

**4th INTERNATIONAL EURASIAN CONFERENCE ON
BIOLOGICAL AND CHEMICAL SCIENCES**

24 - 26 November 2021
Ankara / Turkey

(EurasianBioChem 2021)

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PROGRAMME BOOK

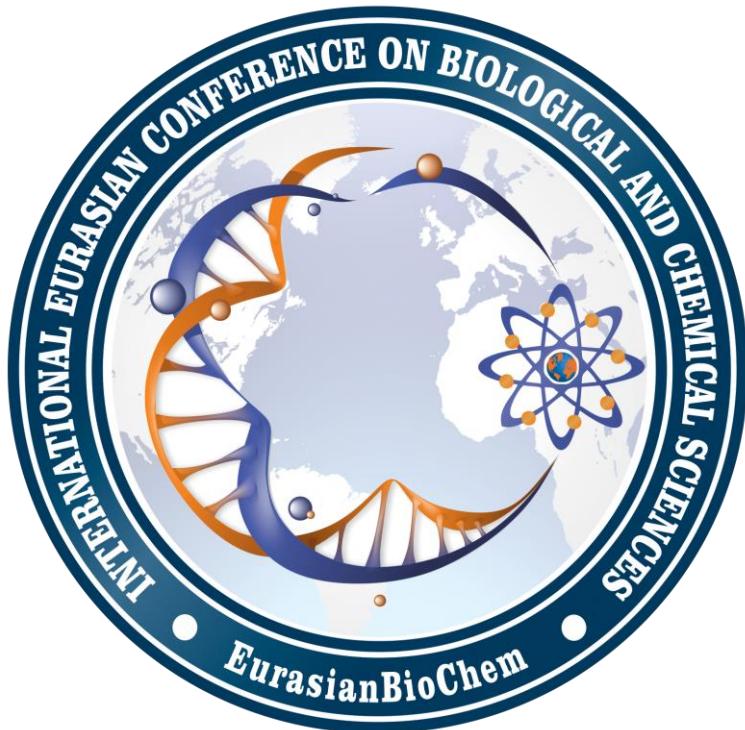
EurasianBioChem

2021

**4th International Eurasian Conference on
Biological and Chemical Sciences
(EurasianBioChem 2021)**

November 24-26, 2021
Ankara, Turkey
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PROGRAMME BOOK



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* This list is arranged in alphabetical order.

ORAL PRESENTATIONS			
24 November 2021		SESSION 1	Time 08:30 - 10:00
Session 1.1 / 08:30 - 10:00		Session Chair :	
1 436-Decolorization of Reactive Black-5 by <i>Rhodoplanes piscinae</i> 51ATA Strain Elif Canpolat*, Ayten Öztürk, Meysun I. Abdullah			
2 546-Yenebilir makromantar patojeni <i>Trichoderma</i> türlerine karşı topraktan izole edilen bazı <i>Bacillus</i> türlerinin antagonistik etkisi Elif Canpolat*, Yunus Bozkurt ,Ayten Öztürk			
3 498- <i>Salmonella</i> biofilm dispersal: an approach for biofilm control Nasrine Bekhedda, Melih Aşan, Mustafa Akçelik, Nefise Akçelik*			
4 547-Originality authentication of the Turkish domestic garlic samples by HS-GC-MS analysis of acetaldehyde, acetone, methanol, ethanol and n-propanol combined with multivariate analysis Orhan Destanoğlu*			
5 575-Determination of Neutralizing Peptides Against Sars-CoV-2 Oya Arı Uyar, Kübra Bilgiç, Şaban Tekin, Aylin Bahadır Özdemir, Bertan Koray Balcioğlu*			
6 736-The Effects of Immobilization Technique, Methyl Jasmonate Applications, and Light-Dark Culture Conditions on the Accumulation of Anthocyanins in Cell Cultures of Grapevine Zehra Babalık*, Nilgün Göktürk Baydar			
7 318-Sialik asidi taklit edebilecek stearik asit-peptid konjugatının sentezi, karakterizasyonu ve sitotoksik etkinliğinin değerlendirilmesi Tayfun Acar*			
Discussion			
Break (10:00 - 10:30)			
Session 1.2 / 08:30 - 10:00		Session Chair : Kimya-Kimya müh 1	
1 577-Obtaining of Some Pyridine Derivative 1,3,4-Thiadiazole Compounds and Investigation of Their Antibacterial Properties Aiman Emhemad Omeran Aldwib*, Nesrin Şener			
2 606-Synthesis and characterization of novel compounds derived from flurbiprofen Ecem Gökoğlan*, Ş.Güniz Küçükgüzel			
3 613-Nitrat İyonunun Destek Materyalsiz Polipirol Elektrotrotta Elektrokimyasal İndirgenmesi Doğan ÇIRMİ*, Rukan SUNA KARATEKİN, Rezan AYDIN			
4 616-Grafen oksit/kitosan sisteminin adsorbant kapasitesinin değerlendirilmesi Nilbeste BONCUKÇU*, İrem ÇOKSU, Serap DERMEN			
5 620-Co-Ni nanoalaşım ve nanopartiküllerinin yeşil sentez yöntemi ile elde edilmesi ve karakterizasyonu Emre Karaduman, Ayça Aslan, Emek Möröydor Derun, Mehmet Burçın Pişkin*			
6 651-The investigation of spectroscopic interaction between graphene oxide with thionine dye molecules in an aqueous solution Ayşe Merve ŞENOL*			
7 237-GC-MS and LC-MS Analyses of a Brown Algae <i>Cladostephus spongiosus</i> Extracts with Bioactivity Studies Gülbahar Özge Alim Toraman*, Sezen Ataso, Gülaçtı Topçu			
Discussion			
Break (10:00 - 10:30)			

Session 1.3 / 08:30 - 10:00		Session Chair :
1	808-Low-cost wastes for the production and characterization of biosurfactant by using <i>Bacillus sp.</i> strains Kaan Soyuer, Sezen Bilen Özyürek	
2	802-Adenin-Guanin DNA bazları ile modifiye edilmiş epoksi silikaların karakterizasyonu Sedef Kaptan Usul*, Ayşe Aslan	
3	329-Azol fonksiyonel gözenekli ve içi boş silika nanokompozitlerin karakterizasyonu ve antifungal uygulamaları Sedef Kaptan Usul*, Ayşe Aslan, Didem Özçimen	
4	774- Encapsulation and rheological evaluation of EPS from thermophilic <i>Anoxybacillus pushchinoensis</i> G11 Berna GENC*	
5	772-Merinos koyun yününden farklı sülfitoliz yöntemleriyle elde edilen keratinlerin karakterizasyonu Damla YALÇIN*, Ayben TOP	
6	530-Enzyme purification by three phase partitioning: A bibliometric analysis Ercan YATMAZ	
7	579-Production of Biomass and γ -Linolenic Acid Production by <i>Spirulina platensis</i> Under Different Temperature and Nitrogen Regimes Oya Irmak Şahin*, Arzu Akpinar-Bayizit	
Discussion		
Break (10:00 - 10:30)		

Session 1.4 / 08:30 - 10:00		Session Chair :
1	158-Determination and stability assessment of selected organophosphorus pesticides in simulated gastric conditions using effervescence-assisted liquid-liquid microextraction and high performance liquid chromatography Hasan Çabuk*, Cansu Alkan	
2	117-Mass transport of Eriochrome Black-T from bare and gold-coated polymer nanopore membrane Dila Kaya*, Kaan Keçeci	
3	175-Study of Thioflavin T (ThT) as a Fluorescence Probe and Amyloid Fibril Formation from Lysozyme Dila Kaya*, Pelin Güzel, Nuriye Akbay	
4	251-The analytical investigation of toxic aluminum levels in packaged foods Ece Merve Yılmaz	
5	316-İyon kromatografisi ile sütte perklorat analizi Burcu Uçar*, Gülçin Gümüş Yılmaz	
6	394-N ₂ O ₂ tipi schiff bazi ligand ve komplekslerinin sentezlenmesi, karakterizasyonu ve antikanser aktivitelerinin prostat kanser hücre hattı (PC-3) üzerinde incelenmesi Sümeyra Tuna Yıldırım, Mustafa Türkmenoğlu*, Esma Kübra Kağan Yeniçeri, Ahmet Altay	
7	416-Prussian Blue Modified Magnetite decorated MWCNT: Synthesis, characterization and its application for photo fenton degradation of Phenol Yusuf GÖGEN*, Çağrı KOÇAK, Kemal Volkan ÖZDOKUR	
Discussion		
Break (10:00 - 10:30)		

ORAL PRESENTATIONS			
24 November 2021		SESSION 2	Time 10:30 - 12:00
Session 2.1 / 10:30 - 12:00		Session Chair :	
1	429-Alpha Lipoic Acid Prevents Valproic Acid-Induced Oxidative Damage in Lens Tissues of Rats Yesim OZTAYLAN, Ismet Burcu TURKYILMAZ*, Refiye YANARDAG		
2	457-Akciğer kanserinde yeni bir biyobelirteç adayı olarak <i>ALX3</i> gen promotor hipermetilasyonunun araştırılması Elif Beyza Kartaloğlu*, Melih Öztepe, Oğuzhan Akgün, Tolga Acun, Ferda Arı, Elif Uz Yıldırım		
3	483-Evaluation of the relationship between SIRT1, miR-128-3p and autophagic flux in cancer cell lines Ebru Temiz		
4	484-Effect of coronary angiography on carnitine (amino acid) parameters Ebru Temiz*, Ismail Koyuncu, Ozgür Yüksekdağ , Mehmet Salih Aydin		
5	508-Tomentosin shows anticancer effect on U87 human glioblastoma multiforme cells İlknur Çınar Ayan, Ebru Güçlü*, Hatice Gül Dursun, Hasibe Vural		
6	536-Determining the effects on multidrug resistance proteins (MRPs) and apoptotic signaling pathways of 2-hydroxyanthraquinone substituted cyclotriphosphazenes in breast cancer (MCF-7) and colon cancer (DLD-1) cells Burak Yazgan, Seda Mesci*, Tuba Yıldırım, Nagihan Bayık, Gönül Yenilmez Çiftçi		
7	538-Linkage of Drug Resistance (ABCs) to Apoptosis in Human Cancers Seda Mesci*, Burak Yazgan, Tuba Yıldırım		
Discussion			
Break (12:00 - 12:30)			
Session 2.2 / 10:30 - 12:00		Session Chair :	
1	176-The role of colon cancer stem cells on cancer associated fibroblast transformation <i>in vitro</i> Melike ÖZGÜL-ÖNAL*, Feral ÖZTÜRK , H. Seda VATANSEVER		
2	220- Hipotiroidli ratlarda koenzim Q10'un plazma glikoz, total protein, trigliserit ve total kolestrol düzeyleri üzerindeki etkisi Ali Osman İNAN, Zafer DURGUN, Oğuzcan KOCA*, Durmuş HATİPOĞLU		
3	235- Effect of lycopene on TNF- α gene expression in high glucose-treated NRK-52E cells Ayşe Usta*, Veysel Yüksek, Sedat Çetin, Semiha Dede		
4	290- Synthesis, Molecular Modelling and <i>In Vitro</i> Antiinflammatory Activity of Novel 1,2,4-Triazolo[4,3-a]Quinoxaline Derivatives İnci Selin DOĞAN*, Bahittin KAHVECİ, Suat SARİ, Rengin REIS, Hande SIPAHI		
5	306- Effect of mesenchymal stem cells on BAX and BCL 2 genes in lung cancer cells Seval Turna, M. Burcu Irmak Yazıcıoğlu		
6	365- PC-3 prostat kanser hücrelerinde sugammadex uygulamasının apoptoza etkisi var mı? Fatma Fırat, Tuğçe Aladağ*		
7	427- <i>In vitro</i> effects of naringin on wound healing on L929 mouse fibroblast cells Seçil Karahisar Turan*, Elif Karacaoglu		
Discussion			
Break (12:00 - 12:30)			

Session 2.3 / 10:30 - 12:00		Session Chair :
1	48- Clinicopathological importance of PSA in prostate cancers Mehmet Ezer, Hatice Beşeren, Fatma Yılmaz Ertürk, Gülden Yıldız	
2	49- Pathological Classification of Colon Polyps and Polypoid Lesions Tülay Diken Allahverdi, Hatice Beşeren, Fatma Yılmaz Ertürk, Özge Kaya Korkmaz, Gülden Yıldız	
3	324- The role of SAA and LPA levels stimulated by formation herniated disc patients Kılıç Guven, Sahin İbrahim Ethem, Davran Fatih, Hacıoglu Ceyhan, Alpay Merve	
4	583- Comparison of the open inguinal varicocelectomy and subinguinal microscopic varicocelectomy techniques for male infertility Serkan Seyhan*	
5	595-Electromagnetic field application in experimental animals, A rat model Ayşe İKİNCİ KELEŞ	
6	596- Mobbing in the work area (psychological harassment) and developments in Turkey Gökhan Keleş	
7	581- Community pharmacists' knowledge on COPD treatment and attitudes towards the disease management Narin Ozturk Seyhan*	
Discussion		
Break (12:00 - 12:30)		

Session 2.4 / 10:30 - 12:00		Session Chair :
1	7- Can vitamin D levels affect the prognosis in Multiple Sclerosis? Huri Bulut*, Gulreyhan Sonuc, Sahabettin Selek	
2	97- Farklı dozlarda a, d, e ve k vitamin uygulamalarının prematüre bebekler üzerine etkisi Buse Akçay*, Derya Alkan	
3	114- COVID-19'lu Bireyler ile Normal Bireylerin Vitamin D Düzeylerinin Retrospektif Olarak Karşılaştırılması Hale Gök Dağıdır*, Zakir Osmanov, Gülislam Ağacan, Birce Eda Ercan, Neslihan Bukan	
4	189- Maternal and fetal outcome in pre-eclampsia - A study from Kosovo Lindita İbrahimi*, Myrvete Paçarada	
5	246- COVID-19 hastalarda laboratuvar bulgularının prognostik önemi Adem Keskin	
6	140- Vitamin B3 takviyesinin glutatyon döngüsü üzerine etkisi Adem Keskin	
7	629- Transkateter aortik valv implantasyonu sonrası gelişen <i>Rahnella aquatilis</i> 'e bağlı nadir bir bakteriyemi olgusu Emine Küçükates*, Ahmet Yıldız, Nevriye Gönüllü	
Discussion		
Break (12:00 - 12:30)		

ORAL PRESENTATIONS								
24 November 2021		SESSION 3	Time 12:30 - 14:00					
Session 3.1 / 12:30 - 14:00		Session Chair :						
1	224- Pathological and clinical features of drunken lamb syndrome Fatih Hatipoğlu*, Ismail Sen							
2	230- General characteristics of the tumor microenvironment and its importance in the development, metastasis, prognosis and treatment of tumors Fatih Hatipoğlu							
3	614- DGAT 1 gene polymorphism in Akkaraman sheep breed Koray Krikçi							
4	264- Heart failure due to Circulatory Disorder in Belgian Shepherd Dog Gokhan AKCAKAVAK*, Mehmet TUZCU							
5	283- Investigation of relations between casein genes polymorphism and milk component by the molecular method (PCR-RFLP) in Holstein cattle Ahmet Fatih Demirel*, Bahattin Çak							
6	304- Mycotoxin binding capacities of clays, glucomannan and their combinations in vitro Halis Oguz , Emre Bahcivan*, Teslime Erdogan, Nihat Fadime Yalcin, Ayse Ozdas, Mehmet Kursat Isik, Osman Altunbas							
7	356- Diagnosis of leptospirosis with Levaditi and immunohistochemical methods in abortion cases in ruminants in Marmara Region and comparison with histopathological findings Zeynel Arslan*, Fatih Hatipoğlu							
8	357- Pathological changes in abortion cases in some important infectious diseases in ruminants Zeynel Arslan* , Fatih Hatipoğlu							
Discussion								
Break (14:00- 14:30)								
Session 3.2 / 12:30 - 14:00		Session Chair : Veterinerlik 2						
1	473- A craniometric study of chinchilla (<i>Chinchilla lanigera</i>) on three dimensional reconstruction Sema Özkadif							
2	492- Detection of group A and C rotaviruses in dogs İlke Karayel Hacıoğlu*							
3	552- Sirkadiyen ritim genlerinden Period 3 ve Clock ile Melatonin düzeylerinin infertilite ile ilişkisi Recai Aci*, Gülay Çiftci							
4	554- Sirkadiyen ritim ve bazı hormonların infertilite ile ilişkisi Recai Aci*, Gülay Çiftci							
5	599- Tarçının ratların böbrek dokusunda mast hücre yoğunluğuna etkisinin araştırılması: deneyel bir çalışma Hülya ŞEN* , Tuğrul ERTUĞRUL*							
6	610- <i>Sambucus nigra</i> uygulanmış ratlarda dalak dokusunda mast hücrelerinin sayısal dağılımının incelenmesi Elif Tuğba ERGEL*, Tuğrul ERTUĞRUL							
7	262- Inguinal hysterocele in a Chow Chow bitch Onur BAHAN*, Ahmet GÖZER, Ece KOLDAŞ ÜRER, Ayşe Merve KÖSE, Serkan İrfan KÖSE, Tuncer KUTLU, Erhan TEK							
Discussion								
Break (14:00- 14:30)								

Session 3.3 / 12:30 - 14:00		Session Chair :
1	64- Adsorptive removal of methylene blue dye by Teff seeds Yasemin İşlek Coşkun*	
2	85- Ionic liquids for direct contact membrane distillation processes (DCMD) <u>OUCHN Rachid*</u> , CHAOUQI Youssef, CURCIO Efrem, AVCI Ahmet Halil, CHERKAOUI Omar, HLAIBI Miloudi	
3	184- The application of peroxide-assisted ozonation for color and organic carbon removal from reactive dyebath effluent Idil Arslan-Alaton*, Olga Koba Ucun	
4	223- Treatability of industrial micropollutants by sulfate radical-based advanced oxidation processes Idil Arslan-Alaton*, Bahareh Montazeri	
5	199- Removal of textile anthraquinone dye from aqueous solution: Comparison between TiO ₂ , MgO, and Cu ₂ O Photocatalysts Nazli Turkten*, Yunus Karatas	
6	201- Comparison of the effects of the support electrolytes in terms of removal efficiency which is used in the treatment of reactive orange 16 dyestuff by electrochemical oxidation using mixed metallooxide electrode and evaluation of toxic effects Elif Deliktaş*, Yusuf Yavuz	
7	202- Investigation of the effect of current density and pH on the dyestuff removal in the presence of NaCl support electrolyte by electrochemical oxidation method using Ti/Ir _{0,2} Ru _{0,8} O ₂ electrodes Elif Deliktaş*, Yusuf Yavuz	
Discussion		
Break (14:00- 14:30)		

Session 3.4 / 12:30 - 14:00		Session Chair :
1	19- Sonophotocatalytic decolorization of Rhodamine-B dye using TiO ₂ -impregnated pumice composite as catalyst Nazmiye Ebru Şen, Simge Demir, Gamze Doğu Okçu*	
2	210- Investigation on potential use of olive burning waste as a biosorbent for boron removal from geothermal water Ayşe Gamze Sevinç*, İdil Yılmaz İpek, Oğuz Bayraktar, Özgür Arar	
3	225- Petrochemical Waste Migration and Its Adverse Effects in Petro-Processors of Louisiana, Inc. (PPI) Site Secil Tutar Oksuz	
4	234- Investigation of hypoglycemic agent gliclazide adsorption from aqueous solutions Ferda Civan Çavuşoğlu	
5	257- Heavy metals accumulation in molluscs associated with <i>Cystoseira barbata</i> in the Black Sea (Turkey) Saniye Türk Çulha, <u>Fatma Rabia Karaduman</u> , Mehmet Çulha	
6	258- Electricity Generation from Tire Pyrolysis Oil Enriched with Tire Pyrolysis Gas Serkan ARSLAN, Cengiz ESMEN, Yusuf AYDIN, Ahmet KOLAT, NACİ TUNÇ	
7	287- Nanoparticles; Emerging Pollutants for the Environment Esin Gülnaz CANLI	
Discussion		
Break (14:00- 14:30)		

ORAL PRESENTATIONS					
24 November 2021		SESSION 4	Time 14:30 - 16:00		
Session 4.1 / 14:30 - 16:00		Session Chair :			
1 180- Novel <i>In-Vitro</i> Digestion Model Designed by Integration of Microbiome Associated Enzymes Merve KAPLAN, Sercan KARAV*					
2 40- Thiol Levels of Herbal Capsules Sibel Bayıl Oğuzkan, Mustafa Yaşar					
3 41- Paroxonase and Arilesterase Enzyme Activities of Herbal Capsules Sibel Bayıl Oğuzkan, Mustafa Yaşar					
4 52- The Effect of Fullerene C ₆₀ Nanoparticle on Nrf-2, NF-κB, COX-2 and p38α (MAPK) Protein Signal Pathways Against Muscle Tissue Damage Exposed by DMBA (7,12-Dimethylbenz [a] Anthracene) in Rats Seda Beyaz*, Ozlem Gok, Abdullah Aslan, Can Ali Agca, Ibrahim Hanifi Ozercan					
5 53- The Effect of Epigallocatechin-3-Gallate on Nrf-2, NF-κB, TNF-α and COX-2 Protein Signal Pathways Against Liver Tissue Damage Exposed by Cisplatin in Rats Seda Beyaz*, Ozlem Gok, Abdullah Aslan, Orhan Erman, Ibrahim Hanifi Ozercan					
6 20- Computational design of a peptide targeting homodimerization of BACH2 BTB domain using molecular dynamics and MM-PBSA studies Ahmet Can Timuçin*					
7 54-Evsel ve Endüstriyel Atıksularda Mikroalg Yetiştiriciliği ve Matematiksel Modelleme Yakup Ermurat , Arda Yalçuk , Ömer Özyurt, Gamze Doğu , Simge Demir					
Discussion					
Break (16:00 - 16:30)					
Session 4.2 / 14:30 - 16:00		Session Chair :			
1 338- Phytochemical Composition, Antioxidant, Antimicrobial Properties of Extracts from the Aerial Parts of <i>Phlomis armeniaca</i> Willd. : An endemic plant from Turkey Umut ÇELİKOĞLU, Alevcan KAPLAN*					
2 346- <i>Eucalyptus globulus</i> esansiyel yağıının farklı <i>Candida</i> türlerine karşı antifungal etkinliğinin belirlenmesi Özge Ünlü*, Tuğçe Paksoy					
3 313- Türkiye'de organik tarım ile yetiştirilen <i>Salvia officinalis</i> L. ve <i>Salvia triloba</i> L. türlerinin fitokimyasal içerikleri ve biyolojik aktiviteleri Burçin Özüpek*, Sultan Pekacar, Didem Deliorman Orhan					
4 371- Investigation of biological activities of <i>Hypericum scabrum</i> and qualitative analysis of major phytochemicals by HPLC-DAD Mizgin Ermanoğlu*, Duygu Taşkın, Turgut Taşkın, Ceyda Ekentok Atıcı, Ahmet Doğan					
5 469- Investigation of biological activities of <i>Paranchia kurdica</i> subsp. <i>kurdica</i> var. <i>kurdica</i> and analysis of major phytochemicals by HPLC-DAD Mizgin Ermanoğlu*, Duygu Taşkın, Turgut Taşkın, Erkan Rayaman, Ahmet Doğan					
6 387- Antiradical Activities And Chemical Compositions of Commercial <i>Calendula officinalis</i> L. Samples in Comparison to Pharmacopeial Drug Ezgi Ak-Sakallı*, Nesrin Öztinen, Reza Chamansara, Romina Rashidfarokhi, Müberra Koşar					
7 309- Investigation of <i>Sedum acre</i> L. extracts in terms of antioxidant effect and enzyme inhibitory activity Semih Bulut*, Hasya Nazlı Gök					
Discussion					
Break (16:00 - 16:30)					

Session 4.3 / 14:30 - 16:00		Session Chair :
1	148- Investigation of the chemical composition of essential oil of endemic <i>Centaurea antitauri</i> and <i>Centaurea stapfiana</i> from Turkey Hüseyin Servi	
2	265- Determination of phenolic content, antioxidant activity and color of syrup obtained from different types of pinecones Tuğba Midik, Nesibe Arslan Burnaz *	
3	266- Determination of total phenolic contents and antioxidant activities of <i>Robinia hispida</i> plant extracted with different solvents Betül Kara , Nesibe Arslan Burnaz *	
4	299- Süperkritik akışkan ekstraksiyonu ile bitkilerden antioksidan eldesi M. Furkan Cicerali*, Ahmed Albahnasawi, Nurullah Özdoğan, Havva Ağır, Ercan Gürbulak, Murat Eyvaz, Bayram Karakuş, Hasan Aydınlık, Ebubekir Yüksel	
5	300- Endüstriyel ölçüklü süperkritik akışkan prosesi ile karnosol ve karnosik asit eldesi M. Furkan Cicerali*, Ahmed Albahnasawi, Nurullah Özdoğan, Havva Ağır, Ercan Gürbulak, Murat Eyvaz, Bayram Karakuş, Hasan Aydınlık, Ebubekir Yüksel	
6	426- Antimicrobial and antioxidant activities of banana and watermelon peels* Samin Toupal*, Serap Coşansu	
7	358- Enrichment of anticancer activities of <i>Phlomis brevibracteata</i> Turril. on HCC cells with sub-extraction Imge Kunter, Beste Atlı*, Ezgi Ak-Sakallı, Nesrin Oztinne, Andia Babri, Muberra Kosar	
Discussion		
Break (16:00 - 16:30)		

Session 4.4 / 14:30 - 16:00		Session Chair :
1	345- Insight to the Fabrication and Characterization of Anhydride Containing Self-Healing Nanocomposite Hydrogel Nurnisa Elçin*, Hatice Kaplan Can	
2	527- Synthesis and characterization of itaconic anhydride containing copolymer/clay nanostructures Serap Kavlak*	
3	543- Fe₃O₄@κ-KRG-aşı-PDMAEMA manyetik nanopartiküllerden pH kontrollü doktorubisin salımı Gülcan Geyik*, Nuran Işıklan	
4	545- κ-Karagenan bazlı manyetik nanokürelerden pH kontrollü ilaç salımı Gülcan Geyik*, Nuran Işıklan	
5	587- Synthesis of gum arabic-based biopolymer network and determination of its toxicity properties in <i>in vitro-in vivo</i> model systems İdil Karaca Açı̄arı*, Duygu Özhan Turhan, Ali Kuruçay , Burhan Ateş , Süleyman Köytepe	
6	634- Dynamic mechanical properties of PCL biocomposites loaded with phenolic compounds for active food packaging application Mehmet Emin DİKEN, Berna KOÇER KIZILDUMAN, Serap DOĞAN, Mehmet DOĞAN	
7	710- Carbazole containing alkyl groups: synthesis, optical and electrochemical properties Fatma Çoban*, Metin AK	
8	574- Organo-hydrogels prepared from herbal oils as drug release materials and their release kinetics Tuba Ersen Dudu*, Duygu Alpaslan, Nahit Aktas	
Discussion		
Break (16:00 - 16:30)		

ORAL PRESENTATIONS			
24 November 2021		SESSION 5	Time 16:30 - 18:00
Session 5.1 / 16:30 - 18:00			Session Chair :
1	25- Biofilm prevention strategies in the food industry Hacer Aslan Canberi*, Pınar Şanlibaba*		
2	250- Inhibitory Impacts of Dill Leaf on Microbial Growth in Tuna Pate During Refrigerated Storage Elif Tuğçe AKSUN TÜMERKAN*, Bahar TOKUR, Timuçin TÜMERKAN, Fatih ÖZOĞUL		
3	263- Chia ve kinoa tohumu unlarının et ürünlerinde kullanım olanakları Fırat Kadakoğlu*, Ümrان Çiçek		
4	314- Effects of chitosan concentrations and chitosan-bi-nanocomposite coatings on internal quality of fresh table eggs Bensu Medine Coskun*, Gozde Yildirim, Muhammed Yüceer, Cengiz Caner		
5	343- Optimization of spray drying process conditions of <i>Lactabacillus plantarum</i> BG24 strain Barış Can YILDIRIM, Gökhan Gurur GÖKMEN, Duygu KİŞLA, Mehmet Yekta GÖKSUNGUR, Figen KAYMAKERTEKİN*		
6	419- Evaluation of the bioaccessibility of peanut skin polyphenols and their potential use for food enrichment Bige İnceDAYİ*, Nihal Türkmen Erol		
7	805- Ağır metallerin gıda güvenliği ve insan sağlığı açısından olası riskleri Gülcan Çınar*, Muhittin Doğan		
Discussion			
Break (18:00 - 18:30)			

Session 5.2 / 16:30 - 18:00		Session Chair :
1	588- Effect of Different Types of Fibers on Antioxidants of Strawberry Puree During <i>In Vitro</i> Gastrointestinal Digestion *Merve Tomas	
2	665- Phenolic components of baobab and tamanu kernel oil Zeliha USTUN-ARGON*, Zinar Pınar GUMUS	
3	565- Laktik asit bakterileri ile biyoaktif peptit üretimi Selma KAYACAN-ÇAKMAKOĞLU*, Osman SAĞDIÇ	
4	423- Fındık kabuğunun $ZnCl_2$ ile aktivasyonu sağlanarak aktif karbon üretilmesi Birsen Sarıcı*. Şükru Karataş, Esra Altıntığ	
5	442- Edible flowers Ceyda Dadalı*, Yeşim ELMACI	
6	211- Composite Protein Nanofibers Obtained Through Electrospinning Mustafa GÖZLER, Atike İNCE YARDIMCI, Özgür TARHAN*	
Discussion		
Break (18:00 - 18:30)		

Session 5.3 / 16:30 - 18:00		Session Chair :
1	145- Besiyeri kompozisyonunun absorbans-canlı hücre sayısı ilişkisine etkisi Gökhan Kars*, Kader Çakır, Merve Sert	
2	156- Halk sağlığı laboratuvarlarında siyanobakteri analizi ve yüzme suyu kalitesi Edibe Nurzen NAMLI BOZKURT	
3	157- Covid-19 pandemisinde genel durum ve tanı kitlerinin ürün değerlendirme işlemleri Edibe Nurzen NAMLI BOZKURT	
4	308- Metisilin Dirençli Koagülaz Negatif Stafilocokların İdentifikasiyonu ve Antimikrobiyal Direnç Profilleri Ayşegül Yılmaz*, Gültekin Çelik, Safiye Göçer, Can Türk, Şükrü Volkan Özgüven	
5	375- Topraktan polihidroksibütirat (PHB) üreten bakterilerin izolasyonu ve taraması Kadriye İNAN BEKTAŞ	
6	529- Perakende satışa sunulan kanatlı etlerinde EsβL, Amp-c, Karbapenemaz üreten E.coli. suşlarının antibiyotik direnç özelliklerinin MIC, PZR ve LAMP analizleri ile araştırılması Gülçin Güven, Sibel KIZIL	
7	648- Screening of <i>Lactobacillus gasseri</i> strains for antimicrobial peptide and antimicrobial activity testing Marwah Aljanabi, Fatma Özdemir, Mehmet Öztürk	
Discussion		
Break (18:00 - 18:30)		

Session 5.4 / 16:30 - 18:00		Session Chair :
1	654- <i>Salmonella</i> cinsinde iki bileşenli düzenleyici sistemlerin rolleri Melih Aşan, Nasrine Bekhedda, Mustafa Akçelik, Nefise Akçelik	
2	657- Detection and characterization of antimicrobial peptides of <i>Lactobacillus plantarum</i> B14 isolated from infant feces. Lina Alhakeem , Fatma Özdemir, Mehmet Öztürk	
3	674- Microorganisms isolated from lower respiratory tract samples Umut Safiye Say Coskun*	
4	130- COVID dönemi hastane dezenfeksiyonu Hamza BOZKURT*	
5	132- Hastane yöneticiliğinde legionella etkenine bakış Hamza BOZKURT*	
6	296- Bacterial Pandemic Risk in Marine Environments of Turkey- Cholera Example Samet Kalkan*	
7	11- Isolation and Molecular Identification of Polyethylene Degrading Bacteria from Soil and Degradation Detection by FTIR Analysis Morteza Haghi*, Cigdem Yilmazbas , Ayse Zeynep Uysal, Melisa Tepedelen, Gozde Turkoz Bakirci	
8	815- Isolation and Molecular Identification of Organochlorinated Pesticide Degrading Bacteria Isolated from Contaminated Soil from Menemen, Turkey Morteza Haghi*, Sevil Ozer , Senem Karakaya, Gozde Turkoz Bakirci	
Discussion		
Break (18:00 - 18:30)		

ORAL PRESENTATIONS					
24 November 2021		SESSION 6	Time 18:30 – 20:00		
Session 6.1 / 18:30 - 20:00		Session Chair :			
1 534- Biomass production of <i>Ulva c.f. flexuosa</i> with clarified saline water from a marine shrimp BFT system Gamze Turan*, Mayra S. Gonçalvez, Luis A. Ghiraldelli, Geraldo K. Fóes, Dariano Krummenauer, César S.B. Costa					
2 540- Biodegradable Plastic and Film Production from Seaweeds José Stênio Aragão, Gamze Turan*					
3 578- Production of Natural and Functional Pigments in <i>Arthospira (Spirulina) platensis</i> cultivated in Laboratory Conditions Mesude Isar, Semra Cirik, Gamze Turan*					
4 589- Production of Microalgae Species in the Laboratory Conditions and Determination of Anti-Microbial Effects of Microalgal Extracts on Pathogenic Microorganisms and Bioactive Molecules Responsible of the Effect Mesude Isar*, Selin Aktar Kiremitci, İsmail Öztürk, Edis Koru, Gözde Elgin Cebe, Pınar Akdoğan Şirin, Caner Şirin, Ulviye Karacalar, Şevket Gökpınar, Semra Cirik, Gamze Turan					
5 671- AMPK Enzyme Activity in the Aquatic Animals Semra KÜÇÜK					
6 496- Atatürk Baraj Gölü sediment ve midyelerinde poliklorlu bifenillerin karakterizasyonu ve niceliği Aysel Alkan Uçkun					
7 711- Bazı Balık Patojenleri Üzerine Ticari Kişniş Otu (<i>Coriandrum sativum</i>) Yağının Antimikroiyal Etkisinin Belirlenmesi Yusuf AKTOP*, Hasan Emre YILMAZ, İfakat Tülay ÇAĞATAY					
8 712- Bazı Ticari Yağların Balık Patojenleri Üzerine Antimikroiyal Etkisinin Belirlenmesi Yusuf AKTOP*, Hasan Emre YILMAZ, İfakat Tülay ÇAĞATAY					
Discussion					
Session 6.2 / 18:30 - 20:00		Session Chair :			
1 101- An eco-friendly approach to reduce the use of chemical fertilizers and pesticides in sustainable agriculture: Plant Growth-Promoting Rhizobacteria Ugur Azizoglu*, Jae-Ho Shin, Gholamreza Salehi Jouzani					
2 268- Effects of different sewage sludge and nitrogen doses on growth and turf quality of perennial ryegrass (<i>Lolium perenne L.</i>) Sinem Zere Taşkın*, Uğur Bilgili					
3 312- Vertical farming in Africa a solution for a sustainable agriculture : Review Migane Nimaan Abdillahi*, Mehmet Sezgin					
4 643- Effects of different nanotechnological fertilizer applications on SPAD value in <i>Fagus orientalis</i> leaves Ali Bayraktar, Fahrettin Atar*					
5 696- Orman arazisi alan ve hacim ölçümlerinde insansız hava araçlarının kullanımı Ender Buğday					
6 698- Length-Weight Relationships of Marine Species Caught by Beam Trawl from the Western Black Sea Ahmet Mutlu GÖZLER*, Hazel BAYTAŞOĞLU					
7 812- Orman-halk ilişkileri açısından afet yönetimi üzerine genel bir değerlendirme Seda Erkan Buğday*					
8 713- <i>Lathyrus undulatus</i> Boiss.'un Türkiye'de yeni bir yayılış alanı Bekir YILDIRIM*					
Discussion					

POSTER PRESENTATIONS 1		24 November 2021
POSTER SESSION 1.1		Session Chair :
		Time 18:30 - 20:00
1	340-Interleukin-6 expression as a biomarker for COVID-19 severity in Iraqi infected patients Yasir W. Issa*, Bassam Qasim Mohammad	
2	379-Production of polymer-based wound dressing material and evaluation of its biological activity Cansu GÜLCAN*, Serap DERMEN	
3	397-Comparative growth of <i>Corynebacterium glutamicum</i> ATCC 21573 and ATCC 13032 in different carbon sources and evaluation of L-tyrosine synthesis Eldin Kurpejović, Gülsüm Merve Bastem, Daniel Wibberg, Arthur Burgardt, Tobias Busche, Volker F. Wendisch, Berna Sariyar Akbulut*	
4	408-Production and biological evaluation of antigenic peptide loaded nanoparticles for vaccine application Serap DERMEN*, Ramazan MADEN*	
5	411-Effect of <i>Moringa oleifera</i> Lam. Extract on Antioxidant Markers in Muscle Tissue of Valproate Administered Rats Onur Ertik*, Umar Faruk Magaji, Ozlem Sacan, Refiye Yanardag	
6	412-Neuraminidase, Urease and Xanthine Oxidase Inhibitory Activities of Some Oxovanadium (IV) Complexes Onur Ertik*, Busra Kaya, Ferdane Danisman Kalindemirtas, Serap Erdem Kuruca, Bahri Ulkuseven, Refiye Yanardağ	
7	621-Türkiye'nin Bursa yöresinde yetistiriciliği yapılan Rosenthal çeşidi siyah frenk üzümlerinin (<i>Ribes nigrum</i>) içerişlerinin belirlenmesi ve antibakteriyel kullanımlarının değerlendirilmesi Neslihan Merve Eren, Ayça Aslan, Emre Karaduman, Deniz Uygunöz, Seçil Günay Avcı, Mehmet Burçın Pişkin*, Emek Möröydor Derun	
8	683-Edible vaccines from plants: Can it be a cure for pandemic diseases? Ayten Eroğlu	
9	685-Regeneration of some tobacco varieties from Turkey in plant tissue culture Ayten Eroğlu, Ahmet Caglar Kaya	
10	615-Fatty Liver Disease in Fish Semra KÜÇÜK	
11	39- Yüksek yağlı diyet ile beslenen ratlara <i>Lactobacillus acidophilus</i> takviyesinin serum lipit profili düzeyine etkisi Pınar Kar*, Gülay Çiftci	
12	609- Investigation of the impact of different drying methods on the physical properties and quality of Salep Buket BILGİC, Gunay BAYDAR ATAŞ, Hasan SADIKOGLU	
Discussion		

POSTER SESSION 1.2		Session Chair:	Time 18:30 – 20:00
1	261- The theoretical approach studies for flunarizine drug as safely corrosion inhibitor using DFT method Mesutcan Şahin, Nurettin Mete Kaleli, Pınar Acar Bozkurt*, Meral Yaşar, Kaan Cebesoy Emregül		
2	269- Chemically Modified Alginate-Based Biocomposites for Efficient Removal of Reactive Blue 2 Dye from Aqueous Media Selin Burcu ANGİ*, Gülay BAYRAMOĞLU		
3	271- Characterization of Polymer Coated Chitosan with Magnetite Nanoparticles for the Adsorption of Methylene Blue: Kinetics, Thermodynamics And Desorption Studies Feyza Nur KESKİN, Gülay BAYRAMOĞLU		
4	273- Design of a Core-Shell Type Aptamer-Magnetic Separation System for Pre-Concentration of microorganism Feyza Nur KESKİN, Gülay BAYRAMOĞLU		
5	393- Chemical fingerprint analysis of some <i>Centaurea</i> species by reverse phase HPLC method Beste Atlı*, Özlem Bahadir Acıkara, Müberra Kosar		
6	501- Effect of the anionic azo dye Tartrazine in lyotropic mixtures presenting uniaxial and biaxial nematic phases Merve Tabak, Nazlı UYGUR*, Erol AKPINAR		
7	502- Effect of the interactions between surfactant and drug on the formation of different lyotropic nematic phases Merve Tabak, Nazlı UYGUR*, Erol AKPINAR		
8	267- Determination of Stability Constants of Acylthiourea Derivatives Çağla Efeoğlu*, Elize Karasu, Yahya Nural*		
9	281- Synthesis and Chemosensor Properties of Bis-triazole Derivatives İrem Acar*, Çağla Efeoğlu, F. Nazlı Dinçer Kaya, Yahya Nural*		
10	573- Bioactive properties of Halhalı olive and by-products Kadir Batçıoğlu, F. zehra Küçükbay*		
11	703- Analytical methods used in the determination of antioxidant capacity of <i>origanum</i> species Elif Çatallar, Ayşen Kurt Cücü*		
12	704- Analytical studies on the antioxidant activity of rosemary (<i>Rosmarinus officinalis L.</i>) Cansu Ceran, Ayşen Kurt Cücü*		
13	705- Fenolic components of <i>Arum Maculatum L.</i> and analytical methods used in the determination of antioxidant activity Cihan Örü, Gülbün Erdoğan*		
Discussion			

ORAL PRESENTATIONS			
25 November 2021		SESSION 7	Time 08:30 - 10:00
Session 7.1 / 08:30 - 10:00		Session Chair :	
1	196-H ₂ Generation From Dimethylamine Borane in the presence of Pd(0)/CeO ₂ Nanoparticles Seda Karaboga		
2	198- Performance and mechanism of oriented processes relating to the extraction of methylene blue dye through a polymer inclusion membrane (PIM) Saâd OUKKASS*, K. Dejjare, I. Mourtah, I. Mechnou, K. Touaj, L. Lebrun, M. Hlaïbi		
3	227- Application of chiral heterocyclic compounds as catalyst Leman Alkan		
4	233- Theoretical investigation of expired drug (capecitabine) as a green corrosion inhibitor Nurettin Mete Kaleli*, Pınar Acar Bozkurt, Mesutcan Şahin, Meral Yaşar, Kaan Cebesoy Emregül		
5	437- Preparation and characterization of 2,3-pyrazinedicarboxylic acid on polyaniline-based carbon felt electrode for supercapacitor applications Sibel YAZAR AYDOĞAN*		
6	466- Preparation of Graphene Derivatives and Investigation of Their Electrochemical Sensitivity to Copper Ions Hilal İNCEBAY*, Zafer YAZICIGİL		
7	139- 2-Asetil-7-metilbenz[e]-indol molekülünün moleküler modelleme çalışmaları Serap Uzun		
Discussion			
Break (10:00 - 10:30)			

Session 7.2 / 08:30 - 10:00		Session Chair :
1	15- Insulinoma tumor model formation and possible marker determination Ayse Karatug Kacar*, Pinar Bulutay, Dilara Aylar, Mert Celikten, Sehnaz Bolkent	
2	28- Oncogenic miR-1825 promotes stemness in human laryngeal squamous cell carcinoma Omer Faruk Karatas*, Ozel Capik, Meryem Payveren, Arzu Tatar, Betul Gundogdu	
3	29- POFUT1 acts as an oncogene in human laryngeal squamous cell carcinoma Omer Faruk Karatas*, Neslisah Barlak, Nursel Demiroglu, Arzu Tatar, Betul Gundogdu	
4	46- Overexpression of HBD-2 in FaDu cell line and design of pPICZ alpha recombinant vector containing Human β defensin-2 Şeymanur Çobanoğlu *, Ayşenur Yazıcı	
5	50- Studies on Osteoarthritis, Gout and Antidepressant Effects and Chemical Active Compounds of <i>Platanus anatolius</i> versus <i>Platanus orientalis</i> İbrahim Adnan Saracoğlu* and Eda Büker	
6	86- Identification of natural molecules for anticancer activity against MDM2 using conformational dynamics and molecular docking Nigar Kantarci-Carsibasi*	
7	93- Thymoquinone and 5-fluorouracil combinational effect on cell viability and ROS production in glioblastoma cells Ergül Mutlu Altundağ*, Ayşe Tarbin Jannuzzi	
Discussion		
Break (10:00 - 10:30)		

Session 7.3 / 08:30 - 10:00		Session Chair :
1	791- Monomerik ve Multimerik Telomerik G-Quadruplex DNA Yapıları ile Galyum Ftalosiyanın Bileşiklerinin Etkileşimlerinin Dairesel Dikroizm Spektroskopisi ile Araştırılması Seren Yılmaz*, Esra Bağda , Mahmut Durmuş	
2	782- An Electrochemical Aptasensor for Methamphetamine Analysis Umut Bulut*, Gülşah Bor, Simge Balaban, Ezgi Man, Serap Evran, Suna Timur	
3	723- Kinetic characterization of inhibition of human neutrophil myeloperoxidase by organic acids Bahram SARKARATI*	
4	811-Synthesis of new pyrazoline N-glucosides Seda FANDAKLI*, Tayyibe Beyza YÜCEL, Nurettin YAYLI	
5	714- Molecular Modeling: Classification and Interest in Drug Design Beghdadi Sara El Mansouria* Hammoumi Feriel	
6	735- Biological Profile of 1,3,4-Thiadiazole and Oxazole in Medicinal Chemistry Beghdadi Sara El Mansouria*, Sellay oussama, Mousaab Ramdane.	
7		
Discussion		
Break (10:00 - 10:30)		

Session 7.4 / 08:30 - 10:00		Session Chair :
1	8- The antitumor effect of Cannabidiol in tumor-bearing DBA2 mice Sara Oufquir *, Mehdi Ait Laaradia, Fatimzahra Agouram, Majda Badaoui, Rachida Aboufatima, Zahra Sokar, Abderrahman Chait	
2	165- Cherry laurel molasses alters brain oxidative status in CCl ₄ -provoked rats Kaan Kaltalioglu	
3	590- Single-Chain Variable Fragment (scFv) Candidate to Neutralize SARS-CoV-2 Burcu Tongul Esin Bayralı , Berrak Gülcin Balaban, Melike Oyuncakçı Müge Serhatlı Şaban Tekin Bertan Koray Balcioğlu Aylin Bahadır Özdemir*	
4	601- Determination of genotoxic effects of mannitol in human lymphocytes by <i>in vitro</i> cytokinesis block micronucleus test. Ebru Eker-Kartal*, Ece Avuloglu-Yılmaz	
5	652- HCT116 hücrelerinde radyasyonun Caveolin1 gen ifadesi üzerine etkisinin incelenmesi Emre Özgür*	
6	660- Antiproliferative and Cytotoxic Effects of Cryptonin on A549 Cell Line Ayan Huseynzade*, Serap Sancar, Sehnaz Bolkent	
7	720- Influences of <i>Pistacia terebinthus L. subsp. Palaestina</i> (terebinth) and <i>Rhus coriaria L.</i> (sumac)fruits extracts on the levels of some biochemical parameters in the blood tissue of experimental breast cancer rats Figen Erdem Erişir, Hatayi Zengin*	
Discussion		
Break (10:00 - 10:30)		

ORAL PRESENTATIONS			
25 November 2021		SESSION 8	Time 10:30 - 12:00
Session 8.1 / 10:30 - 12:00		Session Chair :	
1	78- Three sporopollenin exine capsules: <i>Cupressus</i> , <i>Lycopodium</i> and <i>Juglans</i> as the carriers for drug delivery Ayse Asiye Culum*, Funda Ersoy Atalay, Seher Guler, Harun Kaya, Emel Yigit		
2	79- Natural drug delivery material candidates from pine, plane tree and pistachio pollen grains Ayse Asiye Culum*, Funda Ersoy Atalay, Nurten Kurtulus, Harun Kaya, Emel Yigit		
3	289- Antibacterial and antibiofilm activities of 1,3-bis-(2-methyl-2-propenyl) substituted benzimidazolium salts and its Ag(I)-NHC complex Uğur Tutar*, Cem Çelik		
4	424- Development and Validation of a New RP-HPLC Method for Estimation of Pramipexole Dihydrochloride in Bulk and Pharmaceutical Formulation Leyla Beba Pozharani *, E. Vildan Burgaz , Ömer Türkmen, Moein Amel		
5	525- Anti-inflammatory drugs alter biofilm production and mature biofilm levels of Gram-positive and Gram-negative bacteria İsmail Öztürk*		
6	600- Application of pharmacophore-based virtual screening for novel SIRT6 inhibitors Mahmut Gozelle*		
7	623- Effect of flufenamic acid On P2x7-activated large membrane permeability Serife CANKURTARAN-SAYAR*, Kemal SAYAR		
Discussion			
Break (12:00 - 12:30)			

Session 8.2 / 10:30 - 12:00		Session Chair :
1	453- Comparative study of the chemical composition, the antibacterial activity and the additive effect of two essential oils of Moroccan <i>Citrus aurantium</i> L.: neroli and petit-grain Maryem Bouabidi, Maroua Ait tastift, Zineb Omari , Hiroko Isoda Chemseddoha Gadhi, Hafida Bouamama	
2	471- <i>Equisetum arvense</i> (Atkuyruğu) Bitkisinin Radikal Giderme Aktivitesi Elife KAYA	
3	485- Çıntar Mantarının Bazı Fizikokimyasal Özellikleri Ve Antioksidan Kapasitesi Mehtap Çelik*, Nilgün Öncül	
4	489- Investigation of Cytotoxic Effects and Antimicrobial Activities Of Different Extracts Prepared From Naturally Grown <i>Celtis glabrata</i> Fruits in Erzincan Sevgi Altın*, Ekrem Köksal, Cemalettin ALP, Esma Kübra KAÇAN YENİÇERİ, Sümeyye AKYÜZ	
5	495- Investigation of Phenolic Composition, Antioxidant Activity and Cytotoxicity Effects of Various Extracts of <i>Achillea sintenisii</i> Sevgi Altın*, Ekrem Köksal, Cemalettin ALP, Ahmet ALTAY	
6	612- <i>Inula viscosa</i> as a potential acetylcholinesterase inhibitor in the treatment of Alzheimer's Gurbet ÇELİK TURGUT*	
7	291-Impacts of the saponins of <i>Agave americana</i> leaves on DNA integrity in <i>Allium cepa</i> root tip cells <i>in vivo</i> . Rasha kareem mohammed	
Discussion		
Break (12:00 - 12:30)		

Session 8.3 / 10:30 - 12:00		Session Chair :
1	449- BeWo ve HUVEC hücreleri ile oluşturulan plasental mikro dokuda Vortioxetin etkisinin araştırılması Selen Sanin*, Aysun Kılıç Süloğlu	
2	191- <i>Lactobacillus acidophilus</i> 'un Hepg2 Kanser Hücrelerinde Bakteriyosin Toksisitesinin MTT Yöntemi ile Değerlendirilmesi Hamed Charkhian, Arash Adamnejad Ghafour, Seref Bugra Tuncer	
3	144-Fibronektine Bağlı Ovaryum Kanser Hücrelerinde Kalpain-1/2 Enzim Aktivitesi ve Göçe Etkisi Seda Mehtap SARI KILIÇASLAN	
4	803- The effect of harmine on the relationship between NFkappaB signaling pathway and COX2/PGE2 in breast cancer Esra Buber	
5	822- Yumurtalık Kanserinde Bcl-2, P38 Ve Kaspaz-3 Ekspresyonlarının İncelenmesi Deniz DURMAZ, Pınar KAYGIN, Ayşegül ERDEM, Gülçin Güler ŞİMŞEK, Sezen YILMAZ SARIALTIN, Onur DIRICAN, Volkan ATEŞ, Tülay ÇOBAN, Serpil OĞUZTÜRKÜN*	
6	627- Effect of adropin and spexin peptides on ILs gene expression levels in cardiac tissue Burak Yazgan*, Gülsün Memi	
7	61-Validation and Quality Control of GMP-Compliant Fibroblast Cells For Autologous Applications Gülnaz Yıldırım Köken*, Olga Nehir Öztel, Erdal Karaöz	
Discussion		
Break (12:00 - 12:30)		

Session 8.4 / 10:30 - 12:00		Session Chair :
1	778- Zebrafish: a powerful model organism in studying neurodegenerative disorders. Adil Seytanoglu*	
2	604- Investigation of the effect of GLUT4 on insulin resistance Hilal Büşra Tokgöz, Filiz Altan*	
3	783- Identification of the genotoxic effect of food additive L(+)-tartaric acid using micronucleus assay Sevcan Mamur	
4	824- Ceviz (<i>Juglans regia L.</i>) ekstraktı ve juglonun ratlarda dopamin seviyesi üzerine etkileri Şener Çintesun*, Zeynep Özman, Abdürrahim Koçyiğit, Mansuroğlu, İsmail Kocaçalışkan	
5	804- Use of circulating exosomal RNAs liquid biopsy in diagnosis and treatment of periampullary region tumors Secil AK AKSOY, Fuat AKSOY	
6	785- Investigation of cell proliferation pathways in the development of endometriosis Muni Kiper ARSLAN	
7	597- Antimicrobial Peptides and Therapeutic Importance Ebru KOCADAĞ KOCAZORBAZ	
Discussion		
Break (12:00 - 12:30)		

ORAL PRESENTATIONS

25 November 2021		SESSION 9	Time 12:30 - 14:00					
Session 9.1 / 12:30 - 14:00		Session Chair :						
1	691- Covid-19' un gebelik ve fetus üzerine histopatolojik etkileri Ahmet Uğur AKMAN							
2	695- Artificial Intelligence in Nursing Yeliz Doğan Merih*, Erhan Akdoğan							
3	12- Influence Sizes of Nano Zinc Oxide on <i>Staphylococcus hominis</i> supragingival Mais E. Ahmed *, Sara H. Seddiq , Sura M. Abdul Majeed							
4	55- Anti-leishmanial and Anti-cancer efficacy of a Lipase from <i>Pseudomonas aeruginosa</i> and <i>E. coli</i> Sura F. Alsaffar *Ghuffran M. Hassan, Mais E. Ahmed , Rasha K Mohammed							
5	465- Nörodejeneratif hastalıklarda in vitro yöntem: Sinaptozomlar üzerinde toksisite çalışmaları ve vitamin türevi bileşiklerin etki mekanizması Fatih Kar*, Ezgi Kar							
6	87- Anxiolytic and anti-depressant effects of aqueous extract of Moroccan <i>Lavandula stoechas L.</i> Hind Ferehan *, Mehdi Ait Laaradia, Sara Oufquir, Rachida Aboufatima, Abderrahman Chait , Abdallah Bagri							
7	118- The study of the <i>Lavandula stoechas'</i> effects on neuropathic pain in laboratory animals Hind Ferehan *, Mehdi Ait Laaradia, Sara Oufquir, Rachida Aboufatima, Abderrahman Chait , Abdallah Bagri							
Discussion								
Break (14:00- 14:30)								

Session 9.2 / 12:30 - 14:00		Session Chair :
1	700- Cathepsin-L inhibisyonu SARS-Cov-2' ye karşı etkili mi? Hatice Bekci*, Burcu Somtürk, M. Betül Yerer Aycan	
2	759- The Effect of Creating Negatively Charged Surfaces on Titanium Discs to Bacterial Adhesion Oylum Çakır Altan, Esin Ak*, Burak Aksu, Feriha Ercan, Gühan Dergin	
3	821- Investigation of the effects of fesoterodin on depression and anxiety in mice Mehmet Hanifi Tanyeri*, Mehmet Emin Büyükköroğlu	
4	726-Main risk factors associated with development of neonatal hyperbilirubinemia:Study among neonates from west Algeria Hadria Grar*, Wafaa Dib, Amel Oualid, Sarah Saaidia, Hanane Gourine, Omar Kheroua, Djamel Saidi	
5	672- Probiotics and prebiotics in chronic inflammatory bowel diseases Wafaa Dib, Hadria Grar, Djamel Saidi, Omar Kheroua	
6	624- Sıçanlarda monosodyum iyodoasetat ile oluşturulan deneysel osteoartrit modelinde gelişebilecek inflamatuvar yanıt ve oksidatif stres süreçlerinde mTOR'un katkısının araştırılması Banu Kılıç*, Meryem Temiz Reşitoğlu, Zainab Sabrie, Şefika Pınar Şenol, Bahar Tunçtan, Seyhan Şahan Fırat	
7	725- Nörodejeneratif hastalık çalışmalarında organotipik beyin kesitlerinin kullanımı Elif Mutlu Abuiyada*, Hasan HS Abuiyada	
Discussion		
Break (14:00- 14:30)		

Session 9.3 / 12:30 - 14:00		Session Chair :
1	9- Comparative study of Antibacterial power of four medicinal plants Essential Oils Mounia CHROHO*, Touriya ZAIR, Latife BOUSSANE	
2	66- DNA Barcoding of <i>Lecokia cretica</i> (Lam.) DC. and determining the DNA Protective activity of its methanolic extract Görkem Deniz Sönmez*, Erkan Yılmaz, Miray Ege, Ömer Kılıç	
3	71- Multiple biological approach to evaluate the effects of <i>Artemisia dracunculus</i> Burak Barut*, Gülin Renda	
4	77- Essential oils as effective substitutes to control <i>Varroa destructor</i> (Acari: Varroidae), an ectoparasitic mite of honeybees <i>Apis mellifera</i> (Hymenoptera: Apidae) Abdessamad Aglagane*, El-Mustapha Laghzaoui, Omar Er-rguibi, Latifa Kimdil, El Hassan El Mouden, Mohamed Aourir	
5	315- Anti-complement activity of alkaloid extracts from <i>Deverra scoparia</i> Coss & Dur (Apiaceae) Algerian Sahara plant. HAMMOUDI Roukia, BENRASSE Amina, HADJ MAHAMMED Mahfoud	
6	440- Efflux pump inhibition activities of naringenin, quercetin, and umbelliferone Eda Altınöz*, Ergin Murat Altuner	
Discussion		
Break (14:00- 14:30)		

Session 9.4 / 12:30 - 14:00		Session Chair :
1	715- In Vivo Anti-Inflammatory Potentials of <i>Plantago ovata</i> on Albino Male Mice Saja Ali Shareef and Mohamednoruldin Dh Hazim	
2	490- Alcoholic and Aqueous Extracted oil of <i>Canarium Schweinfurthii</i> fruit shows Antioxidant activity and Antipyretic potential in Albino rats Zulaiha Gidado Mukhtar*, Yusuf Ibrahim Ibrahim and Aisha Kabara	
3	447- Attenuation of anxiety and loss of memory induced by scopolamine by seeds ethanol extract of <i>Ammodaucus leucotrichus</i> in rodents Zineb Omari, Maroua Ait Tastift, Saadia Bamhamed, Hiroko Isoda Chemseddoha Gadhi*	
4	628- Identification of Bioactive Phytochemicals for Estimation of Anticancer Activity of <i>Cassia acutifolia</i> Extract Şeyda Nur Energin*, Çisil Çamlı Pulat, Suleyman İlhan	
5	446- Quality assessment and anti-nociceptive activity of <i>Crocus sativus</i> stigma from Morocco Maroua Ait tastift, Zineb Omari, Maryem Bouabidi, Hafida Bouamama, Hiroko Isoda , Chemseddoha Gadhi *	
6	462- <i>Hypericum linarioides</i> Bosse (Kan Otu)'nın İnsan Meme Kanseri (MCF-7) Hücreleri Üzerine Antioksidan ve Sitotoksik Etkileri Esma Kübra KAĞAN YENİÇERİ*, Ahmet ALTAY	
Discussion		
Break (14:00- 14:30)		

ORAL PRESENTATIONS					
25 November 2021		SESSION 10	Time 14:30 - 16:00		
Session 10.1 /14:30 - 16:00		Session Chair :			
1 205- Synthesis and spectroscopic properties of fully primary amine substituted mono-ferrocenylspirocyclotetraphosphazenes Arzu BİNİCİ*					
2 327- Synthesis, characterization and theoretical studies of sulfonyl hydrazone compound containing ferrocene by green chemistry method Deniz AKIN ANAKÖK*, Emre USTAOĞLU, Servet ÇETE, Ümmühan ÖZDEMİR ÖZMEN, Ebru AKTAN					
3 335- Synthesis, Structural Analysis and Antioxidant Studies of Oxovanadium(IV) Complexes based S-methylthiosemicarbazone Büşra Kaya*					
4 367- Synthesis, Spectral Characterization and Antioxidant Properties of New Solvate Dioxomolybdenum(VI) Complexes Yeliz Kaya*					
5 521- Synthesis of Ni(II) and Zn(II) complexes containing thiosemicarbazone and characterization of their crystal structures Ece Su Çakmakçı*, Emine Öztürk, Elif Subaşı					
6 584- Synthesis and characterization of new Zn(II) phthalocyanine containing 15-membered tetra-thia macrocycle moiety Yasemin Bayğu					
7 717- Tetra (benzil 2-fenoksi benzoat) Sübstitüe Çinko Ftalosiyantan Sentezi ve Elektronik Özellikleri Derya Güngördü Solğun* , Mehmet Salih Ağırtaş					
Discussion					
Break (16:00 - 16:30)					
Session 10.2 / 14:30 - 16:00		Session Chair :			
1 134- Yeni hetero-halkalı üç dişli ligant ve Cu(II) kompleksinin sentezi ve antioksidan özelliklerinin incelenmesi Fatih Pekdemir					
2 646- Tetrachloro and tetraaminobenzylspirocyclotriphosphazenes: Synthesis, characterization, biological properties and molecular docking studies Reşit Cemaloğlu*, İpek Berberoğlu, Nuran Asmafızı, Zeynel Kılıç, Celal Tuğrul Zeyrek, Leyla Açık, Dila Koyunoğlu					
3 768- Synthesis of Bioactive Organoruthenium Complexes Egemen Orkun Sadan, Seminay Guler, Betül Sen, Hulya Ayar Kayalı, Elif Subaşı					
4 249- CuO/g-C ₃ N ₄ heterojunciton with improved photocatalytic efficiency for the degradation of Congo Red Nuray Güy*					
5 417- Evaluation of the <i>in vitro</i> wound healing activity of <i>Achillea sintenisii</i> Hub. Mor. Tuğsen DOĞRU*, Şeyma TETİK RAMA, Nuraniye ERUYGUR, Fatma AYAZ					
6 73- Synthesis of Calcium Based Spinel Ferrite and Its Application in Photocatalytically Dye Degradation Özlem Tuna*, Esra Bilgin Simsek					
7 122- Fabrication of CdS/g-C ₃ N ₄ heterostructure nanocomposite with photocatalytic performance under visible light Keziban Atacan					
Discussion					
Break (16:00 - 16:30)					

Session 10.3 / 14:30 - 16:00		Session Chair :
1	21- H ₂ O ₂ and NO effect some physiological parameters in two genotypes of eggplant (<i>Solanum melongena</i> L.) Fahriye Öcal Özdamar*, Gökçen Baysal Furtana, Rukiye Tıpiřdamaz, Hayri Duman	
2	51- Terpinolene is an effective essential oil compound to protect <i>Hordeum vulgare</i> L. from <i>Fusarium avenaceum</i> Zeynep Danışman, Sule İnan, Esma Özsoy, Emre Yörük*, Tapani Yli-Mattila	
3	102- <i>Trichoderma atroviride</i> triggers alterations at epigenetics, transcripts, oxidative stress and apoptosis levels on <i>Fusarium graminearum</i> Emre Yörük*, Evrim Özkal, Özlem Sefer, Esma Özsoy	
4	151- Physiological effect of foliar application of 24-epibrassinolide on <i>Medicago sativa</i> L. plant under heat stress Hande Morgil	
5	341- Asit Yağmuru ve Ağır Metal Streslerinin Üç Farklı Aspir (<i>Carthamus tinctorius</i> L.) Çeşidine Çimlenme Başarısı Üzerine Etkisi Nilay Yıldırım, Ekrem Bölükbaşı, Neslihan Karayin	
6	795-Mardin ilinin endemik bitkileri Fatma Mungan Kılıç*	
7	761-The effects of different LED lights on <i>Rhizopus oryzae</i> cultivation Neslihan Bayrak, Gülsüm Ebru Özer Uyar *	
8	192-Response of in vitro pollen germination and pollen tube growth of kiwifruit to epi-brassinosteroid and methyl jasmonate Aslıhan Çetinbaş-Genç*, Filiz Vardar	
Discussion		
Break (16:00 - 16:30)		

Session 10.4 / 14:30 - 16:00		Session Chair :
1	513- The Banks in the National Botanical Garden of Turkey: DNA, Tissue and Sequencing Pelin Acar*, Derya Karakoyun, Ebubekir Yozgathı, Özlem Mavi İdman	
2	515- Germination performance of two oak species; <i>Quercus pubescens</i> and <i>Quercus petraea</i> : Phyton Analysis Pelin Acar*, Özlem Mavi İdman, Kürşad Duyar, Çağrı Acar	
3	526- Türkiye' de Yayılış Gösteren <i>Fimbristylis Vahl</i> Cinsi Taksonların Tohum Morfolojisi Begüm BİRGÜL*, Handan ŞAPCI SELAMOĞLU, Cem VURAL	
4	528- Türkiye' de Yayılış Gösteren <i>Fimbristylis Vahl</i> Cinsi Taksonların Polen Morfolojisi Begüm BİRGÜL*, Handan ŞAPCI SELAMOĞLU, Cem VURAL	
5	567- Türkiye' de Yayılış Gösteren <i>Fimbristylis Vahl</i> Cinsinin Revizyonu Handan ŞAPCI SELAMOĞLU, Begüm BİRGÜL*, Cem VURAL	
6	568- Türkiye' de Yayılış Gösteren <i>Schoenoplectus (Rchb.) Palla</i> Cinsi Taksonların Tohum Morfolojisi Handan ŞAPCI SELAMOĞLU, Begüm BİRGÜL*, Cem VURAL	
7	582- Anatomical Studies on <i>Jasminum fruticans</i> L. (Oleaceae) Derya ÇİÇEK POLAT*	
Discussion		
Break (16:00 - 16:30)		

ORAL PRESENTATIONS		
25 November 2021		SESSION 11
Session 11.1 / 16:30 - 18:00		Session Chair :
1	43- Removal of methylene blue using adsorbent materials produced from cotton stalk and cotton waste: isotherm, kinetic and thermodynamic studies Ali Rıza Kul, Adnan Aldemir, Hülya Koyuncu	
2	800- Evaluation of chemical composition and source apportionment of fractional rain samples collected in urban and semi-urban sites of Bolu Fatih Çınar*, Serpil Yenisoy-Karakas	
3	754- The effects of gibberellic acid on biomass and carbohydrate content of <i>Chlorella saccharophila</i> grown at lights in different colors in wastewater Melih Onay*	
4	776- Preparation of multicomponent composite hydrogels from sustainable natural materials and their dye adsorption properties in aqueous media Mehmet Fırat İlker*, Özge Gencer	
5	801- Daily and seasonal variation of tropospheric ozone concentrations in a forestal suburban site of Bolu, Turkey Hatice Karadeniz*, Serpil Yenisoy-Karakas	
6	781- Real-Time Monitoring the Indoor Air Quality Parameters of Intensive Care Unit During the Pandemic Period Sanaz LAKESTANI*, Mehmet MILLI, İsa YILDIZ, Abdullah DEMIRHAN	
7	787- Akçakoca ilçesindeki çocuk parklarındaki yer tespitlerinin hava kirliliği açısından değerlendirilmesi Aydan ÇAKIR*, Gülgün DEDE	
Discussion		
Break (18:00 - 18:30)		
Session 11.2 / 16:30 - 18:00		Session Chair :
1	799- Su ve Çevre Kirliliğinde "Tek kullanımlık ürün" kültürünün etkileri: Deniz (İzmit Körfezi) ve Göl (Sapanca) örneği Furkan Başargin, Meral Yurtsever, Gizem Yörücü*	
2	617- Karışık bakteriyel kültür ile nötral kırmızı gideriminde pH etkisi Tuba ARTAN ONAT	
3	740- Removal of Astrozon Black and Indigo Carmine Dyes during repeated use of dry and wet bacterial cellulose Filiz Boran	
4	364- The effect of ultrasonic pre-treatment on the available substrate concentrations prior to anaerobic digestion of municipal solid wastes E. Duyußen Güven*, Görkem Akinci, Ayşenur Özual	
5	591- The oxidative stress effects of PFOS on primary gill and hepatopancreas of <i>Astacus leptodactylus</i> Pınar Arslan*, Aysel Çağlan Günal, Aylin Sepici Dinçel	
6	592- The oxidative stress effects of acrylamide on <i>in vitro</i> model of freshwater organisms Pınar Arslan	
7	47- Effect of raw material functionalization on adsorption capacity for dye removal from aqueous solution Eda Gökirmak Sögüt	
Discussion		
Break (18:00 - 18:30)		

Session 11.3 / 16:30 – 18:00		Session Chair :
1	159- Extracellular synthesis of zinc oxide nanoparticles using <i>Bacillus</i> sp. ZBP4 and its antimicrobial potential against foodborne bacteria Mohammed Hamk, Ayşe Avcı*and Fikriye Alev Akçay	
2	161- High-performance non-enzymatic urea electrochemical sensor based on chitosan-coated Cu nanospheres Barbaros AKKURT, Elif TÜZÜN, Nevin TAŞALTIN, Selcan KARAKUŞ*	
3	207- Morphological and Structural Properties of PAN/PVDF Electrospun Nanofibers Atike İNCE YARDIMCI*, Mehmet KAYHAN, Aslı DURMUŞ, Özgür TARHAN	
4	310- Modification of Magnetic Nanoparticles With DNA Particulates and Their Applications in Magnetic Hyperthermia Cem L. Altan*, Mehmet H. Ucisik , S. Sibel Erdem, Beyza Abisoglu, S. İrem Goralı, Kemal Duzkar, Gizem Keceloglu	
5	562- Actinobacteria-mediated synthesis of titanium dioxide nanoparticles and their potential as pesticides Mohammed Ali Hasan Al Yousif*, Hilal Ay	
6	580- Green synthesis of silver nanoparticles using turmeric extracts and determination of their antioxidant activities Adem Demir	
7	422- Preparing Pickering-High Internal Phase Emulsion Templated Polymers by using Surface Modified Calcite and CNCs Ali Eslek, Hatice Hande Mert, Emine Hilal Mert*	
Discussion		
Break (18:00 - 18:30)		

Session 11.4 / 16:30 – 18:00		Session Chair :
1	618- Solubility improvement of loperamide with electrospun polyvinylpyrrolidone nanofibers Rabia İrem Çolak, Şeyma Aydoğduoğlu , Sevdiye Gizem Çimencan , Serdar Tort*	
2	790- Development of a Photodetector for Aflatoxin B ₁ by Quantum Dots via FRET Mechanism Özge Ergüder*, Sultan Şahin Keskin, Levent Trabzon, Caner Ünlü	
3	762- Investigation of the effect of microwave synthesis conditions on physical and optical properties of carbon dots synthesized using <i>Ficus carica</i> Linn leaves Pelin Yılmaz*, Elçin Demirhan, Belma Özbek	
4	753- Synthesis of high surface area magnetic activated carbon nanocomposite by hydrothermal method and removal of methylene blue dye in aqueous solution Muhammet Hüseyin ÇOKAL * , Atakan TOPRAK	
5	452- Synthesis and characterization of photoanode powders by sol-gel method Fatma Aydin Ünal*, Murat Ünal	
6	662- Green synthesis of iron nanoparticles using actinobacteria and their catalytic application in dye removal Ali Salih Mohammed*, Feryal Akbal, Hilal Ay	
7	667- Fabrication and Characterization of Surface Modified Halloysite Based Copolymer Nanocomposite/5-Fluorouracil Conjugate Gulderen Karakus*, Gizem Uner, Hatice Kaplan Can	
8	360- Poly(N-vinyl pyrrolidone) and Tubular/Layered Clay Green Nanocomposites: Synthesis and Characterization Fatma Donmez*, Ayse Cagil Kandemir, Hatice Kaplan Can	
Discussion		
Break (18:00 - 18:30)		

ORAL PRESENTATIONS		
25 November 2021		SESSION 12
Session 12.1 / 18:30 – 20:00		Session Chair :
1	33- Nanocomposites in energy storage systems Murat Ates	
2	34- TiO ₂ based nanocomposites for supercapacitor applications Murat Ates	
3	91- A theoretical study on radiation attenuation parameters of some cancer drugs in the energy region of 1keV to 100 GeV İlyas ÇAĞLAR*, Gülcin BİLGİCİ CENGİZ	
4	92- Investigations of photon build-up factors of some radioprotectors using Geometric Progression (G-P) fitting method İlyas ÇAĞLAR*, Gülcin BİLGİCİ CENGİZ	
5	133- The characterizations of solid-state conductivity, surface area and pore size analysis of rGO/Co ₃ O ₄ /PPy and rGO/CuO nanocomposites Ozan YORUK, Yuksel BAYRAK, Murat ATES*	
6	135- rGO /Co ₃ O ₄ nanocomposite formation for high energy storage systems Ozan YORUK, Yuksel BAYRAK, Murat ATES*	
7	619- Mikrobiyal yakıt hücrelerinde biyokatot kullanımı ve voltaj üretimi Tuba ARTAN ONAT	
Discussion		

Session 12.2 / 18:30 – 20:00		Session Chair :
1	228- Diphenyl Carbazole and Tartrazine as Sensitizer Metal Complex Dyes for Dye Sensitized Solar Cells Burak ÜNLÜ*, Serbülent TÜRK, Mahmut ÖZACAR	
2	229- Theoretical Investigation of Ligand and Metal Species Effects on Metal Complex Dyes Properties Used in Dye Sensitized Solar Cells Burak ÜNLÜ*, Serbülent TÜRK, Mahmut ÖZACAR	
3	298- Optimization of Acid Assisted Microwave Hydrolysis of Peach Pulp for Biofuel Production Müge Dalak, İlgi Karapınar	
4	350- The effect of C/N ratio on simultaneous biosolvent and biohydrogen production by dark fermentation Müge Dalak, İlgi Karapınar	
5	479- Small Molecule Based Surface Passivation for Stable and Efficient Perovskite Solar Cells Esma Yenel*	
6	686- İklimlendirme Sistemlerinde Enerji Tasarrufu Amacıyla Faz Değiştiren Maddelerin Kullanımının İncelenmesi Furkan Talu, Mehmet Selçuk Mert*, Hatice Hande Mert	
7	690- Elektrikli Araçlarda Kullanılan Bataryaların Isıl Yönetimi için Faz Değiştiren Malzeme Kullanımı Aşkın Yıldız, Mehmet Selçuk Mert*, Muhammet Biberoğlu, Hatice Hande Mert	
Discussion		

POSTER PRESENTATIONS 2		25 November 2021
POSTER SESSION 2.1		Session Chair:
		Time 18:30 - 20:00
1	149- Analysis of essential oil of Caper tea Hüseyin Servi*	
2	420- Black chokeberry (<i>Aronia melanocarpa Elliott</i>) as a medicinal plant Emine NAKILCİOĞLU*	
3	564- <i>Centaurea nemecii</i> NAB. Ekstrelerinin Antikolinesteraz İnhibitor Aktivitesi Gülbahar Özge Alim Toraman*, Tuba Kuşman Sayğı, Burcu Büttün, Gülaçtı Topçu	
4	639- Meyan kökü (<i>glycyrrhiza glabra</i>) ekstrelerinin ve bazı aktif bileşenlerinin monoaminoksidaz-a ve monoaminoksidaz-b aktiviteleri üzerine etkileri Ece İskit*, Duygu Aktaş , Özkan Danış	
5	124- Protective role of <i>Cotinus Coggygria</i> Scop. extract on ethanol-induced brain injury in rats Buse ALTIN*, Sevim TUNALI, Refiye YANARDAG	
6	430- Melatonin and Carnosine Prevents Ionizing Radiation-Induced Oxidative Testis Damage in Rats İsmet Burcu TURKYILMAZ*, Huseyin US, Ayca SEZEN-US, Omur KARABULUT-BULAN, Refiye YANARDAG	
7	454- Biochemical complications of celiac disease in west Algerian patients <u>Hadria Grar</u> *, Nour el houda Benabdi, Wafaa Dib, Hanane Gourine, Omar Kheroua, Djamel Saidi	
8	494- Yaşlanmanın ratlarda protein düzeyi ile plazma oksidan ve antioksidan parametreler üzerine etkisi Damla Canayakın* , Gülay Çiftci	
9	326- İkinci jenerasyon proteazom inhibitörü carfilzomib'in geliştirilen glioblastoma üç boyutlu kültür modelinde denenmesi Ülkügül Güven*, Sema Arslan Eseryel, Semra Ünal Yıldırım, Ali Şahin, Ayşe Mine Yılmaz Göler, Oğuzhan Gündüz, Betül Karademir Yılmaz	
10	549- Meyan kökü (<i>glycyrrhiza glabra</i>) ekstrelerinin ve bazı aktif bileşenlerinin asetilkolinesteraz ve bütirilkolinesteraz aktiviteleri üzerine etkileri Duygu Aktaş*, Ece İskit ,Özkan Danış	
11	641- Enzim Temelli Biyosensörle Glutatyon Redüktaz Enziminin Girişim Analizi Başak Gunaştı*, Abdullah Tuli	
12	767- Alginat/aluminosilicates kompozit boncuklarla asidik ortamda sefaklor salımı Hüseyin UŞAN*, Demet BAYBAŞ*	
13	784- Investigation of Interactions of Indium-Phthalocyanine with Telomeric G-Quadruplex DNA by Different Analytical Techniques Seren Yılmaz*, Esra Bağda, Mahmut Durmuş	
Discussion		

POSTER SESSION 2.2		Session Chair:	Time 18:30 – 20:00
1	208- Antiproliferative and antimigrative activities of 4-fluorobenzyl-spiro(N/O)cyclotriphosphazene derivatives Gamze Elmas, Aytuğ Okumuş, Arzu BİNİCİ*, Seçil Erden Tayhan, Zeynel Kılıç		
2	328- Potential bioactive sulfonyl hydrazone: Synthesis by one-pot method and theoretical calculations Emre USTAOĞLU*, Deniz AKIN ANAKÖK, Ümmühan ÖZDEMİR ÖZMEN, Servet ÇETE, Ebru AKTAN		
3	183- Development of liquid-liquid extraction method for cordycepin extraction from <i>Cordyceps militaris</i> liquid culture using solubility parameters Gulay Zengin*, Mohammad Mouammer Hakk, Huseyin Zengin		
4	637- Fenil-2H-Kromen-2-On içeren Periferal ve Nonperiferal Cu ve Zn Ftalosiyainlerin Sentezi ve Fotostabilitelerinin İncelenmesi *Cansu Dicle ,Mücahit Özdemir , Ahmet Orhan Görgülü, Bahattin Yalçın		
5	718- 2-(2-İzopropil-5-metilfenoksi)fenoksi Sübstitüe Kobalt, Bakır Ftalosiyainin Bileşiklerinin Sentezi ve Karakterizasyonu Derya Güngördu Solğun*, Mehmet Salih Ağırtaş		
6	163- Preparation and spectroscopic characterization of new menadione compounds Aysegul Iscan*, Nahide Gulsah Deniz, Cigdem Sayil		
7	170- 2,4,6-Triarilpiridin konjuge sistemi içeren D-π-A yapısındaki bazı bileşiklerin sentezi Nagihan Öztürk*, Dilek Arslan, Barış Seçkin Arslan , İlkay Şişman, Mehmet Nebioğlu		
8	182- Soap Preparations Using Walnut Kernel Extracts Gulay Zengin*, Ozden Dogan , Huseyin Zengin		
9	206- Black cumin seed extractions and their liquid soap preparation Gulay Zengin*, Elif Deniz Kaya, Huseyin Zengin		
10	260- Structural and theoretical studies of novel hydrazone dyes with triazin and indolinon moieties Zeynep Gizem TAŞ*, Ebru AKTAN, Zeynel SEFEROĞLU		
11	444- Synthesis of New Carvacrol Based Thiosemicarbazide Derivatives Fatma GÜNEŞ ÇALIŞKAN*, Tenzile ALAGÖZ, Hayriye GENÇ BİLGİÇLİ		
12	636- Yeni 7-hidroksi-8-metil-4-(2,3,4,5-tetraflorofenil)kumarin içeren periferal, non-periferal metalli ftalosiyainlerin sentezi ve karakterizasyonu Zehra Kazancıçok, Mücahit Özdemir , Ümit Salan		
13	173-Analysis of the composition of Ganoderma mushroom extracts and their nourishing liquid soap preparations Gulay Zengin*, Ikram El Mustafa, Huseyin Zengin		
14	443- Thiophene-BODIPY-Substituted Cyclotriphosphazene Derivative As New Photosensitizer Elif YILDIZ GUL*, Esra TANRIVERDI ECİK		
Discussion			

ORAL PRESENTATIONS			
26 November 2021		SESSION 13	Time 08:30 - 10:00
Session 13.1 / 08:30 - 10:00		Session Chair :	
1	26-Halophilic bacteria industrial application Esra Şentürk*, Pınar Şanlıbaba		
2	27-The aflatoxin presence in dry foods Seda SEYİRT*, Pınar ŞANLIBABA		
3	166-Diazotrofik ve non-diazotrofik koşullarda çoğaltılan <i>Rhodobacter sphaeroides</i> O.U 001 ile biyolojik hidrojen üretimi Merve Sert, Gökhan Kars*		
4	178-Genome-wide analysis of the BES1 transcription factor family in the bean (<i>Phaseolus vulgaris</i>) genome Özlem Bakır*, Abdulrahman OBAID, İlker Büyük E. Sümer ARAS		
5	707-In silico identification of YABBY transcription factors in <i>Medicago truncatula</i> Özlem Bakır*, Aybüke OKAY, İlker Büyük, E. Sümer ARAS		
6	212-Keratinase production by <i>Bacillus mycoides</i> Özden CANLI TAŞAR *		
7	111-Biyorafineri kapsamında biyolojik hidrojen ve bakteriyel karotenoid üretimi Kübra Danış, Buse Nur Bingöl, Gökhan Kars*		
Discussion			
Break (10:00 - 10:30)			

Session 13.2 / 08:30 - 10:00		Session Chair :
1	256-Optimization studies in ball mills to increase cement production capacity and reduce energy consumption Furkan Meriç KAYA*, Veli ŞİMŞEK	
2	259-Microfluidic integration onto microelectrode and its effect on electrochemistry Zahraa Ali, Ahmet Ucar, Hamed Ghorbanpoor, Huseyin Avci, Fatma Dogan Guzel*	
3	284-Tautomerization in (E)-3-{{(2-bromophenyl)imino]methyl}benzene-1,2-diol: A DFT Study İllkay Yıldırım*	
4	330-Cellulose/ ionic liquid solutions: Rheological study Kaoutar Aghmih*, Hasna Wakrim*, Aicha Boukhriss, Mehdi El Boucht, Sanaa Majid, Said Gmouh*,	
5	363-Surface plasmon resonance sensors for the amaranth detection in beverages Duygu ÇİMEN	
6	385-PC-3 prostat kanser hücrelerinde sugammadex uygulamasının apoptoza etkisi var mı? Fatma Fırat, Tuğçe Aladağ*	
Discussion		
Break (10:00 - 10:30)		

Session 13.3 / 08:30 - 10:00		Session Chair :
1	146-Synthesis, characterization and comparative study of polysaccharide-based materials and their application in the environmental field Lemya Boughrara * , Soumia Ftouh, Seghier Ould Kada	
2	185- SPR-based sensing of Lysozyme using Lysozyme imprinted-modified graphene oxide surfaces Monireh Bakhshpour*	
3	187-The oxidation of the ascorbic acid in depend of time Ebru Çötelî *	
4	336-Ameliorative Effect of Moringa Extract on Valproate Induced Oxidative Stress in Lens Tissues Eda Dağsuyu , Umar Faruk Magaji- * , Ozlem Sacan, Refiye Yanardag	
5	337-The Diverse Therapeutic Potentials of Diapin® - A Food Supplement Umar Faruk Magaji-(: -4009-481X), Selahattin Boyaci (: 0000 7331 5810), Umut Bulbul (: 0000 0774 5040), Sadettin Akca (: 0000 5411 2281), Ozlem Sacan, (: -6503-4613), Refiye Yanardag (: -4185-4363	
6	544-Mass Spectrometric Detection of Controlled Insulin-Release From Polymeric Membranes Buse Kardelen Varlıoğlu Özdemir*, Ülkü Güler, Gülay Bayramoğlu, M. Yakup Arıca, Bekir Salih	
7	649-Protein Binding Ligands and Their Importance Ergin YALÇIN	
Discussion		
Break (10:00 - 10:30)		

Session 13.4 / 08:30 - 10:00		Session Chair :
1	44-Kutup buzullarının optik mikroskop ve spektroskopi yardımıyla kimyasal içeriğinin incelenmesi ve buzulların biyolojik analizlerinin yapılması Gamze Neşe*, F. Elif Genceli Güner	
2	45-Ötektik donma kristalizasyonu ile endüstriyel boraks atık çözeltisinin geri kazanılması Ayşegül Okumuş*, F. Elif Genceli Güner	
3	88-Synthesis of bioactive imidazole derivatives via C-H bond activation reaction catalysed by PEPPSI type Pd-NHC catalysts Nesrin Buğday	
4	127-The thermodynamic tendencies of coronene surfaces on methanol oxidation reaction Caglar Celik Bayar*, Elif Naz Aloglu, Yagız Kayra Gunduz	
5	222-Synthesis and Characterization of a Novel Second Generation Platinum Derivative and Its Molecular Interaction Analysis via Surface Plasmon Resonance Habibe YILMAZ*, Şenay Hamarat Şanlier	
6	143-Etil 3-metil-4-okso-4,5-dihidro-1H-pirolo[2,3-d]piridazin-2-karboksilat molekülünün kuramsal kimyasal aktivite ve DNA bazları ile elektrofilik merkezli yük transferinin (ECT) incelenmesi Zeynep Demircioğlu*	
7	193-9H-purin-6 amin-9-(3-kloropropil) aromatik aminiyle camsı karbon elektrodun elektrokimyasal modifikasyonu ve ağır metal iyonlarının tayini Neslihan ÖZDEMİR TANJU*, Mehmet Lütfi YOLA, Selin KINALI DEMİRCİ	
Discussion		
Break (10:00 - 10:30)		

ORAL PRESENTATIONS			
26 November 2021		SESSION 14	Time 10:30 - 12:00
Session 14.1 /10:30 - 12:00		Session Chair :	
1	770-KOMS-2 Destekli Metal Nano Kümelerin Hazırlanması ve Cr(VI) İyonunun Cr(III) İyonuna İndirgenmesinde Katalitik Etkinliğinin İncelenmesi Metin Çelebi*		
2	743-Vulcan XC-72 Karbon Destekli Paladyum Nanopartiküllerinin Eldesi ve Formik Asidin Katalitik Bozunma Tepkimesinde Aktivitelerinin İncelenmesi Mülkiye Kaymaz, Senem Karahan Gülbay*		
3	675-A Five Coordinated Molybdenum(VI) Complex Based on S-alkyl Thiosemicarbazone: Synthesis, Spectroscopic and Crystallographic Characterization Songül Eğlence Bakır*		
4	746-Cathodic Electrochemical Deposition of Zinc Oxide in Nonaqueous Acetonitrile Solution as an Electrocatalyst for Photoelectrochemical Water Splitting Zeliha Ertekin*		
5	733-High performance supercapacitor applications of activated carbons derived from biomass Meryem Beril Maşlak* (: -2753-987X), Funda Ateş (: -6693-6093),		
6	602-Preparation of Terpene Based Porous Microspheres Burcu KEKEVİ		
7	438-Cu(II) ftalosiyantan-tetrasülfonik asit tetrasodyum tuzu katkılı polianilin esaslı karbon keçe elektrotlarının hidrotermal yöntemle sentezi ve süperkapasitör performanslarının incelenmesi Melih Beşir ARVAS*		
Discussion			
Break (12:00 - 12:30)			

Session 14.2 / 10:30 - 12:00		Session Chair :
1	241-Synthesis of acylthiourea derivatives and their acid dissociation constants Çağla Efeoğlu*, Elize Karasu, Yahya Nural*	
2	511-Van ilinde yetişen mısır (zea mays, corn, mais) koçanı talaşı üzerindeki malahit yeşili adsorpsyonunun kinetik hesaplamaları Ali Rıza KUL*, Sema KAPTANOĞLU, Ahmet SELÇUK·Hasan ELİK, Nuran BAZANCİR	
3	531- Sütte Piretroitlerin GC-MS/MS ile Analizi için Metod Geliştirilmesi Aysun Dincel	
4	585-Chromatographic Analysis of Bupivacaine in Aqueous Humors Aysun Dincel	
5	666-Bor katkılı karbon nano tanecik sentezi ve hücre uygulaması Emre Ersin*, Hilal Kabadayı Ensarioğlu, H. Seda Vatansever , Hüseyin Çelikkan	
6	701-Analytical studies on the antioxidant activity and beta glucan content of Maitake mushrooms Büşra Erten , Gülbın Erdoğan*	
7	280-Synthesis and Photophysical Properties of Bis-benzamide Derivatives İrem Acar*, Çağla Efeoğlu, F. Nazlı Dinçer Kaya, Yahya Nural*	
Discussion		
Break (12:00 - 12:30)		

Session 14.3 / 10:30 - 12:00		Session Chair :
1	320-Biosynthesis of Silver Nanoparticles Using Extract of Fig (<i>Ficus carica</i>) Leaf by Microwave Extraction Gönül SERDAR*	
2	344-Microwave-assisted Green Biosynthesis of Gold Nanoparticles from <i>Eriobotrya Japonica</i> Leaf Extract Gönül SERDAR*	
3	728-Parkinson Tedavisinde Kullanılan İlaçların Analitik Olarak İncelenmesi Taner CARIK*, Sabriye AYDINOĞLU	
4	777-Comparative Phosphoproteomic Analysis of Bovine, Buffalo and Goat Milk Proteins Hacı Mehmet Kayili*	
5	789-Determination of Changes in the Proteomic Profiles of Milk in Fermentation and Storage Processes of Kefir by Mass Spectrometry-based Omic-Strategies Sena Damar, Hacı Mehmet Kayili*, Mehmet Atakay, Huseyin Avni Kirmaci, Bekir Salih*	
6	682-Nanobiosensor preparation methods by molecular imprinting Sibel Büyüktiryaki	
Discussion		
Break (12:00 - 12:30)		

Session 14.4 / 10:30 - 12:00		Session Chair :
1	404-Characterization of Porins from Hospital Strains of <i>Acinetobacter Baumannii</i> by Single Channel Electrophysiology Aliakbar EBRAHIMI, Tugce ERGUN, Ozge KAYGUSUZ, Cihan DARCAN, Huseyin AVCI, Araz NORUZ DIZAJI, Serife Barcin OZTURK, Hatice RAHMET GUNER, Fatma DOGAN GUZEL*	
2	806- Development and characterization of biomimetic composite grafts for hard tissue repair Mahmut PARMAKSIZ*	
3	278- COI ve ITS 1-2 Gen Bölgeleri ile <i>Prosimulium rachiliense</i> Djafarov, 1954 (Diptera: Simuliidae) Türü Türkiye Populasyonlarının Genetik Çeşitliliklerinin Araştırılması Büşra ASLAN*, Ebru Ceren FİDAN, Ümit ŞİRİN	
4	181- Assessment of gelatin based <i>Cocos nucifera</i> oil biomaterial via optimizing common <i>in vitro</i> techniques for skin engineering Serap Yesilkir-Baydar*	
5	626- Patates kabuğundan biyogaz eldesi Nurhayat Kaya*	
6	351- Olgunlaştırılmış kars kaşar peynirindeki peptitlerin izolasyonu ve biyoaktif özelliklerinin belirlenmesi Kardelen CEMEK*, M. Ümit ÜNAL	
7	325- Effects of Wild and Cultured Form of Thyme on A-549 Cell Membrane Ayse Gokhan*	
Discussion		
Break (12:00 - 12:30)		

ORAL PRESENTATIONS		
26 November 2021	SESSION 15	Time 12:30 - 14:00
Session 15.1 /12:30 - 14:00		Session Chair :
1 247- Kombucha Kalitesi Üzerine Etki Eden Üretim Parametreleri Halil Ozan SARAÇ, Bengi HAKGÜDER TAZE		
2 58- Health risks of Foodborne <i>Enterococcus</i> spp. Simge Aktop*, Pınar Şanlıbabası		
3 65- Probiyotik ve fonksiyonel bir ürün perga (arı ekmeği) Nuray Şahinler , Nesibe Özge Toy*		
4 69- Doğu Anadolu Bölgesinde (Türkiye) üretilen peynir ürünlerindeki radyoaktivite Gülçin BİLGİCİ CENGİZ*, İlyas ÇAĞLAR		
5 98- Bazı tahıl ve baklagil filizlerinin kimyasal özellikleri ve biyoaktif bileşenlerinin sağlık üzerine etkileri Ayşe Seda Şenlik, Derya Alkan		
6 188- Reliable and straightforward identification of foreign diastase adulterated honey by enzyme-origin discrimination İsmail Emir Akyıldız*, Ece Kök Yetimoğlu, Sinem Raday, Özge Erdem, Sezer Acar, Dilek Demirel, Emel Damarlı		
7 200- Fermentation of cellulose hydrolysate Bahar MERYEMOGLU, Berna NIS*, Burçak KAYA OZSEL		
Discussion		
Break (14:00- 14:30)		
Session 15.2 / 12:30 - 14:00		Session Chair :
1 38- Using of ultrasound technology in poultry sector Gülbiz HASKARACA*, Fatma AL		
2 214- One pot in-situ aqueous derivatization and subsequent determination of aminoglycosides in honey by means of mass spectrometry Sezer Acar*, İsmail Emir Akyıldız*, Ece Kök Yetimoğlu, Özge Erdem, Dilek Demirel, Sinem Raday, Emel Damarlı		
3 221- Abiyotik stres koşullarının bazı ticari ekmek mayası suşlarında üreme özelliklerine ve amilaz , invertaz enzim aktiviteleri üzerine etkilerinin araştırılması Hilal Sezer Demireğen, Sezai Türkeli *		
4 236- Marketlerde satılan bazı sağlıklı atıştırmalıkların metilglioksal (MGO) ve glioksal (GO) miktarlarının belirlenmesi Büşra Yusufoğlu*, Emine Karakuş		
5 240- Et ürünlerinde tuz kullanımı ve azaltılması Merve ÇELİK*, Fatma Yağmur HAZAR		
6 509- Düşük molekül ağırlıklı aldehitlerin belirlenmesi için farklı ekstraksiyon yöntemlerinin karşılaştırılması Emine NAKILCİOĞLU*		
7 519- Et ve et ürünlerinde heterosiklik aromatik aminler Fatma Yağmur Hazar, Tuğba Gider		
Discussion		
Break (14:00- 14:30)		

Session 15.3 / 12:30 - 14:00		Session Chair :
1	520- A potential antimicrobial wound dressing based on cerium crosslinked alginate and carboxymethyl cellulose Seyedeh Golnar ABTAHI*, Burcu ORHAN, Hakan KAYGUSUZ	
2	551- Applications of Fourier transform infrared spectroscopy in detecting disease or drug-related molecular changes in soft tissues Sebnem Garip Ustaoglu*	
3	622- Tamoksifen-DNA etkileşiminin incelenmesi için elektrokimyasal DNA nanobiyoşensörünün geliştirilmesi Yeşim Tuğçe Yaman*, Gülçin Bolat, Serdar Abacı	
4	642- Voltammetric determination of cloxacillin and nafcillin with nanowire structured electrodes Tugba SARDOHAN KOSEOGLU, Sumeyye DEMIRHAN*, Ebru CUBUK DEMIRALAY	
5	645- Design and optimization of hydrogel tablets inside blister packages Kemal Çetin*	
6	100- Development of sensor system by using molecular imprinting method to detect glycoprotein Sinem Diken Gür	
Discussion		
Break (14:00- 14:30)		

Session 15.4 / 12:30 - 14:00		Session Chair :
1	105- İyi İmalat Uygulamaları Standartlarında Üretilen Hücresel Ürünlerin Kalite Kontrol Validasyonları Olga Nehir ÖZTEL*, Erdal KARAÖZ	
2	172- The effect of the cross-linker ratio used in gellan gum biomaterial synthesis on biomineralization Serbülent Türk*, Burak Ünlü, Mahmut Özcar	
3	174- Characterization of gellan gum-graphene oxide hybrid hydrogel for strain sensor application Serbülent Türk*, Burak Ünlü, Mahmut Özcar	
4	347- Investigation of thrombosis in a microfluidic device by using computational fluid dynamics (CFD) Mesude Avcı*	
5	813-Examination of FDA nozzle geometry by using computational fluid dynamics (CFD) Mesude Avcı	
6	510- Ophthalmic Biosensor Systems Onur İnam*, Esra Oguz	
Discussion		
Break (14:00- 14:30)		

ORAL PRESENTATIONS		
26 November 2021	SESSION 16	Time 14:30 - 16:00
Session 16.1 /14:30 - 16:00		Session Chair :
1 155-Static adsorption studies of methylene blue onto cross-linked calcium hydroxyapatite-alginate-graphene oxide nanocomposite hydrogel beads Asmae Snik*		
2 213-Elaboration of iron (III) cross-linked sodium alginate-graphene oxide composite hydrogel beads: Eco-friendly-decolorization materials for cationic dye Asmae Snik*		
3 361-Ferrosen Türevleri ile Fonksiyonelleştirilmiş Grafen Bileşiklerinin Sentezi Karakterizasyonu ve Düşük Sıcaklıklar da H ₂ O ₂ Aktivasyonunun İncelenmesi Fatih ÇEVİK*, Gözde Özlem KINOĞLU,Gökhan CEYHAN		
4 372-Molecularly Imprinted Polymer Based Biosensor System for Peptide Biomarker Detection Fatih TÜRK , Nimet YILDIRIM TİRGİL		
5 684-Ultrasonik homojenizatör cihazı kullanılarak katı hal sentez yöntemi ile üretilen perovskit BaMnO ₃ bileşiklerin yapısal özellikleri Yasemin ALTINAY*, Selvin TURGUT		
6 692-Perovskit SrMnO ₃ bileşiklerinin sentezi ve karakterizasyonu Selvin TURGUT*, Yasemin ALTINAY		
7 402- Reaktif Boyarmadde ve Kimyasal Mordan Kullanımı ile Nylon Kumaşların Boyanmasının Araştırılması Güzin Akyol, Behçet Becerir*		
Discussion		
Break (16:00 - 16:30)		
Session 16.2 / 14:30 - 16:00		Session Chair :
1 366- A Novel Solvent System that Stands Out with its Superior Properties in Extraction Applications: Terpenoid-Based Hydrophobic Eutectic Solvents Melisa LALIKOĞLU		
2 450- Siirt/Koçpınar Kili Üzerine Rhodamine-B Boyar Maddesinin İzoterm ve Termodinamik Hesaplamaları Ali Rıza KUL , Veysel BENEK *		
3 633- Preparation of potential activated carbons for the adsorption of pharmaceuticals by microwave irradiation method and investigation of their surface properties Berna KOÇER KIZILDUMAN*		
4 656- Tribenuron methyl herbisitinin sulardan elektrooksidasyon yöntemiyle gideriminde BDD elektrotların etkinliğinin belirlenmesi Tuğçe Demirel*, Yusuf Yavuz		
5 668- Fe-Elektrokoagülasyonu ile Tribenuron methyl ve 2,4-D Isooctyl ester herbisitlerinin model atıksudan giderimi Tuğçe Demirel*, Yusuf Yavuz		
6 659- Sonophotocatalytic degradation of tris(2-chloroethyl) phosphate (TCEP) with green synthesized ZnO nanoparticles Mohammad Qadher Ahmadi, Fadime Karaer Özmen*,Ali Savaş Koparal		
7 661- Production of ZnO nanoparticles by green synthesis and antimicrobial activity determination Mohammad Qadher Ahmadi,Fulya Okutay, Berkcan Aytüre, Fadime Karaer Özmen*,Ali Savaş Koparal		
Discussion		
Break (16:00 - 16:30)		

Session 16.3 / 14:30 - 16:00		Session Chair :
1	763-Kanatlı hayvan beslemede meyve çekirdekleri kullanımı Esma Barasoğlu, Canan Kop Bozbay*	
2	765-Free range kanatlı yetiştirciliğinde yeşil kaba yemlerin kullanımı Gamze Yigit, Canan Kop Bozbay*	
3	732-Productivity and Meat Quality of Broiler Chickens Using a Feather Feed Additive Caisin Larisa*, Scrippnic Elena , Putin Victor, Bivol Ludmila, Malenchi Dumitru, Al Khatib Jehad Abd Aljabar Hassan	
4	383-Bacteriological investigation and the evaluation of the effect of milking parlor control on udder health and prophylaxis in terms of subclinical mastitis in dairy goats Ozge Ardicli, Emsal Sinem Ozdemir Salci, Mahmut Akyol, Serpil Kahya Demirkilek, Sena Ardicli	
5	699-Association of the SCD, ANXA9, TG, HSL, and PRKAG3 gene polymorphisms with carcass and fattening performance traits in Simmental cattle Sena Ardicli, Hale Samli, Beyza Karalar, Nursen Senturk, Deniz Dincel, Bahadir Soyudal, Faruk Balci	
6	603-Serological evaluation of canine parvovirus infection in unvaccinated dogs Hatice Pelin ASLIM*, Irmak DİK	
7	796-Molecular detection and characterization of bovine noroviruses from cattle in the konya region in Turkey Irmak DİK, Oya BULUT, Oğuzhan AVCI, Mustafa HASÖKSÜZ, Hasan Sercan PALANCI, Hatice Pelin ASLIM*, Zafer BULUT	
Discussion		
Break (16:00 - 16:30)		

Session 16.4 / 14:30 - 16:00		Session Chair :
1	18- Properties of paper containing bactericidal zeolite adsorbents Vladimer Tsitsishvili, Nanuli Dolaberidze, Nato Mirdzveli*, Manana Nijaradze, Zurab Amiridze, Bela Khutshishvili	
2	89- Synthesis and DPPH scavenging activities of some new benzimidazole derivatives Gülay AKYÜZ*	
3	115- Synthesis, Characterization and Molecular Docking Studies of Novel Sulfadrugs-Pyrrole Conjugates Mehmet GÜMÜŞ*, Şemsi Nur KAYA, Yusuf Sert, İrfan KOCA	
4	128- Ultrasound-Assisted Extraction, Fix-Bed Column Separation and HPLC Analysis of Pentacyclic Triterpenoids from Almond hulls Mzia Tsitsagi, Imeda Rubashvili, Ketevan Ebralidze*, Mariam Chkhaidze, Manana Buzariasvili, Akaki Kalatozishvili	
5	162- Discovery of novel 1,4-naphthoquinone derivatives as bioactive molecules Aysegul Iscan*, Nahide Gulsah Deniz, Cigdem Sayil	
6	168- Boya duyarlı güneş hücreleri için farklı akseptör grupları içeren kinolin bileşiklerinin sentezi Nagihan Öztürk*, Fatih Kaplan, Barış Seçkin Arslan, İlkay Şişman, Mehmet Nebioğlu	
7	254- Experimental and theoretical studies of novel hydrazone dyes Zeynep Gizem TAŞ, Ebru AKTAN*, Zeynel SEFEROĞLU	
Discussion		
Break (16:00 - 16:30)		

ORAL PRESENTATIONS		
26 November 2021	SESSION 17	Time 16:30 - 18:00
Session 17.1 / 16:30 - 18:00		Session Chair :
1 99-Consistency of otolith shape within the species: <i>Cyprinus carpio</i> Serdar YEDİER*		
2 104-Otolith mass asymmetry of Flathead grey mullet (<i>Mugil cephalus</i> Linnaeus, 1758) inhabiting Mersin Bay, Turkey Seda KONTAŞ*		
3 164-Geometric Morphometry of the Pupal Gill Filaments as a Tool for Discrimination of <i>Simulium ornatum</i> species group (Simuliidae: Diptera) in Turkey Ebru Ceren FİDAN*, Ümit ŞİRİN		
4 239-Molecular phylogeny of <i>Hemiechinus auritus</i> (Gmelin, 1770) in Turkey and neighboring areas Medine ÖZMEN*, Sadık DEMİRTAŞ , İslam GÜNDÜZ		
5 252-Türkiye Cantharidae (Insecta: Coleoptera) familyası üzerinde zoocoğrafik değerlendirmeler Müge Özdemir*, Mahmut Kabalak		
6 514-Orta Anadolu Bölgesi Simuliidae (Diptera) Tür Çeşitliliği ve Türkiye Siyah Sinek Faunasının Güncel Durumu Ümit ŞİRİN*, Ebru Ceren FİDAN, Hakan ÇALIŞKAN		
7 607-Contributon to the molecular phylogeny of European roe deer <i>Capreolus capreolus</i> (Mammalia: Cervidae) from Turkey using cytochrome c oxidase subunit I gene Perinçek Seçkinozan ŞEKER*		
Discussion		
Break (18:00 - 18:30)		
Session 17.2 / 16:30 - 18:00		Session Chair :
1 301- <i>Mylabris</i> (s.str.) <i>quadripunctata</i> (Linnaeus, 1767) ve <i>M.</i> (s.str.) <i>variabilis</i> (Pallas, 1781) (Coleoptera: Meloidae) türlerinin yayılış örüntüleri ve iklim değişikliğinin olası etkileri Muhammed Arif Demir*, Mahmut Kabalak		
2 303-Ankara ili (Türkiye) Meloidae (Insecta: Coleoptera) familyasının ekolojik özellikleri ve zoocoğrafik kompozisyonu Muhammed Arif Demir*, Mahmut Kabalak		
3 413-One new species and one new record species of the genus <i>Zodarion</i> (Araneae, Zodariidae) from Turkey İlhan COŞAR*		
4 458-Scanning electron microscope study on the ovary morphology in <i>Isophya rectipennis</i> Brunner von Wattenwyl, 1878 (Orthoptera, Tettigoniidae) Damla Amutkan Mutlu*, Irmak Polat, Zekiye Suludere		
5 475-Atatürk Baraj Gölü kıyısındaki kirli ve temiz bölgelerden toplanan midyelerde Na^+ / K^+ ATPaz, Mg^+ ATPaz ve Ca^+ ATPaz aktivitelerinin incelenmesi Miraç Uçkun		
6 476-Kültür Levreği (<i>Dicentrarchus labrax</i>) pilorik seka'sından tripsin enzimi saflaştırılması ve karakterizasyonu Nihat KARASU*, Ali GÜNLÜ		
7 478-Histological and physiological examination of the digestive system before and after feeding of the medicinal leech <i>Hirudo verbana</i> Carena, 1820. Özmen Ülger, Hüseyin Ayhan*		
8 396-Zinitidae of Moroccan caves: Taxonomy and distribution Soumia Moutaouakil*, Fatima Zahra Guennoun, Mohamed Ghamizi		
Discussion		
Break (18:00 - 18:30)		

Session 17.3 / 16:30 - 18:00		Session Chair
1	431- Çevresel Hassas Alanlarda Yayılış Gösteren Endemik <i>Dianthus ancyrensis</i> Hausskn.&Bornm.'nin Fitoekolojik ve Morfolojik Özellikleri Melda Döldarslan*, Ebru Gü'l	
2	433- Küçükayla (Çankırı-Yapraklı)'nın Ekolojik Özellikleri Melda Döldarslan*, Ebru Gü'l	
3	432- Çölleşme Sürecinde Yarı Kurak Bozulmuş Mera Alanında Toprak- Bitki İlişkilerinin İncelenmesi Ebru Gü'l*, Melda Döldarslan	
4	434- Yarı Kurak Mera Alanlarında Bitki Adaptasyonunda Toprak Özelliklerinin Rolü Ebru Gü'l*, Melda Döldarslan	
5	570- Biyokaçaklılığın Biyoçeşitlilik Üzerine Etkileri Sema Taşdemir*, Ali Gü'l	
6	67- Using geometric morphometrics as a tool to evaluate the conservation status and the wing shape variability of the Saharan honey bee (<i>Apis mellifera sahariensis</i> Baldensperger, 1932) from Morocco Abdessamad Aglagane*, Omar Er-Rguibi, El-Mustapha Laghzaoui, Latifa Kimdil, El Hassan El Mouden, Mohamed Aourir	
Discussion		
Break (18:00 - 18:30)		

Session 17.4 / 16:30 – 18:00		Session Chair :
1	17- Parasites load, throat colours and cellular immune response in <i>Quedenfeldtia trachylepharus</i> , a high-altitude gecko endemic to Morocco Omar Er-Rguibi*, El-Mustapha Laghzaoui, Abdessamad Aglagane, Latifa Kimdil, Abdelaziz Abbad, El Hassan El Mouden	
2	23- Parasites and health measurements in three Alpine lizards from High Atlas of Morocco Omar Er-Rguibi*, Abdessamad Aglagane, El-Mustapha Laghzaoui, Latifa Kimdil, Abdelaziz Abbad, El Hassan El Mouden	
3	76- Evaluation of parasitological diversity in <i>Mauremys leprosa</i> populations from natural environment in Morocco, implications for conservation El-Mustapha Laghzaoui*, Omar Er-Rguibi, Abdessamad Aglagane, Latifa Kimdil and El Hassan El Mouden	
4	83- Study of electrocution in power lines as a cause of bird mortality through the prey-predator relationship El-Mustapha Laghzaoui* Abdessamad Aglagane, Mohamed Radi and El Hassan El Mouden	
5	339- Yapay Resif Batıkları: Rekreasyonel Aktiviteler için Cazibe Araçları Tuğçe Şensurat Genç	
6	389- Aksaray'da yetişen endemik <i>Limonium anatolicum</i> türünün koruma öncelikleri Mehtap Tekşen*, Ebru Doğan Güner, Gökçen Baysal Furtana, Aynur Demir, Adeleh Rashidi	
Discussion		
Break (18:00 - 18:30)		

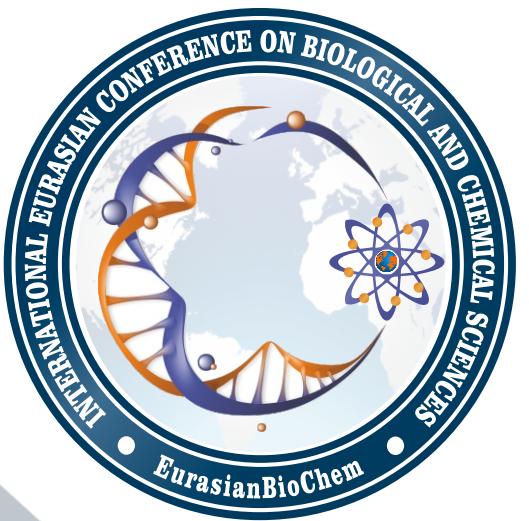
ORAL PRESENTATIONS

26 November 2021		SESSION 18	Time 18:30 – 20:00
Session 18.1 / 18:30 – 20:00		Session Chair :	
1 57- Determination of the effects of ethyl paraben and propyl paraben on the fecundity of <i>Drosophila melanogaster</i> Emel Atlı			
2 106- <i>Drosophila melanogaster</i> 'in somatik hücrelerinde kobalt nanopartiküllerinin indüklediği genetoksisiteye karşı resveratrol'ün antigenotoksik etkisi Ayşen Yağmur KURŞUN*, Burçın YALÇIN, Merve GÜNEŞ, Ghada TAGORTİ, Bülent KAYA			
3 116- Melatoninin 900 Mhz Elektromanyetik Radyasyona Karşı Koruyucu Etkisinin <i>Drosophila Melanogaster</i> 'da Araştırılması Ayşen Yağmur KURŞUN*, Kayhan ATEŞ, Merve GÜNEŞ, Burçın YALÇIN, Şükrü ÖZEN, Bülent KAYA			
4 305- Effects of echinacoside on SH-SY5Y neuroblastoma cell viability Sema Serter Koçoğlu			
5 470- Emamectin Benzoate Maruziyetinde Erkek Farelerin Beyninde Glutatyon ve Stres Proteini Düzeyleri Üzerine Etkileri Özge Temiz			
6 738- Propiconazole maruziyetinde <i>Oreochromis niloticus</i> Böbrek Dokusunda Protein Karbonil Düzeylerine Akut Etkileri Özge Temiz			
7 482- The protective role of gallic acid on fenitrothion induced epididymal toxicity in rats Çağlar ADIGÜZEL , Fatma Gökcé APAYDIN			
8 748- Adaptive responses developed by fish to stress Demet DOĞAN			
Discussion			

Session 18.2 / 18:30 – 20:00		Session Chair :
1 786-Investigation of the Use of PTFE in the Machinability of Polyolefins: Blowing Film and Injection Molding Applications Gözde Özlem KINOĞLU*, Eylem EROL, Gökhan CEYHAN		
2 792-Eriyik Üfleme İle Kalıplanmış Gözenekli Liflerin Üretimi ve Karakterizasyonu Eylem Erol, Gözde Özlem Kinoğlu , Gökhan Ceyhan		
3 407-Effect of the chemical treatment on the mechanical properties of the natural fiber/Thermodurcissable polymer composite Laib Nouri *, Benyahia Azzedine, Deghfel Nadir		
4 355-Evaluation of materials from the excavation of the Ouenza hematite deposit (North-East Algeria) by gravimetric enrichment Nadir Deghfel *, Chouki Farsi, Azzedine Benyahia , Moussa Zaoui		
5 378-Effect of alkaline treatment and processing time on the morphology of Alfa fibers (<i>Stipa Tenacissima</i>) Benyahia Azzedine* , Deghfel Nadir , Addour Yaqout		
6 386-Effect of alkaline treatment and processing time on the mechanical properties of the Unsaturated Polyester/Alfa fiber composite Azzedine Benyahia * , Nadir Deghfel , Addour Yaqout , Nouri Laib		
7 245-Fabrication of electrospun poly (ε-caprolactone) fibers incorporated with <i>Calophyllum inophyllum</i> essential oil as potential wound dressing Cem Reşat Üstündağ * , Mehmet Burçın Pişkin		
Discussion		

POSTER PRESENTATIONS 3		26 November 2021
POSTER SESSION 3.1		Session Chair :
		Time 18:30 - 20:00
1	75- The effect of COVID-19 pandemic on the consumption practices of people in Turkey Hatice Sıçramaz, Güliz Haskaraca *and Yusuf Arslan	
2	150- Evaluation of Chemical Risks in R&D Laboratories Working with Volatile Organic Compounds Erhan ÜNAL, Mehmet GÜMÜŞ*, İ. Evren Kıbrız, Gönül Kunt Kandemir	
3	539-5-((1H-benzo[d][1,2,3]triazol-1-il)metil)-4--adamantan-1-il)-2,4-dihidro-3H-1,2,4-triazol-3-tiyon bileşiginin sentezi teorik hesaplamaları ve Sars-Cov-2 karşı potansiyelinin araştırılması Murat GENÇ*	
4	541-5-((1H-benzo[d][1,2,3]triazol-1-il)metil)-4-(naftil-1-il)-2,4-dihidro-3H-1,2,4-triazol-3-tiyon bileşiginin sentezi teorik hesaplamaları ve Sars-Cov-2 karşı potansiyelinin araştırılması Murat GENÇ*	
5	734- Retrospective Comparison of Full Urine Examination Levels of Covid-19 Individuals and Normal Individuals Damla Serpil Serin, Hale Gök Dağıdır, Seda Gökgöz , Neslihan Bukan	
6	59- Epidemiological investigation of abortion in ewes in Algeria Laatra Zemmouri*, Said Boukhechem , Samia. Haffaf, Mohamed Lafri	
7	136- Examination of Owned Dogs and Stray Dogs For Important Gene Expressions Associated with the Initial Immune Response Mehmet Cevat TEMİZKAN*, Gonca SONMEZ	
8	676- Evaluation of non-enzymatic rapid immunofiltration assay (nerifa) test for anti-brucella antibody detection in bovine milk samples Evrim Genç , Gülnur Serdar, Yunus Kılıçoğlu, Oktay Genç*	
9	677- Molecular detection of <i>Borrelia burgdorferi sensu lato</i> in <i>Ixodes ricinus</i> collected from cattle in Turkey Evrim Genç , Özlem Büyüktanır Yaş *	
10	798- Bakır oksit nanopartikülünün yerfistığındaki (<i>Arachis hypogaea L.</i>) biyokimyasal etkileri Abir Deli Osman*, Muhittin Doğan	
11	428- Thermal destruction of <i>Salmonella Enteritidis</i> in ground chicken by a mixture of yarrow, ribwort and garden sorrel extracts Serap Coşansu, Ayşegül Ay , Samin Toupal*	
12	439- Kamkatın muhafazası ve çeşitli gıdaların üretiminde kullanımı Nuray Can, Meryem BADAYMAN*	
13	119- Miraculous from nature: Resveratrol Emel Atlı	
Discussion		

POSTER SESSION 3.2		Session Chair :	Time 18:30 - 20:00
1	272- Preparation and Characterization of Fe ₃ O ₄ -Decorated Composites of Sodium Alginate and Polyglycidyl Methacrylate Selin Burcu ANGI*, Gülay BAYRAMOĞLU		
2	349- Synthesis and Development of Aqueous Polyacrylates As Pre-Treatment Agent for Pigment Digital Printing of Cotton Öznur Emeklioğlu*, Serdal Bingöl*		
3	697- Double layer electrospun thermoplastic polyurethane-gelatin nanofiber scaffolds for biomedical applications. Effect of plasma treatment on adhesion of two layers. Arzu Yıldırım*, Eray Sarper Erdoğan, Şeyma Çağlayan, Ruya Keskinkaya, F. Seniha Güner, M. Erol Taygun		
4	219- Zinc oxide nanoparticles as potential antibacterial agents Ayşe Avci*, Mohammed Hamk, Fikriye Alev Akçay		
5	334- Comparison of siRNA Loading Quantification between Spherical and Non-Spherical Gold Nanoparticles Aybüke Ülkü KUTLU, Cansu Ümran TUNÇ, Ömer AYDIN		
6	215- Estimation on fixed-bed column parameters for boron removal from geothermal water by adsorption onto modified olive pruning waste Ayşe Gamze Sevinç*, İdil Yılmaz İpek, Oğuz Bayraktar, Özgür Arar		
7	179- Construction of dye sensitized mpg-CN/MS ₂ (M: Mo, W) structures for photocatalytic hydrogen evolution Fatmanur Doganay*, Seda Yilmaz , Gizem Yanalak , Emre Aslan, Önder Metin, Imren Hatay Patir		
8	655- Effects of CsgD regulation on autoinducer-2 activity in <i>Salmonella Typhimurium</i> Melih Aşan, Nasrine Bekhedda, Nefise Akçelik*		
9	681- Anti-biofilm activity of quercetin and umbelliferone against some multi-drug resistant bacteria Eda Altınöz*, Ergin Murat Altuner		
10	764-Statik kültür ortamında üretilmiş bakteriyel selüloz esaslı içi boşluklu yapı üretimi Nur Kılıç*, Dicle Özdemir Küçükçapraz		
11	80- <i>In vitro</i> T lymphocys cell proliferation and oxidative stress modulation by coffee parchment aqueus extracts Amel Didi*, Amel Medjdoub, Amel Saidi, Nassima Malti, Hafida Merzouk		
12	275- Development of an Automatic Disinfection Device and Solution Ayşe Büşra KARAKAYA, Melike ATAMAN, Merve KİREMİT*		
Discussion			



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