu ve karşılaştırmalı LC–MS/MS ile karakterizasyonu** Enis Macit*, Sonia Sanajou, Serdar Çetinkaya
6	**95 – Cytotoxic potential of carbidopa in hypothalamic GnRH neuronal cells: A dose–response analysis in GT1-7 cells** Burak BİRCAN
7	**344 – The impact of chrysin on sperm motility: Molecular mechanisms and signaling pathways** Elif Gelenli Dolanbay*
8	**362 – Ferroptosis and ovarian aging: The interplay between iron metabolism, lipid peroxidation, and cellular senescence** Elif Gelenli Dolanbay
Discussion	
Break (12:30 - 13:00)	

Session 6.2 / 11:00 – 12:30	**Session Chair : Assoc. Prof. Dr. Sena Bakır**
1	**295 – A conceptual review of the compliance-cognition disconnect in European Union food law and consumer safety literacy** Luana Harizaj*, Klodiola Dhamo, Rozana Troja
2	**338 – Evaluation of nutritional quality and sensory properties of crackers prepared using different wheat flours enriched with Kozan orange flavedo powder** Fatmagül HAMZAOĞLU, Sümeyya AKKOCA
3	**348 – Development of a gluten-free snack product with geographically indicated Tosya rice** Melisa BOLAT, Sena BAKIR
4	**353 – Development and sensory evaluation of a gluten-free tart using pumpkin** Hayrunnisa TOPAL, Sena BAKIR
5	**311 – Ultrasound-assisted extraction of phenolic compounds from rose petals using deep eutectic solvents: Antioxidant capacity and HPLC profiling** Özge DEMİR
6	**182 – Investigation of the effects of humic and fulvic acids used as dietary supplements on obesity and gastric cancer** Nur Sema TEMELLİ TAŞ*, İrfan ÇAPAN
7	**206 – Investigation of the antidiabetic properties of humic and fulvic acids used as dietary supplements** Deniz SARIKAYA*, İrfan ÇAPAN
8	**264 – Yulaf (*Avena sativa* L.) β-glukanının LDL kolesterol üzerindeki etkisi: Gıda işleme ve ürün formunun rolü** Abdullah AKBULUT*, Abdulvahit SAYASLAN, Muhammet DOĞAN
Discussion	
Break (12:30 - 13:00)	

Session 6.3 / 11:00 – 12:30	Session Chair : Assist. Prof. Dr. Pelin Ertürk Arı
1	**286 – Levels of volatile organic compounds (VOCs) in a university classroom in Bolu during the summer break: Indoor/outdoor relationships, infiltration and possible sources** Pelin Ertürk Arı*, Eftade O. Gaga, Akif Arı
2	**192 – Net gains mask spatial redistribution of climatic suitability for *Convolvulus galaticus* in Türkiye under climate change** Beste Gizem ÖZBEY
3	**55 – Ciprofloxacin removal from aqueous solutions onto plane tree (*Platanus orientalis* L.) fruits by adsorption method** Neşe Öztürk*, Tuana Baysal
4	**82 – Investigation of the total oxidation of methane over novel CuO-based catalysts supported CeO_2-ZrO_2** Elif SANCAR UZUNOGLU, Filiz BALIKÇI DEREKAYA
5	**155 – Preparation and structural characterization of green-synthesized nanoparticles using oleaster (*Elaeagnus angustifolia*) seed extract** Emrah AKGEYİK*, Aytül UZUN AKGEYİK
6	**156 – Green synthesis and characterization of magnetite (Fe_3O_4) nanoparticles using *Ornithogalum umbellatum* extract** Aytül UZUN AKGEYİK, Emrah AKGEYİK*
7	**44 – Dye removal from wastewater using chitosan composite beads and phytotoxicity performance** Seda ÇINAR
8	**331 – Regional deviation analysis of cubic equations of state using normalized regional coordinates** Demir Özdemir
Discussion	
Break (12:30 - 13:00)	

ORAL PRESENTATIONS		
20 October 2026	**SESSION 7**	**Time 13:00 – 14:30**
Session 7.1 /13:00 – 14:30	**Session Chair : Assist. Prof. Dr. Reyhan Zeynep Gündoğdu Özdemir**	

1	**268 – Phyto-mediated synthesis of cupric oxide nanoparticles using *Heracleum pastinacifolium* extract and radical scavenging performance** Nuri Güleşci
2	**283 – Development and characterization of a β-(1,3)-(1,6)-glucan microemulsion as a potential vaccine adjuvant** Simge Ufacık Çelenk, Ercüment Karasulu
3	**319 – Development of sericite/PVA/boric acid-based functional composite materials and investigation of their thermal-acoustic properties** Hande Yaren Kahraman*, Emre Karaduman, Mehmet Burçin Pişkin
4	**377 – Evaluation of the antioxidant, antibacterial, and wound healing potential of *Boswellia serrata* resin extract** Reyhan Zeynep Gündoğdu Özdemir*
5	**128 – Development and optimization of a decellularized ECM-based electroactive hybrid bioink for 3D cardiac patch fabrication** Ayşenur Atak*, Ayşen Güngör, Ayça Bal Öztürk, İlke Gürol, Banu Mansuroğlu, Alime Sarıkaya, Deniz Ceylan, Yüksel Çetin*
Discussion	
Break (14:30 - 15:00)	

Session 7.2 / 13:00 – 14:30	**Session Chair : Assist. Prof. Dr. Fatma Şeker**
1	**81 – Mardin ilinde yayılış gösteren *Scorzonera* L. cinsi üzerine derleme** Nevzet Taş*, Murat Kılıç
2	**87 – Mardin flora çeşitliliğinde *Muscari* cinsi: Biyo-sistematik bir yaklaşım** Ömer Oktaş, Fatma Mungan Kılıç
3	**356 – *Campanula stricta var. alidagensis* Damboldt türünün mikroçoğaltımı** Pınar Kaya*, Fahriye Öcal Özdamar*
4	**70 – Antioxidant defense and nutrient acquisition as indicators of improved salinity tolerance in tomato inoculated with *Trichoderma asperellum* and arbuscular mycorrhizal fungi** Abeer Hashem, Fadime Karabulut*, Elsayed Fathi Abd_Allah
5	**187 – Molecular evidence of nickel stress in *Ludwigia repens*: An ISSR-based study** Bedriye Nazli Erkencioglu*, Hulya Yazicioglu
6	**379 – Rize ilinde yayılış gösteren *Allium* L. (Amaryllidaceae) cinsinin florası** Fatma Şeker
7	**265 – Differential effects of usnic and lobaric acids on the growth and biomass of chia (*Salvia hispanica* L.) microgreens** Suveybe Rana Eskicorapci*, Bugrahan Emsen*, Muhammet Dogan
8	**266 – Evaluation of the effects of different extraction solvents on total phenolic, flavonoid content, and antioxidant activity of *Peganum harmala* L.** Şeyda Şahin*, Muhammet Dogan, Bugrahan Emsen
Discussion	
Break (14:30 - 15:00)	

Session 7.3 / 13:00 – 14:30	Session Chair : Prof. Dr. Daniela Giannetto
1	**74 – Thermal performance across an ecological boundary: Initial evidence on locomotor capacity in lizard species of the Mediterranean-Eurasian transition zone** Turan Meriç Çelebi, Tuana Kınay*, Azra Topal, Çiçek Aydın, Yağmur Ceylan, Ahmet Kerem Balıkçı, Hacı Osman Doğan, Muammer Kurnaz, Mehmet Kürşat Şahin
2	**132 – Assessing bycatch of European eel fyke net fishery in Lake Bafa (Western Anatolia): Species composition, abundance, and ecological implication** Mehmet Cilbiz, Habi Uğur Koca, Salim Serkan Güçlü
3	**171 – Salinity effects on blue crab predatory performance persist across seasons** Manuele Massimino, Paride Balzani, Oumayma Chkili, Ümit Acar, Sercan Yapici, Fatemeh Zarei, Ceyda Nur Erdoğan, Mülkibar Çiftçioglu, Narimene Belkraouane, Ali Serhan Tarkan, Guillaume Marchessaux, Daniela Giannetto*
4	**172 – Feeding ecology and invasion risk assessment of the dwarf pufferfish *Torquigener hypselogeneion* (Bleeker, 1852) in Gökova Bay** Yaren Fulya Kaplan, Sevan Ağdamar, Daniela Giannetto
5	**62 – Air quality changes during the 2021 Manavgat wildfire, Türkiye: An integrated analysis of ground-based, satellite, and meteorological observations** Hilal Arslan*
6	**73 – Ambient temperature and respiratory and cardiovascular outpatient visits in Antalya, Türkiye: A time-series analysis** Hilal Arslan*
7	**13 – Nuclear gene genealogy of the Near Eastern fire salamander (*Salamandra infraimmaculata*, Martens, 1845) in Anatolia** Nisa Belinda Büyüktaş*, Çiğdem Akın Pekşen, Mehmet Zülfü Yıldız
8	**38 – Geographical distribution and site characteristics of economically important salep orchids in Kahramanmaraş province** Nisa Nur Belge*, Emre Babur
Discussion	
Break (14:30 - 15:00)	

ORAL PRESENTATIONS		
20 October 2026	**SESSION 8**	**Time 15:00 – 16:30**

Session 8.1 /15:00 – 16:30	**Session Chair : Assoc. Prof. Dr. Muhammet Dogan**
1	**8 – The evolving role of advanced MRI techniques in temporomandibular joint assessment** Gerta Halilaj*, Gentian Stroni, Nebi Cemeta, Roland Hasa
2	**10 – Persistent clicking and jaw locking in an adolescent: Bilateral disc displacement with reduction on MRI** Gerta Halilaj*, Gentian Stroni, Haxhere Fida, Semi Malo, Entela Qose
3	**14 – Comparative evaluation of the anticancer effects of *Camellia sinensis* L. extract on healthy and neoplastic human prostate cells** Hidayet Çoban, Yağmur Doğanlar, Yalçın Erzurumlu*
4	**79 – Atorvastatin beyond cholesterol lowering: Cell viability and DNA damage responses in glioblastoma and neuroblastoma cells** Samet Oz*, Guldeniz Sekerci
5	**85 – Disease-independent characterization of the predicted molecular target landscape of marbofloxacin: Functional enrichment and network pharmacology analysis** Mervenur Yavuz, Firli Rahmah Primula Dewi, Turan Demircan*
6	**114 – Cytotoxic and genotoxic effects of avanafil in N2a neuroblastoma and U87-MG glioblastoma cells** Furkan Yüksel*, Leyla Beytur
7	**107 – Simultaneous determination of sildenafil and quercetin by HPLC-DAD method** Leyla Beba Pozharani*, E. Vildan Burgaz
8	**111 – Formulation of quercetin-loaded CMC-based emulgel and evaluation of cytotoxic effects on HuH-7 hepatocellular carcinoma cells** Leyla Beba Pozharani*, İmge Kunter
Discussion	

Session 8.2 / 15:00 – 16:45	**Session Chair : Assist. Prof. Dr. Zeynep Güngör**
1	**188 – Novel copper-based nanoflowers with antibacterial activity against resistant bacteria** Mehmet Erşatır*
2	**251 – Development and characterisation of thymoquinone-loaded PLGA nanoparticles for autoimmune disease applications** Nadin Mangioğlu, Deniz Cansen Kahraman, Nazar İleri Ercan*
3	**310 – Comparative evaluation of in situ and ex situ approaches for the incorporation of silver nanoparticles into hydrogels** Zeynep Gungor*
4	**314 – Tuning fiber diameter and structure of electrospun polyacrylonitrile (PAN) nanofibers via iron nitrate incorporation** Mutlu Nuri Saymalı, Yaser Açıkbaş*, Atike İnce Yardımcı
5	**359 – Green-synthesized silver nanoparticles from *Olea europaea* leaf extract: Optimization of synthesis conditions and evaluation of physicochemical, antioxidant and antimicrobial properties** Kader Kelle*, Emre Erden Kopar, Nurdan Pazarlıoğlu
6	**317 – Synthesis of nanoparticles using natural products** Ramazan Erenler
7	**108 – Development and investigation of bimetallic SERS nanotags for the lateral flow immunoassay of reproductive hormones** Kseniya V. Serebrennikova*, Nadezhda S. Komova, Anatoly V. Zherdev, Boris B. Dzantiev
8	**278 – Photocatalytic H_2 production from $Cu_xCd_{1-x}S$-based nanocomposites** Kader Çalışkan*, Nuray Güy, Keziban Atacan
9	**374 – Development and hair care efficacy of upcycled liposomal wheat germ extract** Pınar Karacabey*, Rükan Genç Altürk
Discussion	

Session 8.3 / 15:00 – 16:00		Session Chair : Assist. Prof. Dr. Çağdaş Dağ
1	**76 – Whole-exome sequencing analysis in a patient with Klinefelter syndrome associated with a complex clinical phenotype** Saadet Busra Aksoyer Sezgin*, Kubra Cigdem Pekkoc Uyanik, Reha Gokalp	
2	**96 – Transcription analysis and expression kinetics of Amsacta moorei entomopoxvirus AMV186 gene** Emine Berra Kum, İkra Özkan, Cihan İnan*	
3	**369 – COVID-19'da bazı genetik polimorfizmlerin koagülopati üzerine etkilerinin değerlendirilmesi** Turgut Kaya, Züleyha Yıldız Yümsek, Eda Macit Aydın, Gökçe Güven Açık, Aysun Hacısevki*	
4	**378 – SAXS-based structural characterization of interferon-stimulated gene 15 dimerization in solution** Çağdaş Dağ	
Discussion		

POSTER PRESENTATIONS 1	20 October 2026
POSTER SESSION 1.1	**Time 11:00 – 12:30**

1	**59 – Hepatoprotective effects of aqueous chard extract against valproic acid-induced oxidative stress in rats** Gorkem Erdonmez*, Refiye Yanardag, Sevim Tunali
2	**60 – Evaluation of the protective effects of aqueous chard extract against valproic acid-induced pulmonary oxidative damage** Nubar Jalalova*, Refiye Yanardag, Sevim Tunali
3	**36 – Comparative investigation of Cu- and Ni-based metal-organic frameworks synthesized by different methods for methane adsorption** Özge Karadaş*, Filiz Derekaya
4	**121 – Mikotoksinlerin tespit edilmesinde biyosensörlerin kullanımı** Nurdan Özdemirli, Senem Kamiloğlu
5	**151 – Biodegradation of a reactive dye using algae** Murat Kılıç*, Gülay Bayramoğlu
6	**153 – Preparation and characterization of a new biocompatible hydrogel for controlled release of an anticancer drug** Duygu Atmaca Korkmaz, Gülay Bayramoğlu
7	**137 – Phytochemical content and bioactive potential of sumac (*Rhus coriaria* L.) fruit** Zeynep Şahin, Zehra Tekin*
8	**175 – Investigation of the effect of the dielectric constant of the medium on the formation of uniaxial and biaxial lyotropic nematic phases** Şükriye İlayda Göksu*, Erol Akpınar
9	**180 – Synthesis and characterization of chondroitin sulfate-based polyether structures as doxorubicin release systems** Nidanur Demirkan*, Ayşe Şebnem Erenler, Süleyman Köytepe
10	**254 – Total phenolic content and antioxidant activity of Albanian honeys** Fatjon Hoxha*, Kastriot Korro, Elona Shahu, Tomislav Tosti
11	**302 – Evaluation of antioxidant activity and phenolic content of corn silk (*Stigma maydis*) extracts prepared by different extraction methods** Gurbet Ayık, Buse Altın, Onur Ertik*
12	**304 – Comparative phytochemical and antioxidant analysis of *Plantago major* Soxhlet extracts** Buse Altın, Onur Ertik*
Discussion	

ORAL PRESENTATIONS		
21 October 2026	**SESSION 9**	**Time 09:00 – 10:30**

Session 9.1 /09:00 – 10:30	**Session Chair : Assist. Prof. Dr. Umut Çelikoğlu**
1	**280 – GC-MS metabolite profiling of sequential hexane and ethanol extracts of fenugreek (*Trigonella foenum-graecum* L.) seeds** Umut Çelikoğlu*, Vuslat Öztürk
2	**336 – Kedi ve köpeklerde böbrek fonksiyonunun biyokimyasal değerlendirilmesinde üre, kreatinin ve SDMA** Sinan Vicil*
3	**275 – Investigation of the potential of mini chaperone peptide (38–57 amino acids) derived from archaean *Tpv* HSP 14.3 to prevent amyloid β 1–42 fibrillation** Hamza Eren Tıraş*, Melike Nur Çınğı, Sema Zabcı
4	**53 – *Stachys mardinensis* (Post) R.R. Mill yaprak özütünün LC-HRMS ile fenolik profilinin aydınlatılması ve biyolojik potansiyelinin değerlendirilmesi** Merve Mungan*, Necmettin Aktepe
5	**325 – Effects of lead (Pb) and selenium (Se) applications on germination and early development parameters for two different durum wheat (*Triticum durum* sp.) varieties** Eylül Gezgin, Elif Öztetik*
6	**326 – Mavi yıldız (*Amsonia orientalis*) ekstraktlarının antioksidan aktivitesinin araştırılması** Suzan Bilaloğlu, Selin Çokdinleyen*
7	**333 – Tirzepatide research: A bibliometric analysis of global scientific trends, research hotspots, and emerging themes** Hatice Zehra Alptekin*, Elif Toku, Özlem Alptekin
8	**358 – Nanozymes in glioblastoma targeting brain barriers and reprogramming the tumor microenvironment** Elif Toku*, Serap Yalın
Discussion	
Break (10:30 – 11:00)	

Session 9.2 / 09:00 – 10:30	**Session Chair : Assoc. Prof. Dr. Turgut Sönmez**
1	**198 – Analysis of the electrochemical response of silver/porous silicon/n-type silicon Schottky diode devices under varying pH conditions** Vildan Yılmaz*, Melih Beşir Arvas, Süreyya Aydın Yüksel
2	**232 – Optimization of solvent type and ratio for the electrochemical analysis of telmisartan** Gökçe Öztürk*, İrem Gökgöz
3	**370 – Nitrogen and phosphorus co-doped reduced graphene oxide as a metal-free electrocatalyst for the oxygen reduction reaction in alkaline media** Riccardo Argurio, Turgut Sönmez*
4	**75 – Trimetallic Ni–Fe–Co oxide nanoflower-like catalyst for efficient methane oxidation** Mürüvvet Begüm Özen*, Emrah Köse , Filiz Derekaya
5	**77 – BODIPY-sensitized g-C_3N_4 photocatalyst for visible-light-driven hydrogen evolution** Hilal Şahin*, Naime Eyitürk, Sermet Koyuncu, İmren Hatay Patır, Baybars Köksoy, Gizem Yıldız
6	**100 – Propylene production with energy efficiency systems and new catalyst technologies** Altay Usta*, Merve Çelik, Birce Karaman, Nuray Oktar
7	**257 – Investigation of the catalytic effects of red mud and nickel-impregnated forms on the supercritical water gasification of sunflower stalk** Nijat Tarverdiyev*, Nihal Cengiz
Discussion	
Break (10:30 – 11:00)	

Session 9.3 / 09:00 – 10:30	Session Chair : Assist. Prof. Dr. Pelin Şenel
1	**33 – Development of a formic acid-doped polypyrrole/pencil graphite electrode for sensitive electrochemical determination of paracetamol in pharmaceutical and biological samples** Asma Behnoud*, Nilüfer Koçyiğit, Sabriye Perçin Özkorucuklu, Osman Eksik, Melih Beşir Arvas
2	**334 – A detailed study on the analytical methods, phenolic components, and biological activities of Turkish fir (*Abies* Mill.) taxa** Beyza Nur Topal*, Gulbin Erdogan, Aysen Kurt Cucu
3	**375 – Detection of the interaction of novel flavonoid quercetin derivative with dsDNA by spectrophotometric and electrochemical methods** Pelin Şenel*
4	**103 – Farmasötik preparatlarda atorvastatin, sakubitril ve valsartanın eş zamanlı tayini için HPLC-FD yönteminin geliştirilmesi ve validasyonu** Buse Süleymanoğlu*, Gizem Tırıs
5	**115 – Waste Turkish tea-mediated gold nanoparticle-modified multi-walled carbon nanotube paste electrode for voltammetric determination of bifenazate** Ezgi Adak*
6	**150 – At kestanesi (*Aesculus hippocastanum* L.): Yaprak, meyve ve kabukların fitokimyasal içeriği ve biyolojik aktiviteleri** Şule Naz Yılmaz, Dilaycan Çam, Özge Tokul-Ölmez
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
21 October 2026	**SESSION 10**	**Time 11:00 – 12:30**

Session 10.1 /11:00 – 12:45	**Session Chair : Assoc. Prof. Dr. Başar Uymaz Tezel**
1	**91 – Evaluation of culture-dependent identification approaches and MALDI-TOF MS spectral profiling for lactic acid bacteria isolated from environmental soil sources** Mehmet Karakuş*
2	**113 – From beginning to end: The changing landscape of refugee-associated leishmaniasis in Türkiye** Mehmet Karakuş*
3	**181 – Postbiotics for controlling foodborne pathogens in poultry: From gut colonization to carcass contamination** Gülgez Gökçe Yıldız
4	**203 – Evaluation of the modulatory effect of quercetin on the growth kinetics of a *Limosilactobacillus fermentum* model under levofloxacin-induced stress** Melis Keskin Yıldız*, Betül Aydın, Esra Gökçe Gündüzer
5	**208 – Üniversite öğrencileri tarafından kullanılan rujların raf ömrü ve kullanım öyküsüne bağlı olarak değişen mikrobiyel kontaminasyon seviyelerinin analizi** Tuba İdeko, Dilara Güçlü, Kibar Erdoğan, Başar Uymaz Tezel*
6	**312 – *In vitro* activity of ultra-diluted homeopathic preparations against *Escherichia coli* and *Staphylococcus aureus*: A preliminary study in the context of antimicrobial resistance and immunomodulation** Afet Arkut, İpek Nurdan Dikmen*
7	**352 – Investigation of antimicrobial effect of scorpion venom** Ahmet İsmail Özkan, Nevin Aslan, Kemal Yüce, Veysi Ortakaya
8	**376 – Sığırlarda *E. coli* kaynaklı mastitis enfeksiyonlarında bazı virülens faktörlerinin etkileri** Behlül Yılmaz, Özlem Büyüktanır Yaş
9	**255 – Determination of sub-MIC doses of *Urtica dioica* extract and growth kinetics in a *Limosilactobacillus fermentum* model under ciprofloxacin-induced stress** Melak Falah Abdullah Abdullah, Esra Gökçe Gündüzer*, Betül Aydın
Discussion	
Break (12:45 - 13:00)	

Session 10.2 /11:00 – 12:30	**Session Chair : Assoc. Prof. Dr. Mustafa Pehlivan**
1	**169 – Pesticide residues in fruits: Monitoring, exposure, and human health risks** Kamil Mencik*, Muhittin Doğan
2	**170 – Effects of emerging contaminants on agricultural ecosystems** Kamil Mencik*, Muhittin Doğan
3	**263 – Food texture and liquid consistency in pediatric dysphagia management: Implications for swallowing safety and nutritional outcomes** Berra Binici, Yazgı Doğa Atıcı, Muhammet Dogan*
4	**267 – Growth and biomass responses of flax microgreens (*Linum usitatissimum* L.) to different sugar types and concentrations** Yazgı Doğa Atıcı, Muhammet Dogan*
5	**261 – Afidopyropen and PMMA microplastics challenge ion homeostasis in *Danio rerio*** Ozan Burhan Turker, Demet Dogan
6	**262 – Heat shock protein dynamics as indicators of pollutant-induced stress in fish** Onur Baykal, Demet Dogan
7	**360 – An ecological refuge in the Mediterranean: The presence and distribution characteristics of *Taxus baccata* L. (common yew) in the Northern Amanos Mountains** Mustafa Pehlivan*
Discussion	

Session 10.3 /11:00 – 12:45	Session Chair : Assoc. Prof. Dr. Alevcan Kaplan
1	**25 – Analysis of the semi-lethal dose using the fractional linear-quadratic model** Mürsel Şen*
2	**300 – Single-channel electrophysiology characterization of outer membrane porins from *Acinetobacter baumannii*** Aliakbar Ebrahimi, Gülçin Çetin, Cihan Darcan, Reza Didarian, Fatma Doğan Güzel*
3	**328 – Towards automated classification of OccAB1 single-channel electrophysiology events** Laila Abbas, Aliakbar Ebrahimi, Muhammed Eyup, Rasha Osman, Abdulkarim Lahmuni, Abdullah Damash, Fatma Doğan Güzel*
4	**11 – Kolinesteraz ve monoamin oksidaz inhibitörü olabilecek 4-metilpiperazin-1-il)fenil)etiliden türevlerinin sentezi, *in vitro* ve *in silico* çalışmaları** Ahmet Buğra Aksel*, Begüm Nurpelin Sağlık Özkan
5	**94 – 2-Indolinone-indole hybrids containing *N*-phenylacetamide moiety as antimicrobial agents** Merve Camcı Eren*, Müzeyyen Aydın, Nilgün L. Karalı
6	**210 – *In silico* investigation of 3-((1H-benzo[d]imidazol-2-yl)methyl)benzo[d]thiazol-2(3H)-one as a potential tubulin modulator** Mevlüt Akdağ*
7	**41 – Synthesis and investigation of the antidiabetic potential of novel thiazole-sulfonate hybrids** Tuğçe Koyuncu*, Bengü Sema Mutafoğlu, Furkan Meletli, Sevil Şenkardeş*
8	**112 – Synthesis and spectral elucidation of novel 1,2,4-triazole-bearing compounds** Elmas Rumeysa Yıldırım*, Nuray Ulusoy Güzeldemirci
9	**285 – Synthesis and antibacterial screening of new chalcone derivatives against *Staphylococcus aureus*** Hasan Erdinç Sellitepe*
Discussion	

Session 10.4 /11:00 – 12:30	Session Chair : Prof. Dr. Mustafa Sevindik
1	**350 – Aquatic plants as natural biofilters for the removal of pollutants from aquatic environments** Mustafa Tamer Uzun*, Mustafa Sevindik
2	**351 – Nutritional value and food utilization potential of aquatic plants** Mustafa Tamer Uzun*
3	**258 – Tissue-level response variability in aquatic toxicology: Comparative insights** Firas Muhammed, Demet Dogan
4	**260 – Joint toxicity of PFOS and nanoplastics: Potentiated oxidative damage in juvenile *Oncorhynchus mykiss*** Firas Muhammed, Demet Dogan
5	**162 – Biology, ecology, and phytochemical potential of *Nasturtium officinale*** Beyza Yıldırım*, Muhittin Doğan
6	**163 – Environmental and biotechnological potential of *Lemna* spp. as multifunctional aquatic plants** Beyza Yıldırım*, Muhittin Doğan
7	**185 – Effects of CuO nanoparticles and PMMA microplastics on phenolic content in *Ceratophyllum demersum*** Ceren Tanrıöver*, Muhittin Doğan
8	**186 – Effects of PFAS on aquatic macrophytes** Ceren Tanrıöver*, Muhittin Doğan
Discussion	

POSTER PRESENTATIONS 2	21 October 2026
POSTER SESSION 2.1	**Time 11:00 – 12:30**

1	**355- Development of a functional wound dressing to support wound healing** Selma Şimşek, Furkan Şahin, Serap Acar*
2	**205 – Investigation of wear, abrasion, and degradation levels of acrylate-type polymeric bio-implants in bacterial infections** Zerrin Toktaş*, Hüseyin Kahraman, Gökhan Kürçe, Süleyman Köytepe
3	**216 – Morphological characterization and biometric variation of *Satureja montana* L. in the Dajti region, Albania** Najada Kadiasi, Rea Tako, Alban Ibraliu*
4	**287 – Bridge RNA-mediated recombinases: A next-generation platform for programmable genome engineering** Burcu Özmen*
5	**288 – Molecular memory in DNA: Recording cellular events in the genome** Burcu Özmen
6	**290 – Comparative in silico profiling of molecular targets of olive-derived phenolic compounds in hepatocellular carcinoma** Gül Kahraman*
7	**298 – Network pharmacology profiling of hydroxytyrosol, oleuropein and oleocanthal in breast and colorectal cancer** Gül Kahraman
8	**340 – Cytotoxic activity of myricetin in HT-29 colon cancer cells and its aldose reductase inhibitory profile** Okan Onar*
9	**368 – A bibliometric analysis of quantum dots in cancer therapy** Hatice Zehra Alptekin*, Elif Toku, Özlem Alptekin
10	**371 – Evaluation of antibacterial-antioxidant activity and cell viability analysis of total cellular supernatants derived from *Paenibacillus larvae*** Yunus Emre Dundar*, Derya Erduğan, Mert Berkay Karaağaç, Dilek Turgut-Balık
11	**327 – Design of an aptamer-enzyme hybrid bioreceptor for the detection of dietary advanced glycation end products using biosensors: In silico and molecular dynamics modeling** Ecrin Akın
12	**93 – Geleceğin gıdası fonksiyonel yumurta: Yetiştiricilik sistemlerinin kaliteye ve biyoaktif bileşen yapısına etkisi** Ayşen Bulancak*, Mikail Baylan
Discussion	

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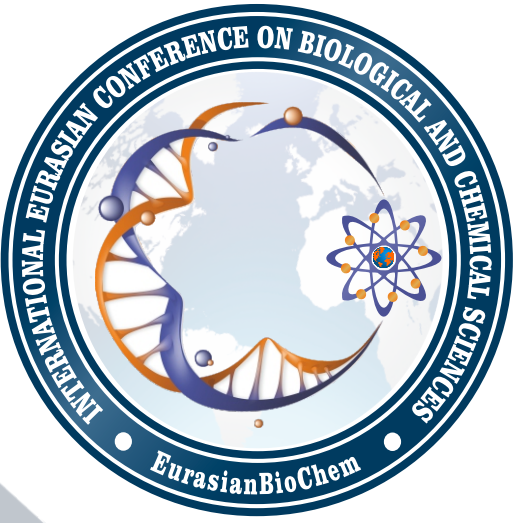

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