

Thursday, Oct 19<sup>th</sup>, 2023

08:30 – 09:45 <b>Registration</b> Davutpasa Convention Centre			
09:45 – 10:20 <b>Opening Ceremony</b> Davutpasa Convention Centre, Big Hall			
10:20 – 10:45 <b>Music Recital</b> Davutpasa Convention Centre, Big Hall			
<b>General Session 1 Chair: Dr. Şeref GÜÇER</b>			
10:45 – 11:35 [IL01] (Big Hall)  <b>Dr. Zoltan MESTER</b> <i>“Use of Micro-plasmas for Metal Speciation”</i>			
11:35 – 12:15 [IL02] (Big Hall)  <b>Dr. Antony CALOKERINOS</b> <i>“Analytical Chemistry and Circular Economy”</i>			
12:15 – 12:25 <b>Memorial Session (Big Hall)</b>  <i>In memory of Dr. Osman Yavuz ATAMAN</i>			
12:25 – 12:40 <b>Tecknowledge Presentation_01 (Big Hall)</b>  <b>Newtech Chemical Company</b>			
	<b>Oral Session 1</b> <b>Prof. Dr. Osman Yavuz ATAMAN Hall</b> <b>Chair: Dr. Sema DEMİRCİ ÇEKİÇ</b>	<b>Oral Session 2</b> <b>Prof. Dr. Mehmet DOĞAN Hall</b> <b>Chair: Dr. Ayşegül GÖLCÜ</b>	<b>Oral Session 3</b> <b>Prof. Dr. Güler SOMER Hall</b> <b>Chair: Dr. Halil İbrahim ULUSOY</b>
12:45 – 13:00	[OP01] <b>Müge YERMEYDAN PEKER</b> <i>“Dual-Function Antioxidant Capacity Measurement Using A Single Chromogenic Reagent”</i>	[OP04] <b>Zeynep KALAYCIOĞLU</b> <i>“Synthesis, Characterization and Photocatalytic Dye Degradation Activity of the Ternary Composite Composed of Cerium Oxide Nanoparticles, Graphene Oxide and Polyacrylamide”</i>	[OP07] <b>Nouha BAKARAKI TURAN</b> <i>“The Cohort of Concern Compounds: A New Era in the Future of Pharmaceuticals and Drug Development”</i>
13:00 – 13:15	[OP02] <b>Bihter ŞAHİN</b> <i>“Determination of Phenolic Contents, Antioxidant Activity and Tyrosinase Inhibition of Ficus carica Leaf Extracts”</i>	[OP05] <b>Nilay KAHYA</b> <i>“Removal of Fluoride Ions from Water by Cerium Oxide Nanoparticles Doped Cerium-Carboxymethyl Cellulose: Optimization, Adsorption Isotherm and Kinetic Studies”</i>	[OP08] <b>Mehmet ATAKAY</b> <i>“Isomeric Analysis of Drug Molecules Using Trapped Ion Mobility-Mass Spectrometry Technique”</i>
13:15 – 13:30	[OP03] <b>Ülkü Nida ÇOLAK</b> <i>“Evaluation of Antioxidant Activity and Total Phenolic Contents in Anatolian Royal Jellies”</i>	[OP06] <b>Zeynep MARAŞ</b> <i>“The Investigation of Survivability and Bioaccumulation of the Zinc Sulphur-NPs on Gammarus Pulex”</i>	[OP09] <b>Kamila KOSZELSKA</b> <i>“Electrochemical Sensing of A Novel Tyrosine Kinase Inhibitor”</i>
13:30 – 14:15 <b>LUNCH</b>			
14:15 – 15:00 <b>Poster Session 1</b>			
<b>General Session 2 Chair: Dr. Yücel ŞAHİN</b>			
15:00 – 15:40 [IL03] (Big Hall)  <b>Dr. Jiri DEDINA</b> <i>“The Significance of The Radical Theory of Hydride Atomization for Trace Element Analysis”</i>			
15:40 – 16:20 [IL04] (Big Hall)  <b>Dr. Mustafa SOYLAK</b> <i>“Research Progress in the Use and New Applications of Microextraction and Solid Phase Extraction for Water and Food Analysis”</i>			
16:20 – 16:30 <b>Tecknowledge Presentation_02 (Big Hall)</b>  <b>KPDN</b>			
16:30 – 16:45 <b>Coffee Break</b>			
	<b>Oral Session 4</b> <b>Prof. Dr. Osman Yavuz ATAMAN Hall</b> <b>Chair: Dr. Fırat AYDIN</b>	<b>Oral Session 5</b> <b>Prof. Dr. Mehmet DOĞAN Hall</b> <b>Chair: Dr. Durişehvar ÜNAL</b>	<b>Oral Session 6</b> <b>Prof. Dr. Güler SOMER Hall</b> <b>Chair: Dr. Bedia ERİM BERKER</b>

16:45 – 17:00	<b>[OP10]</b> <b>Özgür ÖZALP</b> <i>“Efficient Dispersive Solid-Phase Microextraction of Three Triazole Fungicides from Fruit Juices and Water Samples Using A Ni-Co MOF/ Zn-NTA Nanoflowers Hybrid Composite”</i>	<b>[OP14]</b> <b>Ashı BAYSAL</b> <i>“Impact of Soluble and Exchangeable Concentrations of Elements in Surface Sediments from Recreational Areas on Culturable Bacterial Behaviors”</i>	<b>[OP17]</b> <b>Serkan KARAKAYA</b> <i>“An Application to Electrochemical Determination of Covid-19 Drug: Favipiravir at Pencil Graphite Electrode Boosted with Functionalized-Carbon Nanotubes”</i>
17:00 – 17:15	<b>[OP11]</b> <b>Rukiye ZENGİN</b> <i>“Chemical Composition of Fruits and Leaves of Some Black Mulberry, Chokeberry and Elderberry Genotypes”</i>	<b>[OP15]</b> <b>Esra SU</b> <i>“Mechanical and Microstructural Properties of Alginate and Composite Films”</i>	<b>[OP18]</b> <b>Kader VURAL</b> <i>“Electrochemical Determination of Entacapone, An Antiparkinson Drug Active Ingredient, Using Pencil Graphite Electrode”</i>
17:15 – 17:30	<b>[OP12]</b> <b>Songül ULUSOY</b> <i>“Development of A Fabric Phase Extraction-based Sensitivity Analysis Method for the Determination of Levetiracetam and Lamotrigine Drug Molecules”</i>	<b>[OP16]</b> <b>Ebru EROL</b> <i>“Isolation and Characterization of Bioactive Secondary Metabolites of the Endemic &amp; Edible Polygonum sivasicum by Nuclear Magnetic Resonance Spectroscopy together with Comprehensive Chemical Analysis”</i>	<b>[OP19]</b> <b>Merve Hatun YILDIR</b> <i>“Redefining Precision in Cancer Treatment: A Novel Electrochemical Approach Using Bimetal Oxide Composites for Niraparib Quantification”</i>
17:30 – 17:45	<b>[OP13]</b> <b>Ümmügülsüm MORGÜL</b> <i>“Simultaneous Determination of Pravastatin Sodium and Glipizide Drug Molecules After Fabric Phase Microextraction”</i>		<b>[OP20]</b> <b>Abdullah-AI FAYSAL</b> <i>“Development and Fabrication of A Molecularly Imprinted Polymer-based Electroanalytical Sensor for the Determination of Acyclovir”</i>
17:45– 18:30 <b>Poster Session 2</b>			
19:00 – 22:00	<b>OPENING COCKTAIL</b>		

Friday, Oct 20<sup>th</sup>, 2023**General Session 3 Chairs: Dr. Mehmet YAMAN**

09:00 – 09:40 [IL05] (Big Hall)

**Dr. Ryszard LOBIŃSKI***“Advanced Mass Spectrometry in Elemental Speciation Analysis”*

09:40 – 10:20 [IL06] (Big Hall)

**Dr. Nikolaos THOMAIDIS***“Exploring The Chemical Universe of Environmental Samples Through Cutting-edge Analytical Methodologies and Advances Chemometric Techniques”*

10:20 – 10:30 Memorial Session (Big Hall)

*In memory of Dr. Mehmet DOĞAN*

10:30 – 10:45 Tecknowledge Presentation\_03 (Big Hall)

**Redoks Kimya ve Laboratuvar Cihazları**

10:45 – 11:00 Coffee Break

	<b>Oral Session 7</b> <b>Prof. Dr. Osman Yavuz ATAMAN Hall</b> <b>Chair: Dr. Mustafa Zafer Özel</b>	<b>Oral Session 8</b> <b>Prof. Dr. Mehmet DOĞAN Hall</b> <b>Chair: Dr. Nicolaos Lydakis-Simantiris</b>	<b>Oral Session 9</b> <b>Prof. Dr. Güler SOMER Hall</b> <b>Chair: Dr. Yusuf Dilgin</b>
11:00 – 11:15	[OP21] <b>Triantafyllos ALBANIS</b> <i>“Novel HRMS Approaches for the Analysis of Pesticide Residues in High Consumption Fruit Commodities”</i>	[OP27] <b>Üzeyir DOĞAN</b> <i>“Quantification of Some Metallic Content of Aronia Melanocarpa L. Plant with ICP-OES”</i>	[OP33] <b>Rafia NIMAL</b> <i>“Development of Cobalt and Nickel-based Metal Organic Frameworks Using Quinizarin Linker for Highly Efficient Oxygen Evolution Reaction in Alkaline Media”</i>
11:15 – 11:30	[OP22] <b>Halil İbrahim ULUSOY</b> <i>“Easy Applications of Solid Phase Extraction for Sensitive Drug Molecules by Conventional HPLC System”</i>	[OP28] <b>Ash BAYSAL</b> <i>“Determination of Soluble and Geochemically Reactive Concentrations of Metals in Surface Sediments from Lakes in Marmara Region-Turkey, and Their Risk Assessment”</i>	[OP34] <b>Bakr ALDOORI</b> <i>“Development of an Advanced Electrochemical Sensor for Detection of Antioxidants based on Porous Metal Organic Frameworks”</i>
11:30 – 11:45	[OP23] <b>Kartal ÇETİNTÜRK</b> <i>“Determination of N-Nitrosamines in the Gas-Chromatography Coupled with Tandem Mass Spectrometry (GC-MS/MS) by Using Hydrogen as Carrier Gas and the Investigation of Their Mass Spectrums under the Plausible of Hydrogenation”</i>	[OP29] <b>Oktay CANKUR</b> <i>“Development of A Triple ID-ICP-MS Method for SI Traceable Measurement of Pd in Waste Printed Circuit Board Material”</i>	[OP35] <b>Dilek ESKİKOY BAYRAKTEPE</b> <i>“Electrochemical DNA Biosensor Based on Screen Printed Carbon Electrode Modified with P(L-Methionine)/Au-Pt Nanoparticles/DNA for the Detection of Erlotinib”</i>
11:45 – 12:00	[OP24] <b>Beyza YÜCE</b> <i>“A Scientific Research on the Presence of Bisphenol A (BPA) and Di-(2-Ethylhexyl) Phthalate (DEHP) Released from Different Plastic Containers into Citrus Oils”</i>	[OP30] <b>Nurdan AKAKÇE</b> <i>“Monitoring of Radionuclides and Heavy Metals From Wetlands in Kırklareli”</i>	[OP36] <b>Sevda AKAY SAZAKLIOĞLU</b> <i>“Biosensor Microchips: The Study of the Response of the Pencil Graphite Electrode against Carcinoembryonic Antigen (Cea) to be Used in Microchip Applications”</i>
12:00 – 12:15	[OP25] <b>Çağlar DEMİRBAĞ</b> <i>“Simultaneous Determination of Tenofovir Disoproxil and Emtricitabine by Hydrophilic Interaction Liquid Chromatography in Tablet Dosage Forms”</i>	[OP31] <b>Nuray GÜY</b> <i>“Designing Mo<sub>2</sub>C/C Modified BiOI Heterojunction Nanocomposites for Enhanced Photocatalytic Efficiency”</i>	[OP37] <b>Zehra Özden ERDOĞAN</b> <i>“Design of MOF-based Electrochemical Sensor for Detection of Rosmarinic Acid in Rosemary”</i>
12:15 – 12:30	[OP26] <b>Cemil AYDOĞAN</b> <i>“Development of Neutral Monoliths for Proteomics Analysis in Nano-Liquid Chromatography”</i>	[OP32] <b>Gökhan SARP</b> <i>“Graphitic Carbon Nitride and Magnetic Nano Diamond (g-C<sub>3</sub>N<sub>4</sub>@NDs@Fe<sub>3</sub>O<sub>4</sub>): A Multifunctional Nanomaterial for Magnetic Solid Phase Extraction and Photocatalytic Degradation of Sildenafil Citrate”</i>	[OP38] <b>Pelin ŞENEL</b> <i>“Multi-Spectroscopic and Voltammetric Studies on the Interactional of Anticancer Drug Cladribine with Double Helix Deoxyribonucleic Acid”</i>
12:30 – 13:30	<b>Poster Session 3</b>		
13:30 – 14:15	<b>LUNCH</b>		

**General Session 4 Chair: Dr. Reşat APAK**

14:15 – 14:55 [IL07] (Big Hall)

**Dr. Anastasia HISKIA***“Advanced Oxidation Processes for Water Purification from Cyanotoxins and Taste & Odor Compounds”*

14:55 – 15:35 [IL08] (Big Hall)			
<b>Dr. Önder METİN</b>			
<i>“An Overview of Advanced Analytical Techniques Used in Nanomaterial Characterization with the Case Studies”</i>			
15:35 – 15:50 Tecknowledge Presentation_04 (Big Hall)			
NEGANS			
15:50 – 16:00 Coffee Break			
	<b>Oral Session 10</b> <b>Prof. Dr. Osman Yavuz ATAMAN Hall</b> <b>Chair: Dr. Okan Tarık KOMESLİ</b>	<b>Oral Session 11</b> <b>Prof. Dr. Mehmet DOĞAN Hall</b> <b>Chair: Dr. Mehmet KORKMAZ</b>	<b>Oral Session 12</b> <b>Prof. Dr. Güler SOMER Hall</b> <b>Chair: Dr. Georgios THEODORIDIS</b>
16:00 – 16:15	<b>[OP39]</b> <b>Mustafa Zafer ÖZEL</b> <i>“Green Chemistry and Some Applications in the Food and Pharma Industries”</i>	<b>[OP45]</b> <b>Merve VURUCUEL</b> <i>“Production of Complete Blood Count Reagents for Hemogram Devices and Monitoring of Analytical Performance Parameters”</i>	<b>[OP51]</b> <b>Hamid HASHEMI-MOGHADDAM</b> <i>“Uric Acid Analysis in Body Fluid by A Novel Biosensor based on Molecularly Imprinted Polymer Coated Nanofiber Composite”</i>
16:15 – 16:30	<b>[OP40]</b> <b>Nebiye KIZIL</b> <i>“Deep Eutectic Solvent Dispersive Liquid Liquid Microextraction Methods for the Analysis of Chlorophyll”</i>	<b>[OP46]</b> <b>Sinem DEMİR</b> <i>“In-Vitro Release Study of Pt(II) And Fe(III) Metallocefotaxime Drug Candidates in pH Dependent Releasing Mediums Mimicking Human Biological Fluids”</i>	<b>[OP52]</b> <b>Çiğdem KANBEŞ DİNDAR</b> <i>“Nonenzymatic Electrochemical Determination of Metrafenone in Biological Sample based on Iridium Oxide Nanoparticle and Ionic Liquids”</i>
16:30 – 16:45	<b>[OP41]</b> <b>Amir Abbas MATİN</b> <i>“3D-Printed Sorbents for Solid-Phase and Thin Film Microextractions; Applications in Environmental, Biomedical and Food Analysis”</i>	<b>[OP47]</b> <b>Yavuz Selim TOKSÖZ</b> <i>“Purification of Phenylalanine Ammonium Lyase Enzyme from Clover Leaf and Determination of its Kinetic Properties”</i>	<b>[OP53]</b> <b>Erkan YILMAZ</b> <i>“Synthesis of Ag and TiO<sub>2</sub> Nanoparticles Modified Polyacrylonitrile Nanofibers as Reusable SERS Platform for Analysis of Trace Organic Contaminants”</i>
16:45 – 17:00	<b>[OP42]</b> <b>Melike KÜÇÜK</b> <i>“Investigation of The Effectiveness of Dummy Molecularly Imprinted Polymer for the Rapid and Selective Extraction of Monoester Phthalates from Urine”</i>	<b>[OP48]</b> <b>Maryam MOEINI ALISHAH</b> <i>“Purification of Polyphenol Oxidase Enzyme from Avocado by Affinity Chromatography”</i>	<b>[OP54]</b> <b>Ayşegül ERGENLER</b> <i>“Cytotoxic and Genotoxic Effects of Cobalt Nanoleaves on Daphnia Magna”</i>
17:00 – 17:15	<b>[OP43]</b> <b>Hassan Elzain Hassan AHMED</b> <i>“Extraction of Prednisone in Natural and Artificial Biological Liquids with Magnetic Nanodiamond/MOF-199 Nanocomposite Prior to Determination by HPLC”</i>	<b>[OP49]</b> <b>Burcu ORHAN</b> <i>“Preparation and Investigation of PVA-CMC-Cerium Oxide Gel Foams as A Wound Dressing”</i>	<b>[OP55]</b> <b>Mehmet ÖZTÜRK</b> <i>“Determination of Foreign Enzymes in Honey: Adulteration Detection Studies”</i>
17:15 – 17:30	<b>[OP44]</b> <b>Furkan UZCAN</b> <i>“Synthesis and Application of Fe<sub>3</sub>O<sub>4</sub>-MIL-53(Fe)@MXN Hybrid Nanomaterial for <math>\mu</math>-Solid Phase Extraction of Trace Cadmium from Offal and Water Samples”</i>	<b>[OP50]</b> <b>Hacı Mehmet KAYILI</b> <i>“Machine Learning-Assisted Mass Spectrometry-Based Glycomics: The Fast Diagnosis of Gastric Cancer”</i>	<b>[OP56]</b> <b>Muhammad Balal ARAIN</b> <i>“Synthesis of Nanodiamond with Layered Double Hydroxide Nanocomposite as An Adsorbent for Toxic Element Extraction”</i>
17:30 – 17:45 Coffee Break			
17:45- 18:30	<b>Poster Session 4</b>		

Saturday, Oct 21<sup>th</sup>, 2023

General Session 5 Chairs: Dr. Mustafa SOYLAK			
09:00 – 09:40 [IL09] (Big Hall)			
<b>Dr. Reşat APAK</b>			
<i>“Recent Developments in the Determination of Antioxidant Activity and Oxidative Status Using Spectroscopic and Electroanalytical Methods, Also Incorporating Nanotechnology”</i>			
09:40 – 10:20 [IL10] (Big Hall)			
<b>Dr. Georgios THEODORIDIS</b>			
<i>“FoodOmicsGR, National Research Infrastructure for The Comprehensive Characterisation of Foods and Samples from Nutritional Intervention”</i>			
10:20 – 10:30 Memorial Session (Big Hall)			
<i>In memory of Dr. Güler SOMER</i>			
10:30 – 10:45 Tecknowledge Presentation_05 (Big Hall)			
<b>Metrohm Turkey</b>			
10:45 – 11:00 Coffee Break			
	<b>Oral Session 13</b> Prof. Dr. Osman Yavuz ATAMAN Hall Chair: Dr. Yücel KADIOĞLU	<b>Oral Session 14</b> Prof. Dr. Mehmet DOĞAN Hall Chair: Dr. Mehmet ÖZTÜRK	<b>Oral Session 15</b> Prof. Dr. Güler SOMER Hall Chair: Dr. Bekir SALİH
11:00 – 11:15	[OP57] <b>Qamar SALAMAT</b> <i>“Extraction of Curcumin From Water and Food Samples Using A Novel Switchable and Reusable Deep Eutectic Solvent Followed by Spectrophotometric Analysis”</i>	[OP61] <b>Zainab Macid Salim AL-LAMI</b> <i>“Synthesis of Oxidase-Mimetic Manganese Oxide Nanoparticles by KMnO<sub>4</sub> Reduction Using Ascorbic Acid and Its Application to DNA Oxidation”</i>	[OP65] <b>Lokman LİV</b> <i>“Electrocatalytic Determination of Uric Acid with Poly(Tartrazine) Modified Pencil Graphite Electrode in Human Serum and Artificial Urine”</i>
11:15 – 11:30	[OP58] <b>Asiye ÜÇER</b> <i>“A Kinetic Study on the Degradation of Ascorbic Acid in An Alkali Medium Using UV Kinetic Spectrophotometric Measurements”</i>	[OP62] <b>Selen ÇUBUKLU</b> <i>“A Redox-Based Approach for the Visual Detection of Nitroaromatic Energetic Materials”</i>	[OP66] <b>Sezgin YAŞA</b> <i>“Recycling of Spent Li-Ion Batteries for Production of Metal Sulphide as Supercapacitor Electrode Material”</i>
11:30 – 11:45	[OP59] <b>Büşra YÜKSEL</b> <i>“Spectrophotometric Quantification of Tobramycin and Dexamethasone in Combined Pharmaceutical Using PLS Regression Model”</i>	[OP63] <b>Seda UZUNBOY</b> <i>“Generation of Reactive Oxygen Species by Fe(II)/Na<sub>2</sub>SO<sub>3</sub> and Determination Using 3,3',5,5'-Tetramethylbenzidine”</i>	[OP67] <b>Selva BİLGE</b> <i>“Evaluation and Detailed Characterization of SnO<sub>2</sub>-ZnO Mixed Nanoparticles in Terms of Electrode Modification MaterialF”</i>
11:45 – 12:00	[OP60] <b>Gizem TİRİS</b> <i>“Simultaneous Determination of Some Heart Failure Drugs by Spectrophotometric Methods and Green Analysis”</i>	[OP64] <b>Batuhan YARDIMCI</b> <i>“Colorimetric Approaches for the Determination of Ionic Species Using Natural Sources as Green Chromogenic Reagents”</i>	[OP68] <b>Wiem BOUALI</b> <i>“Advancements in Electrochemical Sensing for the Precise Determination of Ribociclib, an Essential Anticancer Drug in Breast Cancer Treatment”</i>
12:00- 13:00	<b>Poster Session 5</b>		
13:00 – 13:45	<b>LUNCH</b>		
14:00 – 19:00	<b>EVENT</b>		
19:00 – 22:00	<b>GALA DINNER</b>		

Sunday, Oct 22<sup>th</sup>, 2023

General Session 6 Chairs: Dr. Zoltan MESTER			
09:30 – 10:10 [IL11] (Big Hall)			
<b>Dr. Elia PSILLAKIS</b> <i>“Vacuum-Assisted Headspace Microextraction: From Theory to a New Product”</i>			
10:10 – 10:50 [IL12] (Big Hall)			
<b>Dr. Okan Tarık KOMESLİ</b> <i>“Endocrine Disruptor Compounds: Their Treatment and Determination Strategies in Environmental Samples”</i>			
10:50 – 11:00 Coffee Break			
	<b>Oral Session 16</b> <b>Prof. Dr. Osman Yavuz ATAMAN Hall</b> <b>Chair: Dr. Erkan YILMAZ</b>	<b>Oral Session 17</b> <b>Prof. Dr. Mehmet DOĞAN Hall</b> <b>Chair: Dr. Hasan ÇABUK</b>	<b>Oral Session 18</b> <b>Prof. Dr. Güler SOMER Hall</b> <b>Chair: Dr. İlknur DURUKAN TEMUGE</b>
11:00 – 11:15	<b>[OP69]</b> <b>Veselina ADIMCILAR</b> <i>“Preparation of pH Sensitive Purple Basil Extract Enriched Biopolymeric Film for Potential Food Preservation and Monitoring of Food Freshness”</i>	<b>[OP72]</b> <b>Feyzullah TOKAY</b> <i>“Preconcentration of Pb(II) and Cd(II) with Coomassie Brilliant Blue G-250 Dye Modified Silica Gel Prior to FAAS Determination”</i>	<b>[OP75]</b> <b>Fatma DEMİRKAYA MİLOĞLU</b> <i>“Investigation of the Role of Sericin in Oxidative Damage: Experimental Knee Osteoarthritis Induced with Monosodium Iodoacetate in Rats”</i>
11:15 – 11:30	<b>[OP70]</b> <b>Dilaycan ÇAM</b> <i>“Chemical Composition of Lactarius Salmonicolor Extract Cytotoxic to LNCaP Cancer Cell Lines”</i>	<b>[OP73]</b> <b>Sema BAĞDAT</b> <i>“Magnetic Dispersive Solid Phase Extraction of Chromium and Copper and Determination with Flame Atomic Absorption Spectrometry”</i>	<b>[OP76]</b> <b>Büşra İPEK</b> <i>“Preparation and Investigation of Chitosan Films Incorporated with Bee Bread Extract as An Active Food Packaging Material”</i>
11:30 – 11:45	<b>[OP71]</b> <b>Filiz KURALAY</b> <i>“Polymer-Based Catalytic Motors for Cancer Cell Recognition”</i>	<b>[OP74]</b> <b>Duygu KARADENİZ</b> <i>“Fenton-Like Photocatalytic Dye Degradation with Biopolymeric Matrix without Using H<sub>2</sub>O<sub>2</sub>”</i>	<b>[OP77]</b> <b>Talshyn BERDESH</b> <i>“Cytotoxic Activity of Lepista Personata (FR.) Cooke Mushroom with Chemical Ingredients”</i>
12:00 - 12:45	<b>LUNCH</b>		
General Session 7 Chairs: Dr. Antony CALEKERINOS			
12:50 – 13:30 [IL13] (Big Hall)			
<b>Dr. Arunas RAMANAVICIUS</b> <i>“Affinity Sensors of The Diagnosis of Covid-19”</i>			
13:30 – 14:15	<b>CLOSING CEREMONY</b>		

## Poster Session 1

<p>[PP01]</p> <p><b>Kenan DOST</b> “Simultaneous Determination of Antibiotics in Chicken Meat by HPLC/UV and Verification by LC-MS/MS”</p>	<p>[PP12]</p> <p><b>Bekir SALİH</b> “Assessment of Monoclonal Antibody N-Glycan Conformations via a Novel TIMS-HPLC-HILIC-FLD Approach”</p>	<p>[PP23]</p> <p><b>Tutku Hazal CANKURTARAN</b> “Concurrent Determination of Niacinamide, Dexpanthenol, Phenoxyethanol and Sodium Benzoate in Serum Sample by HPLC-DAD”</p>
<p>[PP02]</p> <p><b>Slawomira SKRZYPEK</b> “Lipstick Dyes Analysis - Universal Mobile Phase for TLC”</p>	<p>[PP13]</p> <p><b>Müzeyyen MUTİŞ</b> “An Eco-Friendly HPLC Method for the Determination of Theophylline in Pharmaceutical Formulations”</p>	<p>[PP24]</p> <p><b>Yusuf SİCAK</b> “Determination of Chemical Profile Contents by HPLC-DAD and GC-MS of Eucalyptus Citriodora Extracts with Different Techniques and Various Solvents and Examination of Their in Vitro Biological Activities”</p>
<p>[PP03]</p> <p><b>Neşet NEŞETOĞLU</b> “Identification and Determination of Genotoxic Impurities Using GC-MS and LC-MS/MS”</p>	<p>[PP14]</p> <p><b>Emine Kübra İNAL</b> “Investigation of the Chemical Profile of Everlasting Flowers by GC-MS After Solid Phase Microextraction”</p>	<p>[PP25]</p> <p><b>Yusuf SİCAK</b> “Determination of Chemical Contents by HPLC-DAD and GC-MS of Centaurea Cyanus L. Extracts and Examination of Antioxidant and Tyrosinase Inhibition Activities”</p>
<p>[PP04]</p> <p><b>Büşra BİRCAN</b> “An Experimental Approach for the Headspace Extraction of Limonene from Recycled Polyethylene Plastics”</p>	<p>[PP15]</p> <p><b>Emine Kübra İNAL</b> “Determination of the Essential Amino Acids Valine, Isoleucine and Tryptophan by HPLC After Derivatization”</p>	<p>[PP26]</p> <p><b>Gamze YILDIZ</b> “Determination of the Inhibitory Effect of Helichrysum Arenarium L. on Oxidative DNA Base Damage by GC-MS/MS”</p>
<p>[PP05]</p> <p><b>Elif Nilay KAYA</b> “Screening of Clove Oil Adulteration by Spectrophotometric and Chromatographic Methods”</p>	<p>[PP16]</p> <p><b>Esmâ SÖYLEMEZ YEŞİLÇİMEN</b> “Development and Validation of a Quantitative/Confirmatory Method for the Determination of Eprinomectin Drug Residues in Fish by Liquid Chromatography-Mass Spectrometry”</p>	<p>[PP27]</p> <p><b>Beste COŞAR</b> “Synthesis of Some Isotopically Labeled Pesticide Compounds and Their Analytical Applications”</p>
<p>[PP06]</p> <p><b>Buket BODUR</b> “Estimation of Xylometazoline HCl and Benzalkonium Chloride in Commercial Nasal Spray by Reverse Phase HPLC Assay Method”</p>	<p>[PP17]</p> <p><b>Hafsa Mohammed Hussein QABA</b> “Quantification of Ellagic Acid and Rutin in Sambucol and Sambucus Black Elderberry Supplements and Certain Foods by HPLC Using A Phenyl Column”</p>	<p>[PP28]</p> <p><b>Gamze ERGİN KIZILÇAY</b> “A New and Fast HPLC Method for the Determination of Phenoxyethanol in Cream Formulation”</p>
<p>[PP07]</p> <p><b>Alimzhanova MEREKE</b> “Determination the Total Petroleum Hydrocarbons in Water Samples by SPME-GC/MS”</p>	<p>[PP18]</p> <p><b>Hafsa Mohammed Hussein QABA</b> “Determination of Lisinopril Dihydrate by Using Different Analytical Method.”</p>	<p>[PP29]</p> <p><b>Elif Mine ÖNCÜ KAYA</b> “An Ultrahigh-Performance Liquid Chromatography-Fluorescence Detection (UHPLC-FLD) Method for Simultaneous Determination of Ochratoxin A (Ota), Citrinin (Cit) and Zearalenone (Zea) in Certain Cereals using A Core-Shell Biphenyl Column”</p>
<p>[PP08]</p> <p><b>Alimzhanova MEREKE</b> “Chromatographic Analysis of Extract of Karatau Eryngium (Eryngium Karatavicum Iljin)”</p>	<p>[PP19]</p> <p><b>Ayşenur YALÇIN</b> “A New Validated and Stability Indicating Assay Method by HPLC for Combined Hypertension Drug Product: Valsartan and Chlorthalidon”</p>	<p>[PP30]</p> <p><b>Murat KEPÜR</b> “Determination and Quantification of Nitroso-Arylpiperazine on Quetiapine API with LC-MS/MS Application”</p>
<p>[PP09]</p> <p><b>S. Ebru BÜYÜKTUNCEL</b> “Determination of the Nucleic Acid Constituents in Edible Mushrooms by Liquid Chromatography”</p>	<p>[PP20]</p> <p><b>Pelin KÖSEOĞLU YILMAZ</b> “Simultaneous Determination of Phenolic Compounds in Ulva Rigida C. Agardh by SPE And HPLC”</p>	<p>[PP31]</p> <p><b>Aykut KUL</b> “A New Method for the Therapeutic Drug Monitoring of Citalopram and Escitalopram in Plasma by LC-MS/MS Using SALLME”</p>
<p>[PP10]</p> <p><b>Can Serkan KESKİN</b> “Simultaneous Determination of Paracetamol and Chlorzoxazone by Second-Order Derivative Spectrophotometric and RP-HPLC-DAD Methods”</p>	<p>[PP21]</p> <p><b>Yasemin ACAR</b> “Analytical Method Validation from RP-HPLC To RP-UPLC for Irbesartan, Amlodipine and Hydrochlorothiazide in Pharmaceutical Dosages Form”</p>	<p>[PP32]</p> <p><b>Saadet Elif DURAN</b> “A Simple, and Reliable RP-HPLC Method for the Determination of Phenylramidol Hydrochloride and Degradation Impurities in Tablet Dosage Form”</p>
<p>[PP11]</p> <p><b>Can Serkan KESKİN</b> “Simultaneous Biosorption of Acid Violet and Reactive Yellow Dyes onto Dead Biomass”</p>	<p>[PP22]</p> <p><b>Özlem YAZICI</b> “Surface Characterization of Agar by Inverse Gas Chromatography”</p>	<p>[PP33]</p> <p><b>Hüseyin ALTUNDAĞ</b> “Preconcentration of Cobalt and Cadmium Ions with Magnetic Solid Phase Extraction and Determination by ICP-OES”</p>

## Poster Session 2

[PP34] <b>Hassan Elzain Hassan AHMED</b> "Novel Adsorbent MgAl <sub>2</sub> O <sub>4</sub> @MoSe <sub>2</sub> for Efficient Solid Phase Microextraction of Bismuth in Preconcentrated Cosmetics, Water, and Food Samples Prior to Analysis Using Flame Atomic Absorption Spectrometry"	[PP45] <b>Bengü Sema MUTAFOĞLU</b> "Exploration of the Binding of Biscoumarin Derivatives to Bovine Hemoglobin by Molecular Docking and Spectroscopic Methods"	[PP56] <b>Fırat AYDIN</b> "An Analytical Method for the Determination of Cobalt in Wastewater"
[PP35] <b>Ayşe Nur ÇOBAN</b> "A New Nanocomposite (ND@CuAl <sub>2</sub> O <sub>4</sub> @HKUST-1) for Micro Solid Phase Extraction of Lead and Cadmium in Food and Legume Samples Prior to the Determination by Flame Atomic Absorption Spectrometer"	[PP46] <b>Mehmet Alperen ERGÜN</b> "Determination of Mercury(II) by Magnetic Solid Phase Extraction Using Fe <sub>3</sub> O <sub>4</sub> @PPy Nanoparticles with Cold Vapor Atomic Absorption Spectrometry"	[PP57] <b>Işıl AYDIN</b> "Determination of Cobalt Content in Rice by Using Magnetic Nanoparticles"
[PP36] <b>Özgür ÖZALP</b> "Activated Graphite@NiO Nanoflower for Solid-Phase Microextraction of Copper From Environmental Samples and Detection by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry (HR-CS-FAAS)"	[PP47] <b>Vasilios SAKKAS</b> "Utilizing ATR-FTIR Spectroscopy Coupled with PCA And PLS-DA to Monitor Athletes' Salivary Profile"	[PP58] <b>Muhammad Balal ARAIN</b> "Developed Dispersive Solid Phase Microextraction by Using Novel Material for the Determination of Lead"
[PP37] <b>Boulanouar MESSAOUDI</b> "Determination of Copper and Cadmium with Luminol Ligand Investigation with Density Functional Theory Method"	[PP48] <b>Sinem YETİM</b> "Identification of Pharmaceutical Ingredients in Raman Spectroscopy"	[PP59] <b>Barış YILDIZ</b> "Preconcentration of Bismuth Using Nickel Hydroxide Nanoflower-based Solid-Phase Extraction from Water Samples and Determination by FAAS"
[PP38] <b>Büşra AYDOĞAN</b> "Development of An Analytical Method for the Simultaneous Determination of Inorganic and Organic Arsenic Species in Food Samples"	[PP49] <b>Ayça Biçen İBİK</b> "Analysis of Photooxidation of Coating By Photoacoustic Fourier Transform Infrared Spectroscopy"	[PP60] <b>Özlem ACAR</b> "Synthesis and Characterization of New Schiff Bases Containing Quinazoline Rings and Their Analytical Applications"
[PP39] <b>İlknur DURUKAN TEMUGE</b> "Ligandless-Solidified Floating Organic Drop Micro-Extraction Method for the Preconcentration of Trace Amount of Lead and Determination by Flame Atomic Absorption Spectrometry"	[PP50] <b>Derya KUTAN</b> "Development of An ID-ICP-MS Method for Determination of Nd in Waste Printed Circuit Board"	[PP61] <b>Ece SAĞKOL</b> "Characterization of UV Absorbers Used in Coatings"
[PP40] <b>Fatma Nur ARSLAN</b> "Synchronous Fluorescence Spectroscopy Method based on Chemometrics: Quantification of Inexpensive Edible Oil Adulterants in Extra Virgin Olive Oils Harvested in MUT (Mersin) Region"	[PP51] <b>Muhammet UĞAN</b> "Removal and Enrichment of Pb from Water Sample with Microporous Carbon Spheres, and Determined by Atomic Absorption Spectrometry"	[PP62] <b>Günseli GÜNEY</b> "Mg(II) Phthalocyanine Compound Bearing Thiol Units: Examination of Some Properties with UV-Vis Spectroscopy"
[PP41] <b>Fatma Nur ARSLAN</b> "Cryogen Free 60 MHz <sup>1</sup> H-NMR Spectroscopy and Chemometrics for the Authentication of Cold Pressed Black Cumin (Nigella Sativa L.) Seed Oil"	[PP52] <b>Ezgi GÖNÜL</b> "Synthesis, Characterization and Analytical Applications of A New Schiff Base ((1E,1'E)-N,N'-(4-Nitro-1,2-Phenylene)Bis(1-(5-Methylthiophen-2-yl)Methanimine) for Metal Determination"	[PP63] <b>Yunus PENLİK</b> "Investigation of Photochemical Properties of Indium(III) Phthalocyanine Containing Thiol Group Using UV-Vis Spectroscopy"
[PP42] <b>Aynur ŞAHİN</b> "An Investigation About Removal of Some Heavy Metals from Aqueous Solutions Using Activated Bentonite"	[PP53] <b>Melike AKDEMİR</b> "A New Schiff Base (N-(5-Nitro-2-((Z)-Thiophen-2-Ylmethylene) Amino)Phenyl)-(Thophen-2-Yl)Methanimine) Ligand for Metal Determination: Synthesis, Characterization and Analytical Applications"	[PP64] <b>Nazlı GÜVENÇ YAMAÇ</b> "The Characterization of Organic based Blocked Acid Catalysts"
[PP43] <b>Athanasios VLESSIDIS</b> "Speciation of Gold Nanoparticles and Total Gold in Environmental Samples by Dispersive Solid Phase Extraction on A Thiol-Functionalized Zirconium(IV) Metal Organic Framework and Determination with Atomic Absorption Spectrometry"	[PP54] <b>Elif KÖSE</b> "ICP-MS Analysis and Validation by Microwave Digestion System for Determination of Heavy Metals in Allergy and Cancer Drugs Taken Orally"	[PP65] <b>Ayşegül ERGENLER</b> "Genotoxicity Assessment of Carbon Nano Dots Synthesized from Citrus Reticulata"



<p>[PP44]</p> <p><b>Ayşe ÇETİNTAŞ</b>  <i>“Investigation of the Synthesis of Al<sub>2</sub>O<sub>3</sub> Nanoparticle with Myrtus Communis Leaf Extract and the Antibacterial Effect of Deocrem Obtained from McAl<sub>2</sub>O<sub>3</sub>NP”</i></p>	<p>[PP55]</p> <p><b>Yunus ÇETİNTAŞ</b>  <i>“Synthesis of Silver Nanoparticles Using Barberry (Berberis Vulgaris) Roots via Green Synthesis Method and in Vitro Evaluation of Anti-Diabetic Activity”</i></p>	<p>[PP66]</p> <p><b>Gülşen MELTEM</b>  <i>“Synthetic Hydroxyapatite Coated with Metal Organic Framework for Removal of Heavy Metal Ions from Environmental Solutions”</i></p>
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## Poster Session 3

<p>[PP67]</p> <p><b>Boulanouar MESSAOUDI</b>  <i>“Determination of Cd and Zn by Cathodic Adsorptive Stripping Voltammetry After Complexes with Cupferron Using Density Functional Theory”</i></p>	<p>[PP78]</p> <p><b>Selen URUÇ</b>  <i>“Preparation of Nanoparticle-Based Conductive Ink for Electrochemical Determination of Uric Acid and Investigation of Flexible Sensor Performance”</i></p>	<p>[PP89]</p> <p><b>Ümran SOFU</b>  <i>“Electrochemical Analysis of Melatonin on Poly(Bromocresol Purple) Modified Glassy Carbon Electrode and Its Determination from Pharmaceuticals”</i></p>
<p>[PP68]</p> <p><b>Neslihan ŞENTÜRK</b>  <i>“3D Printing of Electrodes and Investigation of the Effect of Surface Activation on Surface Properties”</i></p>	<p>[PP79]</p> <p><b>Rabianur KURTELI</b>  <i>“Preparation of Conductive Ink Containing Metal Nanoparticles/Graphene for Dopamine Determination and Investigation of Flexible Electrochemical Sensor Properties”</i></p>	<p>[PP90]</p> <p><b>Gamze EMİR</b>  <i>“A Self-Powered Enzymatic Glucose Sensor Using Bimetallic Nanoparticles Composites Modified Pencil Graphite Electrodes as Cathode”</i></p>
<p>[PP69]</p> <p><b>Zeynep İLHAN</b>  <i>“Performance Evaluations of Cataphoresis Coating Thickness After Pre-Treatment on Various Conductive Surfaces”</i></p>	<p>[PP80]</p> <p><b>Emirhan ARTAR</b>  <i>“Preparation of Conductive Ink Containing Heteroatom Doped Graphene and Flexible Supercapacitor Applications”</i></p>	<p>[PP91]</p> <p><b>Sezgin YAŞA</b>  <i>“Production of A ZnO-based Supercapacitor Electrode Material Recovered from the Ferrochrome Ash Waste”</i></p>
<p>[PP70]</p> <p><b>Ayşe ŞAP</b>  <i>“Determination of Hydroxylamine at Poly-Curcumin-Modified Pencil Graphite Electrode”</i></p>	<p>[PP81]</p> <p><b>Merve YALÇIN AÇIKALIN</b>  <i>“Development of Conductive Polymer based Electrochemical Sensor for the Determination of Vitamin B2”</i></p>	<p>[PP92]</p> <p><b>Furkan Burak ŞEN</b>  <i>“A Novel 1,10-Phenanthroline-based Dual-Functional Antioxidant Capacity Sensor”</i></p>
<p>[PP71]</p> <p><b>Ceren YILDIZ</b>  <i>“Ultra-Sensitive Simultaneous Electrochemical Detection of Zn(II), Cd(II), Pb(II) And Cu(II) in Surface Water and Certified Reference Water Samples”</i></p>	<p>[PP82]</p> <p><b>İrem KAPLAN</b>  <i>“Development of Flexible Sensor based on Nanomaterial for Electrochemical Determination of Tyrosine, An Important Biomolecule in Neuroscience”</i></p>	<p>[PP93]</p> <p><b>Selen AYZAZ</b>  <i>“A New Colorimetric Lactate Biosensor based on CUPRAC (Cupric Reducing Antioxidant Capacity) Reagent Using Lactate Oxidase- Pyruvate Oxidase Immobilized Magnetite Nanoparticle”</i></p>
<p>[PP72]</p> <p><b>Buse GENÇDAL</b>  <i>“Extraction of Antioxidants from Black Carrot Pomace by Using Microwave Assisted Extraction and Its Using for Green Synthesis of Silver Nanoparticles”</i></p>	<p>[PP83]</p> <p><b>Selva BİLGE</b>  <i>“SnO<sub>2</sub> Nanoparticles/Recycled Waste Hazelnut Shell Carbon Modified Glassy Carbon Electrode as A Voltammetric Nanosensor for the Sensitive Determination of Phenolic Compound in Biological and Beverage Samples”</i></p>	<p>[PP94]</p> <p><b>Seda ŞAHİN</b>  <i>“Determination of Total Antioxidant Capacity Using Modified Electrode”</i></p>
<p>[PP73]</p> <p><b>Pelin SARIBAŞ</b>  <i>“Electrochemical Determination of Antioxidant Gallic Acid based on Metal Nanoparticles Decorated Natural Mineral Using Eco-Friendly Electrochemical Nanosensor”</i></p>	<p>[PP84]</p> <p><b>Aysu ARMAN</b>  <i>“Well-Dissipated Carbon Nanotubes and Polyelectrolyte based Sensor Electrode Application for Directly Voltammetric Measure of TATP And HMTD”</i></p>	<p>[PP95]</p> <p><b>Müge YERMEYDAN PEKER</b>  <i>“Development of Hydrogel-Based Colorimetric Antioxidant Capacity Sensor”</i></p>
<p>[PP74]</p> <p><b>Teslime ERŞAN</b>  <i>“Cost-Effective and Sensitive Voltammetric Determination of Fenhexamid Used as A Fungicide with A Disposable Pencil Graphite Electrode”</i></p>	<p>[PP85]</p> <p><b>Şener SAĞLAM</b>  <i>“A New Electrochemical Sensor for the Measurement of Nitroguanidine Employing a Glassy Carbon Electrode Modified with Polyvinylpyrrolidone and Multi-Walled Carbon Nanotubes”</i></p>	<p>[PP96]</p> <p><b>Ervanur ELMAS</b>  <i>“Cu(II)Nc/Car-MWCNT Modified Electrode for Antioxidant Capacity Measurement”</i></p>
<p>[PP75]</p> <p><b>Özge GÖRDÜK</b>  <i>“Selective Amperometric Sensor for Detection of Hydrazine at Gold Nanoparticles Decorated Poly(Brilliant Blue) Modified Electrode”</i></p>	<p>[PP86]</p> <p><b>Elif ŞİŞMAN</b>  <i>“Electrochemical Determination of Rosmarinic Acid from Origanum Minutiflorum and Origanum Micranthum Extracts Using Boron-Doped Diamond Electrode”</i></p>	<p>[PP97]</p> <p><b>Özgül VURAL</b>  <i>“Smart and Sensitive Nanomaterial-based Electrochemical Sensor for the Determination of Apoly (ADP-Ribose) Polymerase (PARP) Inhibitor Anticancer Agent”</i></p>
<p>[PP76]</p> <p><b>Ebrar DOKUR</b>  <i>“Preparation of Conductive Ink Containing Nanomaterial and Investigation of Flexible</i></p>	<p>[PP87]</p> <p><b>Fatma MAMATIOĞLU DERİN</b></p>	<p>[PP98]</p> <p><b>Şevval SAZLIK</b>  <i>“Electrochemical Determination of Hydroxychloroquine Used in Covid-19 Treatment</i></p>

<i>Electrochemical Sensor Properties for Tyrosine Determination</i>	<i>"The Effect of Nitroaromatic and Nitramine Type Explosives on the Developed Ammonium Dinitramide Nanosensor"</i>	<i>Using Multiwall Carbon Nanotube Modified Pencil Graphite Electrode</i>
<b>[PP77]</b> <b>Ayşe ÇETİNTAŞ</b> <i>"Evaluation of the Tyrosinase Inhibitory Activity of the Skin Cream Prepared with Walnut Shell, Medicinal Chamomile, Moringa Oil, Arbutin, and Kojic Acid"</i>	<b>[PP88]</b> <b>Yunus ÇETİNTAŞ</b> <i>"Examination of the Chemical Composition and Anti-Diabetic Activities of Abelmoschus Esculentus, Peganum Harmala, and Aquilaria Agallocha Seed Oils Cultivated in Muğla"</i>	<b>[PP99]</b> <b>Sena Ezgi SELÇUK</b> <i>"Evaluation of Alternative Ways to Analyse Iodine Values of Fats and Oils without Using Carbon Tetrachloride"</i>

## Poster Session 4

<b>[PP100]</b> <b>Hasan ÇUBUK</b> <i>"Salting-Out Homogenous Liquid-Phase Microextraction For Rapid On-Site Extraction of Aromatic Amines in Environmental Waters"</i>	<b>[PP111]</b> <b>Nikos LYDAKIS - SIMANTIRIS</b> <i>"Impact of Ni(II) on Growth, Metal Uptake, and Lipid Unsaturation of Two Microalgal Species"</i>	<b>[PP122]</b> <b>Durişehvar ÖZER ÜNAL</b> <i>"Why pKa's Matter in Medicinal Chemistry and A Drug Discovery"</i>
<b>[PP101]</b> <b>Karolina CZARNY-KRZYMIŃSKA</b> <i>"Removal of Bisphenol Analogues from the Aquatic Environment by Freshwater Microalgae Chlorella Vulgaris"</i>	<b>[PP112]</b> <b>Onur YAYAYÜRÜK</b> <i>"Removal of Methylene Blue Dye Using Poly(Acrylamide) Grafted onto Cross-Linked Poly(4-Vinyl Pyridine) from Waters"</i>	<b>[PP123]</b> <b>Nur Begüm AKKUŞ</b> <i>"Synthesis, Purification and Application of Isotopic Derivatives of Various Antiepileptic and Analgesic Drug Active Substances in Analytical Determination Methods"</i>
<b>[PP102]</b> <b>Karolina CZARNY-KRZYMIŃSKA</b> <i>"Removal of Selected Bisphenol Analogues by Green Algae Desmodium Armatus"</i>	<b>[PP113]</b> <b>Aslı ERDEM YAYAYÜRÜK</b> <i>"Synthesis and Use of Magnetic Amberlite XAD-7HP for the Removal of Methylene Blue from Aqueous Solutions"</i>	<b>[PP124]</b> <b>Mehrdad RASOOLI</b> <i>"Synthesis, Docking Studies and Biological Characterization of Novel Liposomal Imatinib Analogues as Possible Anticancer Agents"</i>
<b>[PP103]</b> <b>Triantafyllos ALBANIS</b> <i>"Screening of Commonly Used Antibiotics in Fresh and Saltwater Samples Impacted by Aquacultures: Analytical Methodology, Occurrence and Environmental Risk Assessment"</i>	<b>[PP114]</b> <b>Christoforos CHRIMATOPOULOS</b> <i>"Assessment of Water Quality Parameters: A Comparative Study Between Commercially Available Kit and In-House Analysis"</i>	<b>[PP125]</b> <b>Gülşen MELTEM</b> <i>"Modification Hydroxyapatite from Cattle Bones with Biopolymers to Remove Heavy Metal from Environmental Samples and Limit the Biofilm Formation"</i>
<b>[PP104]</b> <b>Hamid HASHEMI-MOGHADDAM</b> <i>"Synthesis of An Imprinted Polymer for Separation and Colorimetric Determination of Hypoxanthine in Fish Samples as A Freshness Indicator"</i>	<b>[PP115]</b> <b>Dilek ÖZYURT</b> <i>"The Effect of Seasonal Changes on the Phytochemical Analysis of Dominant Macroalgal Species at the Marmara Sea"</i>	<b>[PP126]</b> <b>Öznur EYİLCİM</b> <i>"Synthesis of A New Heterocyclic Molecule That May Be A GSK-3β Inhibitor"</i>
<b>[PP105]</b> <b>Tarik ATTAR</b> <i>"Adsorption of Dye from Waters in Western Algeria Using Natural Materials"</i>	<b>[PP116]</b> <b>Mehmet ÇETİNKAYA</b> <i>"Determination of Spring Waters of Şırnak Province by Analytical Methods"</i>	<b>[PP127]</b> <b>Lenka KUJOVSKA KRCMOVA</b> <i>"Post Covid Syndrome in Patients Hospitalized with SARS-CoV-2 Infection - New Prognostic Markers Evaluation"</i>
<b>[PP106]</b> <b>Datoussaid YAZID</b> <i>"Evaluation of the Retention of Cadmium and Lead in the Waters of the Tlemcen Region by Natural Materials"</i>	<b>[PP117]</b> <b>Hamid HASHEMI-MOGHADDAM</b> <i>"Smartphone-Based Determination of Carbofuran in Fruit Samples by Using Magnetic Molecularly Imprinted Polymer Coated ZIF-8"</i>	<b>[PP128]</b> <b>Büşra DALGIÇ</b> <i>"Synthesis of 4-Ethynylaniline Based Schiff Base, Anion Sensor Properties, Antimicrobial Activity and Interaction with DNA"</i>
<b>[PP107]</b> <b>Mehmet KILINÇER</b> <i>"Sorption of Vitamin C onto Microplastics"</i>	<b>[PP118]</b> <b>Neşet NEŞETOĞLU</b> <i>"Cleaning Validation of Antineoplastic and Immunosuppressant Agents in Manufacturing Equipment of the Pharmaceutical Industry"</i>	<b>[PP129]</b> <b>Kristýna MRŠTNÁ</b> <i>"Analysis of Lipophilic Vitamin Levels in Hospitalized Patients with Covid-19"</i>
<b>[PP108]</b> <b>Mehmet Kılınçer</b> <i>"Impact of the In Vitro Human Digestive Environment on the Interaction Between Vitamin C and Microplastics"</i>	<b>[PP119]</b> <b>Dorota TUROŇOVÁA</b> <i>"Neopterin, Kynurenine, and Tryptophan as New Prognostic Markers in Hospitalized Patients with SARS-CoV-2 Infection"</i>	<b>[PP130]</b> <b>Rukiye AYRANCI</b> <i>"Conjugated Polymer based Gold-Nickel Multifunctional Micromotor for Environmental Monitoring"</i>

[PP109] <b>Muhammet UĞAN</b> "Removal of Textile Dye from Wastewater with Green Chemistry Aspect"	[PP120] <b>Eylem Funda GÖKTAŞ</b> "Study Design for Determination of Drug Substances Stability in Solutions and Biological Samples"	[PP131] <b>Yeliz KOÇ ERİKAN</b> "Increasing the Light Emitting Efficiency of Carbazole and Cholesterol-Derived Molecule Through Molecular Engineering"
[PP110] <b>Tuğçe Nur ÖZKARA</b> "Effect of Pomegranate Seed Peels as Adsorbent for the Removal of Dyes from Aqueous Solution"	[PP121] <b>Cansel ÇAKIR</b> "The Edible Mushroom, <i>Infundibulicybe Geotropa</i> (Bull.) Harmaja Triggers Apoptosis in Human Colon Cancer (Caco-2) Cell Lines"	[PP132] <b>Yasemin CÖMERT</b> "Investigate the Effect of Different Design Routes on Electrode Properties in 3D Printing"

## Poster Session 5

[PP133] <b>Mustafa Zafer ÖZEL</b> "Green Extraction of Anti-Aging Polyphenols"	[PP144] <b>Slawomira SKRZYPEK</b> "Synthesis and Characterization of Novel Nickel Cobalt Selenide Nano-Moses"	[PP155] <b>Kader CAN</b> "Simple And Rapid Colorimetric Sensing Of Dithiocarbamates Based On Oxidation Of 3,3',5,5'-Tetramethylbenzidine Using Silver Ion"
[PP134] <b>Qamar SALAMAT</b> "Application of Novel Magnetic Deep Eutectic Solvent@Zn-MOF Nanocomposite for Extraction of Carmoisine Dye from Food and Water Samples Followed by Spectrophotometric Analysis"	[PP145] <b>Heshw Ali Omer MANGURI</b> "Reduced Graphene Oxide/Epoxy Nanocomposites with Enhanced Mechanical Properties"	[PP156] <b>Talsyn BERDESH</b> "Chemometric Studies on the Aroma Compounds of Honey Samples Produced in Kazakhstan"
[PP135] <b>Seda DUMAN</b> "A Green Natural Deep Eutectic Solvent based Liquid Phase Microextraction of Rhodamine B Prior to Spectrophotometric Detection"	[PP146] <b>Muath NJJAR</b> "Detection and Removal of Lead by Using Magnetic $CuFe_2O_4$ Nanoparticles as An Effective Adsorbent from An Aqueous Solution"	[PP157] <b>Kübra TUNA</b> "The Chemical Profile of 15 Turkish Propolis with Chemometric Approach"
[PP136] <b>Eda BORA</b> "Synthesis of $BaTiO_3$ @MIL-53 (Al) Composite Material and Its Application to Preconcentration and Separation of Cadmium in Seafoods"	[PP147] <b>Anıl ELOĞLU</b> "Production and Characterization of Clove Oil-Added Polyvinyl Alcohol/Chitosan-based Antibacterial Nanofibers by Electrospinning Method"	[PP158] <b>Açelya AKLAN</b> "Investigation of the Effect of <i>Cichorium Intybus</i> L. To Prevent Oxidative DNA Base Damage"
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