



KİMYAGERLER
DERNEĞİ



5EBAT

EURASIA
BIOCHEMICAL
APPROACHES &
TECHNOLOGIES

2-5 NOVEMBER 2023 ANTALYA CONGRESS

EBAT 2023 CONGRESS PROGRAMME

November 02, 2023 Thursday

13:00-17:00	Registration	Registration Desk
17:00-17:30	Convention II	
	Opening Ceremony	
Session 1 – Chair: Prof. İsmet Yılmaz	Convention II	
17:30-18:05	Invited Speaker (IS1) : Prof. Arzum Erdem Gürsan	
	Electrochemical Nucleic Acids Biosensors with The Recent Applications	
18:05-18:20	Oral Presentation (OP1): Özgecan Erdem	
	Determination of Multiple Bacteria on Plasmonic Surfaces	
18:20-18:35	Oral Presentation (OP2) : Okan Zenger	
	Designing of L-Proline Specific Nanoparticles	
19:00	Dinner	



November 03, 2023 Friday

Session 2 – Chair: Prof. Ahmet Çolak

Convention II

09:00-09:35	Invited Speaker (IS2) : Prof. Roberto Fernandez-Lafuente
	Enzyme Co-Immobilization: Advantages, Necessity, Problems and Solutions
09:35-09:50	Oral Presentation (OP3) : Mohd Shukuri Mohamad Ali
	Molecular Expression and Immobilization of Hormone-Sensitive Lipase Like Esterase from <i>Glaciozyma antarctica</i>
09:50-10:05	Oral Presentation (OP4): Sevgi Balcıoğlu
	Immobilization of α -amylase onto Electrospun PCL/CHI Nanofibers
10:05-10:20	Oral Presentation (OP5): Kübra Aslan
	Microbial Phenazines as Potential Enzyme Inhibitors for Metabolic Diseases: Fermentative Production, Kinetic and Docking Studies
10:20-10:35	Oral Presentation (OP6): Roukia Benyammi
	Biochemical Profile of <i>In Vitro</i> Regenerated and <i>In Vivo</i> Grown <i>Lavandula stoechas</i> Plants
10:35-10:55	Coffee Break

Session 3 – Chair: Dr. Nihal Engin Vrana

Convention II

10:55-11:30	Invited Speaker (IS3) : Assoc. Prof. Ilaria Palchetti
	Microfluidic Procedures for The Electrochemical Biosensing of Isothermally-Amplified DNA
10:30-11:45	Oral Presentation (OP7): Dilek Çam Derin
	Dot Blot Assay for Rapid Detection of SARS-CoV-2
11:45-12:00	Oral Presentation (OP8) : Abeer Aleskndrany
	FTIR and DSC Investigations of The Inclusion of L-T3 in SM Model Membranes
12:00-12:15	Oral Presentation (OP9): Burhan Bora
	<i>In vitro</i> Selection of DNA Aptamers Against Hazelnut Allergen Protein Cor a 11
12:15-12:30	Company: MSc. Elif Nihan Çetin (MedSanTek)
	New Generation Solutions at Western Blot



12:30-13:00	Workshop: New Generation Solutions at Western Blot (MedSanTek)	
13:00-14:00	Lunch	
Session 4 – Chair: Assoc. Prof. Ilaria Palchetti		Convention II
	Invited Speaker (IS4) : Assist. Prof. Esra Akbay	
14:00-14:35	Development of Immunogenic Autochthonous Mouse Lung Cancer Models to Study Immune Resistance in Lung Cancer	
	Oral Presentation (OP10) : Kerem Tok	
14:35-14:50	Exploring the Potentiality of Endogenous Bioactive Peptides from Barley (<i>Hordeum vulgare</i> L.) Sprouts and Their Beneficial Role on Diabetes and its Complications	
	Oral Presentation (OP11) : Neşe Başak Türkmen	
14:50-15:05	Effect of Beta-Glucan on Oxidative Stress, Inflammation, Hormonal and Histopathological Changes in Dehydroepiandrosterone-Induced Polycystic Ovary Syndrome	
	Oral Presentation (OP12) : Mariam Kavakci	
15:05-15:20	Thiol-Disulfide Homeostasis in Neuromuscular Diseases: A Preliminary Study	
15:20-15:45	Coffee Break	
Session 5 – Chair: Prof. Lokman Uzun		Convention II
	Invited Speaker (IS5) : Assist. Prof. Ezgi Karaca	
15:45-16:20	Artificial Intelligence Revolution in Structure-Based Drug Design	
	Oral Presentation (OP13) : Sidar Bereketoglu Nergis	
16:20-16:35	Evaluation of DNA Methylation Analyzes in the Context of Oocyte Reprogramming	





16:35-16:50	Oral Presentation (OP14): Emrah Dikici	
	Preparation of Dipeptide-Based Nanoparticles and Their Cellular Interactions	
16:50-17:05	Oral Presentation (OP15): Canbolat Gürses	
	The Effectiveness Investigation of Some Apricot Cultivars on Endoplasmic Reticulum Stress in Different Cancer Cells	
17:05-17:20	Coffee Break	
	Short Oral Presentation	Short Oral Presentation
	Chair 1: Prof. Hatice Kaplan Can Chair 2: Assoc. Prof. Ahu Arslan Yıldız	Chair 1: Prof. Burak Derkuş Chair 2: Assist. Prof. Nur Mustafaoğlu
	Convention II	Convention I
17:20-17:25	Oral Presentation (OP35): Mohd Shukuri Mohamad Ali	Oral Presentation (OP53): Kazım Köse
	Structural and functional determination of an Aquaporin from <i>Antarctic Pseudomonas sp.</i>	Multi-Adsorption with Eupergit CM
17:25-17:30	Oral Presentation (OP36): Kübra Turan	Oral Presentation (OP54): Ömür Acet
	Electrochemical Aptasensor for tThe Detection of Cardiac Troponin T: The Diagnosis of Acute Myocardial Infarction	IMAC Application of Extracellular Polymeric Substances Doped Composite Membranes for α -Amylase Separation and Kinetic Studies
17:30-17:35	Oral Presentation (OP37): Yusuf Aslan	Oral Presentation (OP55): Aleyna İtmeç
	Hybrid Biosensing Systems for Detecting Biomolecules and Alzheimer's Disease Biomarkers	Removal of Chromium From Wastewater Using Chromium Imprinted Polymer
17:35-17:40	Oral Presentation (OP38): Hussain Kawsar Chowdhury	Oral Presentation (OP56): Ayşegül Akı
	Towards A Cost-effective Point-of-care Capacitive System for Rapid Antibiotic Susceptibility Testing	Comparison of The Antifungal Effects of Cinnamaldehyde Microencapsulation with Different Polymers in Tomato Paste





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18:10-18:15	Oral Presentation (OP45): Oğuzhan Durmaz	Oral Presentation (OP63): Kader Kelle
	Cardiopulmonary Bypass and Hypothermia-Induced Alterations in Plasma Metabolome Profile in Adult Cardiac Surgery	Development of Antibacterial CMC (carboxymethyl cellulose) - SA (sodium alginate) Based Hydrogel Films as A Potential Candidate for Wound Dressing
18:15-18:20	Oral Presentation (OP46): Rabia Cankul Kerek	Oral Presentation (OP64): Nermin Gündüz
	Exploring New Drug Candidates for Antimicrobial Resistance in <i>Pseudomonas aeruginosa</i> Through Integration of Transcriptome Data and Genome-Scale Metabolic Model	Development of Ribociclib Loaded Polycaprolactone (PCL)/Chondroitin Sulfate (CS) Nanofiber as Transdermal Drug Delivery Systems
18:20-18:25	Oral Presentation (OP47): İlke Karakaş	Oral Presentation (OP65): İpek Canatar
	Production of Microbial Pigment from Whey	<i>Phyllanthus emblica</i> Loaded Wound Dressing Materials
18:25-18:30	Oral Presentation (OP48): Eda Günay	Oral Presentation (OP66): Meryem Damla Özdemir Alkış
	The Physiological and Biochemical Effects of Nitric Oxide and Brassinosteroid on Two Wheat Varieties Under Drought Stress	Development of A 3D Glioblastoma Cell Culture Model using pHEMA-Gelatin Cryogels for Improved Biological Understanding
18:30-18:35	Oral Presentation (OP49): Arın Öztürmen	Oral Presentation (OP67): Betül Eken
	Synthesis of Novel Phthalocyanines and Their Usage as a Catalyst in the Photooxidation of Benzyl Alcohol	Preparation and Characterization of Polycaprolactone (PCL)/Resistant Starch (RS) Nanofibers as Probiotic Carrier
18:35-18:40	Oral Presentation (OP50): Ulviye Kilimci	Oral Presentation (OP68): Defne Çiğ
	Investigation of The Usage of The Lipase Attached Micromotors For Degradation of Oils as Water Contaminant	MicroRNA-Based Drug Repositioning Revealed Candidate Drugs for Abdominal Aortic Aneurysm

18:40-18:45	Oral Presentation (OP51): Baha Öndeş	Oral Presentation (OP69): Mehmet Kuzucu
	Development of The Tyrosinase Enzyme Modified Multisegmental Nanowire Biosensor for Determination of Bisphenol A	Synergistic Effects of <i>Cynara scolymus</i> Leaf Extract and Sorafenib on Polyamine Metabolism in HepG2 Hepatocellular Carcinoma Cells
18:45-18:50	Oral Presentation (OP52): Burcu Eren Yüngeviş	Oral Presentation (OP70): Burcu Önal Acet
	Preparation of L-Proline Imprinted Nanoparticle Based Surface Plasmon Resonance Sensors for L-Proline Detection	Preparation and Characterization of Dipeptide-Based Nanomaterials for Their Potential Cellular Interactions
18:50-20:00	Poster Presentations (PP01-PP80 and OP35-OP104)	Convention II
20:00	Dinner	



November 04, 2023 Saturday

Session 6 – Chair: Prof. Metin Sitti

Convention II

09:00-09:35	Invited Speaker (IS6) : Prof. Hilmi Volkan Demir Semiconductor Nanocrystal Optoelectronics with Colloidal Quantum Dots to Wells: Pushing The Limits, Breaking Records
09:35-09:50	Oral Presentation (OP16) : Münevver Tuna Genç Effective Hydrogen Evolution by Using Bio-templated Rare Earth Element Doped Photocatalysts
09:50-10:05	Oral Presentation (OP17): Ebru Akdoğan Enhancing The Natural Lifecycle of Bioplastics: Plasma Technology as An Eco-Friendly Solution
10:05-10:20	Oral Presentation (OP18): Eylül Gülşen Yılmaz Microfluidic Chip-Based Systems for Monitoring Cancer Therapy
10:20-10:35	Oral Presentation (OP19): Seda Demirel Topel Investigating Singlet Oxygen Generation in Titanium Dioxide Nanoparticles Decorated with 2,6-Diiodo-Boron-Dipyrromethene Molecules
10:35-10:55	Coffee Break

Session 7 – Chair: Prof. Arzum Erdem Gürsan

Convention II

10:55-11:30	Invited Speaker (IS7) : Dr. Ecevit Yılmaz Development of Commercial Resins for Food Purifications
10:30-11:45	Oral Presentation (OP20) : Burhan Beycan Revolutionizing Textile Properties: A Study on The Electrospinning of Biocompatible Polymer Blend onto Cotton Fabric
11:45-12:00	Oral Presentation (OP21) : Pırlıl Arısoy Development of Angiotensin (II) Imprinted Nanoparticles
12:00-12:15	Oral Presentation (OP22): Zaib un Nisa Mughal Development of MIP Based Graphene Oxide Substrate for Detection of Melamine in Milk



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16:05-16:10	Oral Presentation (OP72): Ahmet Çetin	Oral Presentation (OP89): Semih Latif İpek
	Catalyzing Neuroprotection: Iron Nanoparticles Modified with Deinoxanthin in A Parkinson's Disease Cellular Model	Investigating the Cytotoxic Effects of Astaxanthin Isolated from <i>Blakeslea trispora</i> on Glioblastoma Cells
16:10-16:15	Oral Presentation (OP73): Okan Zenger	Oral Presentation (OP90): Ece Kaya
	Development of a 3D Neuroblastoma Cell Culture Model Using pHEMA-Gelatin Cryogel Scaffolds	Valorization of Grape Juice Wastes to Produce Citric Acid by <i>Aspergillus niger</i>
16:15-16:20	Oral Presentation (OP74): Gamze Dik	Oral Presentation (OP91): Okan Acar
	Preparation of Peroxygenase-Loaded Sodium Alginate Beads by Electrospraying Method: Characterization and Effect on Catalytic Activity	Effect of Different Concentrations of Hydrogen Sulfide Treatment on Antioxidant Capacity in Barley Under Drought Stress
16:20-16:25	Oral Presentation (OP75): Münevver Müge Çağal	Oral Presentation (OP92): Selahattin Karacan
	Halopteris Scoparia: Biosynthesis of Silver Nanoparticles and Determination of Its Antibacterial Activity	Neuroprotective Potential of <i>Asparagus officinalis</i> L. Extracts on Rotenone-Induced Parkinson's Disease Model in SH-SY5Y Cells
16:25-16:30	Oral Presentation (OP76): Aykut Özgür	Oral Presentation (OP93): İdris Ayhan
	The Genes That Carry Key Mutations in Breast Cancer	Effects of Taurine on 2,3,7,8-Tetrachlorodibenzo-p-Dioxin-Induced Oxidative Stress in the Hearts of Rats



16:30-16:35	Oral Presentation (OP77): Zeliha Esra Çakmak	Oral Presentation (OP94): Mehmet Sait Yılmaz
	Production of Polymeric Nanofiber Membranes Containing Plant Extract and Investigation of Their Potential in Wound Healing	Investigation of Exosome and miRNA Content as A Potent Marker of Colon Cancer for Early Diagnosis
16:35-16:40	Oral Presentation (OP78): Hacer Kurt	Oral Presentation (OP95): Müge Teker Yıldız
	Investigation of Antibacterial Activities of Metal Nanoparticle-Loaded Copper Sulfides	Biochemical Responses of Two Bacteria Isolated from Çanakkale Coastal Zone on Barley Under Salt Stress
16:40-16:45	Oral Presentation (OP79): Ayşe Demirbaş	Oral Presentation (OP96): Soumeya Krinat
	Investigation of Antibacterial Activities of Copper Antimony Sulfides with Rod and Dot Structures	Chemical Composition, Antioxidant and Antimicrobial Properties of Essential Oil Extracted from <i>Satureja candidissima</i> (Munby) Briq.
16:45-16:50	Oral Presentation (OP80): Büşra Bakar	Oral Presentation (OP97): Hatice Palüzar
	Immobilization of Xylanase on Chitosan Nanoparticles: A Robust Nanobiocatalyst for Juice Clarification	Investigation of Inhibition Kinetics of Various Plant Extracts on Polyphenol Oxidase Enzyme from <i>Paulownia Tomentosa</i> and Binding Mechanism by Molecular Docking
16:50-16:55	Oral Presentation (OP81): İpek Canatar	Oral Presentation (OP98): Nihan Günay
	Knockdown of XPO5 Delays Cell Wound Healing and Increase in Apoptosis in Larengeal Cancer Cells By Regulating miR-138	Combined Neuroprotective Effects of L-DOPA and Deinoxanthin on Dopaminergic SH-SY5Y Cells Exposed to Rotenone: Implications for Parkinson's Disease
16:55-17:00	Oral Presentation (OP82): Tuğçe Özcan	Oral Presentation (OP99): Ayten Burcu Efe
	Antibacterial Effect of ZnPc/TiO ₂ on <i>E. coli</i> and <i>S. aureus</i> Bacteria	Investigation of The Potential Contribution of Beta Carotene in the Treatment of Glioblastoma

17:00-17:05	Oral Presentation (OP83): Begüm Başbuğ	Oral Presentation (OP100): Ali Kuruçay
	Preparation and Characterization of Biocompatible Materials From Keratin-based Nanofibers by Electro-Spinning Method	Phenylboronic Acid Functional N-Heterocyclic Carbene Precursors: Synthesis, Characterization, DNA Binding, Anticancer Activities, Inhibitory Properties Against Acetylcholinesterase and Xanthine Oxidase
17:05-17:10	Oral Presentation (OP84): Demet Erdonmez	Oral Presentation (OP101): Seda Ağçam
	Effects of <i>Aronia melanocarpa</i> L. Fruit Extract on Oral Pathogen Biofilms such <i>S. mutans</i> and <i>E. faecalis</i>	The Investigation of Phenolic Components and Antioxidant Activities of Wild Olive Variety "Delice" in Winter and Summer Seasons
17:10-17:15	Oral Presentation (OP85): Kübra Ece Coşkuner	Oral Presentation (OP102): Ahmet Burak Altunsöz
	Anticancer Activities of A Cellulose Acetate Encapsulated Bodipy Derived Photosensitizer on Melanoma and Colorectal Carcinoma Cells	Investigation of The Effect of Pterostilbene on Head and Neck Cancer Cell Lines
17:15-17:20	Oral Presentation (OP86): Ecem Çiçek Kocabaş	Oral Presentation (OP103): Zehra Gül Morçimen
	Development of pH-sensitive Bacterial Cellulose Nanofiber Wound Dressings for Wound Monitoring	Macrophage Polarization and Its Role in Apoptotic Neural Recovery
17:20-17:25	Oral Presentation (OP87): Tuğba Aygün	Oral Presentation (OP104): Ünzile Keleştemur
	Synthesis of Tyrosinase Immobilized Metal-Organic Frameworks (MOFs) For Use in The Removal Of Phenolic Compounds	Investigation of Cytotoxic/Apoptotic Effects Different Species of Apricot in Malatya
17:30-19:30	Poster Presentations (PP01-PP80 and OP35-OP104)	Convention II
19:30	Dinner	

November 05, 2023 Sunday

Session 9 – Chair: Dr. Ecevit Yılmaz

Convention I

09:00-09:35	Invited Speaker (IS9) : Dr. Desiree Gül
	Mechanisms of Toxicity at Nanomaterial-Biological Interfaces
09:35-09:50	Oral Presentation (OP28): Ümit Hakan Yıldız
	Study of Penetration Systematic of Cationic Conjugated Polymer Dots in Blood-Brain Barrier Model
09:50-10:05	Oral Presentation (OP29): Hakan Erdoğan
	Bio-inspired Nanoparticle Approach to Plasmonic Phototherapy Based Drug Release Application
10:05-10:20	Oral Presentation (OP30): Sahar Porrang
	Extraction of Highly Pure, Economically Viable, and Scalable Biogenic Mesoporous Silica Nanoparticles (MSNs) from Biosources: Ideal Nanocarriers for Drug Delivery Applications
10:20-10:35	Company: Hülya Kayandan (Tolkim)
	Effective Solutions for The Active First Aid Management of Chemical Accidents
10:35-10:55	Coffee Break
Session 10 – Chair: Dr. Desiree Gül	
Convention I	
10:55-11:30	Invited Speaker (IS10) : Dr. Nihal Engin Vrana
	The Use of Supramolecular Systems in Medical Applications and Their Risk Assessment Using Advanced Characterisation Tools
10:30-11:45	Oral Presentation (OP31): Yeşeren Saylan
	Designing Spatial Fingerprints of Exosomes on A Nanoparticles for Diagnosing Breast Cancer on An Optical Biosensor

11:45-12:00	Oral Presentation (OP32): Elif Gündüz The Advantages of The Aptamer Usage in Lateral Flow Assays for Viral Detection
12:00-12:15	Oral Presentation (OP33): Merve Durmuş Collagen-Cu(II) Hybrid Nanoflowers: Chip and Alternative Biomaterials for Epinephrine Detection
12:15-12:30	Oral Presentation (OP34): Hichem Moulahoum Surface Modification of Screen-Printed Electrodes (SPE) with An Ionic Liquid-Hydrogel Hybrid Material for Electrochemical Detection of Illicit Drugs
12:30-13:30	Closing Session
	Awards for Poster Presentation
	Closing Ceremony



Poster Presentation

Convention II

PP01	Nilufer Cakir PEGylation of Fab Fragments for Advanced Drug Delivery Purposes
PP02	Batuhan Göç Boric Acid Loaded Carboxymethylcellulose/N-succinylchitosan Hydrogels as A Intracanal Medicament: Contact Angle on Dentine Surfaces and Boron Delivery in Physiological Media
PP03	Sibel Kılınç Alpat Applications of p-type Semiconductor Biosensors in Medicine
PP04	Hasret Tolga Şirin Protein Adsorption Behavior on Laser Patterned Titanium Surfaces
PP05	Gözde Aydoğdu Tığ Fabrication of A Flexible and Sustainable Hand-Made Electrochemical Sensing Platform
PP06	İhsan Alacabey Removal of Pharmaceutical Micropollutant Ciprofloxacin with Activated Carbon
PP07	Cenk Erdoğan Antifouling and Anticorrosion Performances of ZnO, TiO ₂ and SiO ₂ Nanoparticles Containing Polypyrrole-Coated Steel Surfaces in The Marine Environment
PP08	Yomna Soliman Human Bone Marrow-Mesenchymal Stem Cells Differentiation into Brain-Like Endothelial Cells
PP09	Yeşim Erdoğan Efficient Differentiation of Mesenchymal Stem Cells into Endothelial Cells Induced by Endothelial Cells Conditioned Medium



PP10	Nafisa Tanjia
	The Influence of Cobalt Chloride on the Differentiation of Brain Microvascular Endothelial Cells from Induced Pluripotent Stem Cells
PP11	Zeynep Doğan
	Differentiation of Mesenchymal Stem Cells into Brain-Like Endothelial Cells
PP12	Gülşah Sevimli
	Mesenchymal Stem Cells' Neuronal Differentiation and Their Functional Assessment with Multielectrode Array
PP13	Meryem Damla Özdemir Alkış
	Cytotoxic Effect of β -Caryophyllene on Pancreatic Cancer Cells: An Investigation of Potential Therapeutic Applications
PP14	Fatmanur Yazıcı
	The Effect of Water Soluble Metallophthalocyanines on α -Glucosidase Activity
PP15	Fatmanur Yazıcı
	Interaction of Water Soluble Metallophthalocyanines with DNA and Their α -Glucosidase Inhibition Potentials
PP16	Ömer İrfan Küfrevioğlu
	Determination of The Inhibition Effects of Some Newly Synthesized Schiff Bases on Lipxygenase Enzyme Activity Quinoa (<i>Chenopodium Quinoa Willd.</i>)
PP17	Ömer İrfan Küfrevioğlu
	Purification of Glutathione S-Transferase Enzyme From Human Erythrocytes, Investigation of The Effects of Some Carbazole Derivatives on Enzyme Activity
PP18	Fevzi Topal
	Assessment of Anticholinergic Properties of Some Schiff Base Metal Complexes
PP19	Fevzi Topal
	Synthesis and Antioxidant Capacity of Some Metal Complexes



PP20	Tunca Karasu Conjugated Conducting Polymer Based Impedimetric Human Chorionic Gonadotropin (hCG) Aptasensor
PP21	Semih Latif İpek L-Asparaginase: Production and Applications in Pharmaceuticals and The Food Industries
PP22	Sedat Odabaş Bioinks from Decellularized Tissues: Expertise of bteLAB
PP23	Şükrü Kaan Konaklı Decellularized Cabbage and The Material Characterization
PP24	Gülderen Karakuş Investigation of The Relationship between The Chemical Structures and The Cytotoxicity of Some Maleic Anhydride-Containing Copolymers as Polymeric Drug Carriers
PP25	Kübra Işık Partial Purification of Glutathione Reductase Enzyme from Gill Tissue of Bonito (<i>Sarda sarda</i>) Fish and Examination of Its Inhibition Kinetics
PP26	Kübra Işık Purification of Glutathione Reductase Enzyme from Whiting Fish Liver Tissue and Investigation of Metal Inhibition
PP27	Barış Can Körükçü Comparison of Pesticide Loads and Degradation Potentials of <i>Punica granatum</i> L. Samples Collected from Two Different Regions in The South Aegean
PP28	Barış Can Körükçü Determination of Pesticide Residue Levels in <i>Citrus limon</i> L. Samples by Tandem Mass Spectrometry Multiple Reaction Monitoring (MRM) Method
PP29	Çağrı Tartan Investigation of Hydrophobicity and Microbial Activity of Boron Containing Nano Coatings





PP30	Nagihan Saglam Ertunga Investigation of DNA Binding Properties and Antidiabetic Effect of A New Water-Soluble Nonperipheral Zn(II) Phthalocyanine Complex and <i>in silico</i> Computational Studies
PP31	Burcu Akar Cyclodextrin and Halloysite Based Nanosponges for Enhanced Drug Carrier
PP32	Roukia Benyammi Enhancing Micropropagation and Secondary Metabolite Production in <i>Lavandula dentata</i> for Therapeutic and Cosmetic Applications
PP33	Gölin Baran Glioblastoma-Blood-Brain-Barrier-On-A-Chip
PP34	Maryam Atabay Investigating Interactions between Exosome and Polymeric Matrix: An <i>in silico</i> Study
PP35	İlyas Özçiçek Design of Micro/Nano-Patterned and Conductive PCL/PLGA Scaffolds for the Oriented Growth of Motor Neurons
PP36	İlyas Özçiçek Synthesis and Characterization of Quercetin Modified Gold Nanoparticles
PP37	Münevver Müge Çağal Development of Liposomal Juglone Formulation and Determination of Its Antibacterial Activity
PP38	Roberto Fernandez-Lafuente Step by Step Coimmobilization of Lipases with Very Different Stability using Heterofunctional Octyl Agarose Beads: Reuse of The Most Stable Immobilized Lipase to Build A New Combilipase after The Least Stable Lipase Inactivation
PP39	Roberto Fernandez-Lafuente Use of Vinyl Sulfone Activated Supports for The Step by Step Coimmobilization of Enzymes Following Different Events:



	Reutilization of The Most Stable and Covalently Immobilized Enzyme to Build New Combienzymes
PP40	Hasan Özdemir Purification of Lactoperoxidase Enzyme from Different Sources by Hydroxamic Acid Based Affinity Chromatography
PP41	Merrouche Rabiaa A New Dithiolopyrrolone Antibiotic Derivative Induced by Adding Cystine to The Culture Medium of <i>Saccharothrix Algeriensis</i> NRRL B-24137
PP42	Merrouche Rabiaa Antibacterial Activity of MD14 Strain of <i>Streptomyces</i> Isolated from Algerian Soil
PP43	Mehmet Hüseyin Alkan Determination of The Antiaging and Antidiabetes Effects of <i>Astragalus leporinus</i> Boiss. var. <i>hirsutus</i> (Post) Chamberlain, A. <i>distinctissimus</i> Eig and A. <i>schizopterus</i> Boiss. Species, Three Endemic Species Growing in Anatolia
PP44	Mehmet Hüseyin Alkan Determination of Antiaging and Antidiabetes Effects of Four <i>Centaurea</i> L. Species from Anatolia
PP45	Meryem Topal Evaluation of Antioxidant Potential of Some Schiff Base Metal Complexes
PP46	Meryem Topal Some Metal Complexes Containing Schiff Base: Synthesis and Bioactivity Study
PP47	Gamze Kara Mağden Development of A Veterinary Health Product That Accelerates Wound Healing From Acellular Tissue-Based Biomaterials
PP48	Muhammet Aydin A Simple and Rapid Impedimetric Biosensor Modified with Magnetic Iron Oxide Nanoparticles for The Detection of Cotinine
PP49	Almaysh Haidar Rizqullah Preparation and Characterization of Exosome Imprinted Cryogels





PP50	Melike Yıldırım Akatın α -Glucosidase Inhibition Potentials of Some New Pyrazoline Derivatives
PP51	Fulya Yoldaş Recombinant Production and Characterization of ADP-Ribosyltransferase Enzyme
PP52	Soumeya Kırat Chemical Analysis and Antioxidant Effect of Essential Oils Extracted from Two Algerian Teucrium Species: <i>T. flavum</i> and <i>T. polium</i>
PP53	Aleyna Tecer Investigation of Shielding Properties of Conductive Cotton Composite Fabric Materials Against Electromagnetic Waves
PP54	Sude Yılmaz Repurposing Biotech Waste: Production of Bioactive Peptides through Histone Protein Isolation from Discarded Cells
PP55	Kerem Tok Utilizing <i>Lepidium Sativum</i> L. Extract as Biopesticides Against Tetranychus Urticae Koch for Effective Management of Food Crops
PP56	Hülya Yağar The Cytotoxic Effect of Green Walnut Husks on Melanoma Cancer Cells
PP57	Nurşah Hüma Tatoğlu Purification and Inhibition of Acetylcholinesterase from <i>Halyomorpha halys</i> (Stål) (Heteroptera: Pentatomidae)
PP58	Ecenaz Merve Namli Label-Free Identification of Oxidative Stress through Exosomes Isolated from Stem Cells
PP59	Songül Bayrak Synthesis and Characterization of Starch@Metal Oxide Bionanofilms for Immobilization of Lactoperoxidase
PP60	Bilge Hilal Çadırcı Determination of Siderophores in Brucellosis Agents



PP61	İrem Kırış Comparative Analysis of Lysis Buffers for Protein Extraction from Organ Chips
PP62	Şebnem Selen İşbilir An Investigation on Biological Activities of <i>Jerusalem artichoke</i> Leaf
PP63	Merve Koç Recombinant Thaumatin Production in <i>Pichia Pastoris</i> Using The GAP and AOX1 Promoters
PP64	Ali Dişli Synthesis and Antimicrobial Activities of New Donepezyl Derivative Thiotetrazole Compounds
PP65	Nurdan Akdoğan Synthesis, Characterization, and Anticancer Activities of New Phenothiazine Derivatives
PP66	Nazlı Ece Varan Immobilization of Protease from <i>Bacillus sp.</i> on Magnetic Multi-Walled Carbon Nanotubes
PP67	Özlem Yalçın Çapan Characterization and Biocompatibility of Plant oil-Based Polymer Nanocarriers for the Gene Delivery
PP68	Ahu Arslan Yıldız Use of Hydrocolloid Bioinks to Fabricate 3D Bioprinted Tumor Models
PP69	Deniz Ekinci Biological Evaluation of Plant-Derived Exosomes
PP70	Elifsu Polatlı A Microfluidic Platform for Studying Macrophage Polarization Under Mechanically Dynamic Conditions
PP71	Kardelen Cemek Preparation of Etoposide-Loaded Human Serum Albumin Nanoparticles and Controlled Release of Etoposide for Glioblastoma





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