

Thursday, September 29th

08:00 – 09:40	Registration Troia Cultural Center	
09:40 – 10:40	Opening Ceromony Troia Cultural Center	
General Session 1 Chairs: Prof. Dr. Gürel NIŞLI, Prof. Dr. O. Yavuz ATAMAN		
10:40 – 11:10	[IL01] Antony CALOKERINOS, National and Kapodistrian University of Athens, GREECE Analytical Chemistry at the Services of Food Quality Control	
11:10 – 11:40	[IL02] Irina KARADJOVA, University of Sofia, BULGARIA Nanomaterials for Elemental Speciation	
11:40-12:00	Dr. Görkem MERGEN (Tecknowledge Presentation) Plan Your Lab-Work With Methodsnow™: A CAS Solution for Analytical Chemists	
12:00 – 13:30	Coffee & Refreshments Break&Registration – Poster Session 1	
13:30 – 14:20	LUNCH	
	Oral Session 1-Hall I Chairs: Prof. Dr. Irina KARADJOVA, Prof. Dr. Mustafa TÜZEN	Oral Session 2-Hall II Chairs: Prof. Dr. Bekir SALIH, Prof. Dr. A. Sibel ÖZKAN
14:20 – 14:40	[OP01] Şeref GÜÇER, Uludağ University, TURKEY Plantago Holosteam Scop. (Plantaginaceae) as a Candidate for Monitoring of Metal Pollution Arouned Tungsten Mine Work: Cade Study of Inductively Coupled Plasma Spectrometry Applications in Environmental Pollution	[OP06] Füsun OKÇU PELIT, Ege University, TURKEY Assessment of μ -SPE Methods for Endocrine Disruptor Pesticide Analysis
14:40 – 15:00	[OP02] Mehmet YAMAN, Fırat University, TURKEY Sample Preparation for Determination of Therapeutic Natural Compounds in Medicinal Plants	[OP07] K. Volkan ÖZDOKUR, Ege University, TURKEY Determination of Carbidopa, Levodopa and Droxidopa in Pharmaceutical Preparations by Liquid Chromatography Tandem Mass Spectrometry
15:00 – 15:20	[OP03] Feyzullah TOKAY, Balıkesir University, TURKEY Simultaneous Preconcentration of Some Metal Ions on Fluorescein Loaded Silica Gel and Determination by ICP-OES	[OP08] Dotse Selali CHORMEY, Yıldız Technical University, TURKEY Simultaneous Determination of Selected Hormones, Endocrine Disruptive Compounds and Pesticides in Water Samples by GC-MS After Dispersive Liquid-Liquid Microextraction
15:20 – 15:40	[OP04] Nusret ERTAŞ, Gazi University, TURKEY Microchip Based Determination of Bacteria by In-Chip Sandwich Immunoassay	[OP09] Emirhan NEMUTLU, Hacettepe University, TURKEY Optimization of Liquid Chromatography/Quadrupole Time-Of-Flight Mass Spectrometry for Metabolomic Profiling of Breast Cancer

15:40 – 16:00	[OP05] Mohammed Akkbik, Bozok University, TURKEY Synthesis of a Molecularly Imprinted Polymer for Clean-Up of the Fungicide Carbendazim in Water And Fruit & Vegetable Extracts	[OP10] Nihat ÖZCAN, TUBITAK-MAM, TURKEY Determination of Melatonin in Milk with Liquid Chromatography Tandem Mass Spectrometry
16:00 – 17:40	Coffee & Refreshments Break&Registration – Poster Session 2	
	Oral Session 3-Hall I Chairs: Prof. Dr. Frieder W. SCHELLER, Prof. Dr. A. Nur ONAR	Oral Session 4-Hall II Chairs: Prof. Dr. Bezhana CHANKVETADZE, Prof. Dr. Durişehvar ÜNAL
17:40 – 18:00	[OP11] Zühre ŞENTÜRK, Yüzüncü Yıl University, TURKEY The Electrochemical Properties of Dopamine and Serotonin Neurotransmitters at a Poly(Amino Acid) Modified Carbon Paste Electrode: Their Voltammetric Determination in Rat Brain After Microdialysis Sampling	[OP15] Mustafa Abdullah YILMAZ, Dicle University, TURKEY The Biological Activities and Essential Oil Profiles of Some Endemic Salvia Species From Anatolia
18:00 – 18:20	[OP12] Aysu YARMAN, Turkish-German University, TURKEY Protein Imprinting for Sensing	[OP16] Stella FASOULA, University of Thessaloniki, GREECE The Crucial Role of Mobile Phase pH for Optimizing the Separation of Ionizable Compounds in Extended pH-Range Reversed-Phase Columns with Microsoft Excel Macros
18:20 – 18:40	[OP13] Lokman LİV, TUBITAK-MAM, TURKEY Voltammetric Determination of Boron in Eye Lotion and Water Samples Using Gold and Copper Nanoparticles and Multiwalled Carbon Nanotube Modified Electrode	[OP17] Elif Mine ÖNCÜ KAYA, Anadolu University, TURKEY Determination of Mycotoxin in Rat Plasma Samples by Ultra High Performance Liquid Chromatography with Fluorescence Detection
18:40 – 19:00	[OP14] Ali KÜÇÜK, Recep Tayyip Erdogan University, TURKEY Amperometric Determination of Putrescine Over Polyfuran Film	[OP18] Engin KOÇAK, Hacettepe University, TURKEY New Standard Flow UPLC Method for Identification of CaCo2 Cell Line Proteome
19:00-21:30	OPENING DINNER	

Friday, September 30th

General Session 2 Chairs: Prof. Dr. Antony CALOKERINOS

09:00 – 09:30	[IL03] Bezhan CHANKVETADZE , I. Javakhishvili Tbilisi State University, GEORGIA Recent Trends in High-Performance Liquid Chromatographic Separation of Enantiomers	
09:30 – 10:00	[IL04] Bekir SALIH , Hacettepe University, TURKEY Development of Bioanalytical Methods for Mass Spectrometry-Based Glycoproteomics and Glycomics	
10:00– 10:30	[IL05] Nikolaos S. THOMAIDIS , University of Athens, GREECE Target and Non-Target LC-HRMS Strategies for the Detection of Emerging Contaminants in the Aquatic Environment	
10:30 – 12:10	Coffee & Refreshments Break&Registration – Poster Session 3	
	Oral Session 5-Hall I Chairs: Prof. Dr. Gerald URBAN, Prof. Dr. Zühre ŞENTÜRK	Oral Session 6-Hall II Chairs: Prof. Dr. Mehmet DOĞAN, Prof. Dr. Belgin İZGİ
12:10 – 12:30	[OP19] Mamas PRODROMIDIS , University of Ioannina, GREECE Lab-On-A-Membrane Foldable Devices for Duplex Drop-Volume Electrochemical Biosensing Using Quantum Dot Tags	[OP23] Uğur TAMER , Gazi University, TURKEY Surface Enhanced Raman Scattering Based Immunoassay Versus Western Blotting
12:30– 12:50	[OP20] Muhammet GÜLER , Yüzüncü Yıl University, TURKEY Functionalized Reduced Graphene Oxide/Pd/Gox/Nafion Nanocomposites Film for Glucose Biosensing	[OP24] Onur ŞENOL , Atatürk University, TURKEY Application of Photonics in Diagnosis of Invasive Ductal Carcinoma Tissues By FT-IR and Raman Spectroscopy
12:50 – 13:10	[OP21] Elif Burcu BAHADIR , Namık Kemal University, TURKEY Label-Free Impedimetric Immunosensor for Ultrasensitive Detection of Cancer Biomarker RACK1 in Human Serum	[OP25] Ayşegül ERDOĞAN , EGE-MATAL, TURKEY Surface Chemometrics of Graphene-Based Materials with Principal Component Analysis (PCA) Using X-Ray Photoelectron Spectroscopy (XPS)
13:10 – 13:30	[OP22] Burçak DEMIRBAKAN , Namık Kemal University, TURKEY A Novel High Reproducible, Regenerative, Sensitive and Cheap Biosensor Developed by Using 3-Cyanopropyl Trimethoxysilane for PAK2 Detection	[OP26] Mehmet Gökhan ÇAĞLAYAN , Ankara University, TURKEY Paper-Based Fluorescence Sensing of a Prohibited Substance in Sports
13:30 – 14:20	LUNCH	

General Session 3 Chair: Prof. Dr. Şeref GÜÇER	
14:20 – 14:50	[IL06] Frieder W. SCHELLER, University of Potsdam, GERMANY Bio(mimetic) Electrochemical Sensors: Present, Past and Future
14:50 – 15:20	[IL07] Zekerya DURSUN, Ege University, TURKEY Enhancement of Catalytic Activity on Conducting Polymers or Carbon Based Electrodes via Metal Particles Modification for Electrochemical Applications
15:20 – 15:50	[IL08] Sezgin BAKIRDERE, Yıldız Technical University, TURKEY Volatile Compound Generation Strategies in Analytical Chemistry
15:50 – 16:10	Ayhan İbrahim AYSAL (SEM Presentation) Q-TOF: Need More Confirmation?
16:10 – 17:40 Coffee & Refreshments Break&Registration– Poster Session 4	
	Oral Session 7-Hall I Chairs: Prof. Dr. Alexander ZACHARIA, Assoc. Prof. Dr. Sezgin BAKIRDERE
	Oral Session 8-Hall II Chairs: Prof. Dr. Frank-Michael MATYSIK, Prof. Dr. Güler SOMER
17:40 – 18:00	[OP27] İlknur DURUKAN TEMUGE, Hacettepe University, TURKEY Determination of Bismuth(III) in Environmental Samples by Ultrasound Assisted Emulsification Solid Floating Organic Drop Microextraction and Atomization Atomic Absorption spectroscopy
	[OP31] A. Nur ONAR, Ondokuz Mayıs University, TURKEY Square Wave Voltammetric Behaviour and Quantitative Determination of B-N-Oxalyl- L-A, B-Diaminopropionic Acid (B-ODAP)
18:00 – 18:20	[OP28] Şule DİNÇ ZOR, Yıldız Technical University, TURKEY A New Method for Simultaneous Determination of Al(III), Fe(III), Cu(II) and Pb(II) as Metal-Hematoxylin Chelates by DLLME-HPLC-VWD System
	[OP32] Şükriye ULUBAY KARABİBEROĞLU, Ege University, TURKEY Anodic Stripping Voltammetric Determination of Trace Amounts of Sb(III) Using Overoxidized Poly(Phenolred) Film Modified Glassy Carbon Electrode
18:20 – 18:40	[OP29] Serkan GÜRGÜL, Gaziosmanpaşa University, TURKEY The Effects of Quercetin on Bone Quality in Healthy and STZ-Induced Diabetic Rats: A Biomechanical and ICP-MS Study
	[OP33] İrem AYDIN, Ege University, TURKEY Voltammetric and Chromatographic Determination of Boscalid in Tomato Juice
18:40 – 19:00	[OP30] Cem ESEN, Adnan Menderes University, TURKEY Poly(Hydroxyethyl Methacrylate-Co- Methacryloylglutamic Acid) Nanospheres for Adsorption of Cd ²⁺ Ions from Aqueous Solutions
	[OP34] Dilşat ARIKSOYSAL, Ege University, TURKEY Electrochemical Electrochemical DNA Biosensors for Medical Applications
20:00-23:30	GALA DINNER

Saturday, October 1st

General Session 4 Chair: Assoc. Prof. Dr. Nikolaos THOMAIDIS

08:30 – 09:00	[IL09] Frank-Michael MATYSIK, University of Regensburg, GERMANY Electrochemistry-the Flexible Tool Box for the Construction of Hypnated Instrumental Analytical Systems
09:00 – 09:30	[IL10] Arzum ERDEM, Ege University, TURKEY Electrochemical Aptasensors
09:30 – 10:00	[IL11] Gerald URBAN, University of Freiburg, GERMANY Microanalytical Systems for Personalized Medicine
10:00 – 10:30	[IL12] Alexander ZACHARIA, Odessa National University, UKRAINE Direct Atomic Absorption Spectrometric Determination of Se in Biological Fluids by Graphite Filter Furnace Atomizer with Graphite Thread
10:30 – 11:00	Coffee & Refreshments Break
General Session 5 Chairs: Prof. Dr. Reşat APAK, Prof. Dr. Erol ERÇAĞ	
11:00-11:20	Murat Onul (Antteknik Presentation) Advanced Mass Spectrometry (MS) Technologies
11:20 – 13:00	Oral Presentation of Selected 20-24 Posters
13:00 – 19:00	LUNCH, EXCURSION (TROY and ASSOS)
19:00-21:30	DINNER

Sunday, October 2nd

General Session 6 Chair: Prof. Dr. Emür HENDEN

08:30 – 09:00	[IL13] Nurettin ŞAHİNER, Çanakkale Onsekiz Mart University, TURKEY Superporous Cryogel/Conductive Composite Systems for Potential Sensor Application	
09:00 – 09:30	[IL14] Ziya KÖSTERELİ, Tüpraş, Turkey R&D Studies in Tüpraş	
09:30 – 09:50	Gemar Presentation	
09:50 – 10:20	Coffee & Refreshments Break	
	Oral Session 9-Hall I Chairs: Prof. Dr. Mehmet YAMAN, Prof. Dr. Şerife TOKALIOĞLU	Oral Session10-Hall II Chairs: Prof. Dr. Nil ERTAŞ, Prof. Dr. Berrin YENİGÜL
10:20 – 10:40	[OP35] Erhan KARACA, Dumlupınar University, TURKEY A New Charge Transfer Complex of P-Aminodiphenyldiamine with Maleic Anhydride	[OP40] Nosal – WIERCIŃSKA, Maria Curie-Skłodowska University, POLAND The Effect of Ethionine Protonation on the Kinetics and the Mechanism of Bi(III) Ion Electroreduction
10:40– 11:00	[OP36] Burak YAMAN, Gaziantep University, TURKEY Absorption of Chromium and its Toxicity in Human Health: a Physiological Approach	[OP41] Z. Pınar GÜMÜŞ, Ege University, TURKEY Use of Chemometric Approach for a Case Study on Western Turkish Olive Oil Assessing for Authentication
11:00 – 11:20	[OP37] Cemil AYDOĞAN, Bingöl University, TURKEY Monolithic Nano-Liquid Chromatography: Principles and Applications in Sample Analysis	[OP42] Evrim ORHAN, Ege University, TURKEY Chemometric Approach for the Optimization of Controlled Released Tablets with Respect To Reference Product
11:20 – 11:40	[OP38] Cemile ÖZCAN, Kırklareli University, TURKEY Method Development and Determination of Imidazolinone Herbicides in Sunflower And Soils By GC-MS	[OP43] Sibel MENTEŞE, Çanakkale Onsekiz Mart University, TURKEY Comparison of Residential VOC Exposure in Different Towns of Canakkale, Turkey
11:40 – 12:00	[OP39] Merve ERYILMAZ, Gazi University, TURKEY SERS Based-Rapid Detection Strategies of Group-A Beta-Hemolytic Streptococcus	[OP44] Ahmet BÜYÜKKOYUNCU, Çanakkale Onsekiz Mart University, TURKEY Enhancing Electrochromic Performance of 2,5-di-(2-thienyl)-1H-pyrrole (SNS) Derivative via Schiff Base Metal Complexes Approach
12:00 – 13:00	LUNCH	
13:00 – 13:20	Presentation of Prof. Dr. Nil ERTAŞ : A tribute to Prof. Emeriti Emür HENDEN and Berrin YENİGÜL	

13:20 -14:40	PANEL: AACD as an Academic Platform for Scientific Cooperation Prof. Dr. Gürel NİŞLİ, Prof. Dr. Reşat APAK, Prof. Dr. O. Yavuz ATAMAN, Prof. Dr. Şeref GÜÇER, Prof. Dr. Antony CALOKERINOS, Prof. Dr. Emür HENDEN, Assoc. Prof. Dr. Nikolaos THOMAIDIS, Prof. Dr. Mehmet DOĞAN
14:40 – 15:00	CLOSING CEROMONY- Prof. Dr. Yusuf DILGIN, Assoc Prof. Dr. Ayşem ARDA

POSTER SESSION 1 (Thursday, September 29th, 12:00-13:30)

P1-01	<u>Özün GÖREL MANAV</u> <i>Güzin ALPDOĞAN</i>	Effects of Solvents, Salts and Sorbents Used to Analysis of Pesticide Residues in Milk by Dispersive Solid Phase Extraction & LC-MS/MS Method
P1-02	<u>Ahmed JASHARI</u> <i>Rudina VELIU, Abibe USEINI, Arianit REKA, Murtezan ISMAILI, Bujar DURMISHI, Agim SHABANI</i>	HPLC Monitoring of Baylis-Hillman Reaction Catalyzed by Hexamethylenetetramine
P1-03	<u>Hakan SERBEST</u> <i>Sezgin BAKIRDERE, Seyfullah KEYF</i>	Development of an Analytical Method for the Determination of Valsartan in Commercial Drug and Sewage Sludge Samples by HPLC, and Evaluation of its Stability Under Simulated Gastric System
P1-04	<u>Senem ŞANLI</u> <i>Nurullah ŞANLI, Mustafa Sinan KAYNAK</i>	Determination of Regional Intestinal Permeability of Valgancyclovir and Metoprolol Using A Newly-Developed and Validated High Performance Liquid Chromatographic Method
P1-05	<u>Ebru TÜRKÖZ ACAR</u> <i>Samet ÖZDEMİR, Melike ÜNER</i>	Development and Validation of an HPLC Method for Determination of the Eplerenon in Rat Plasma
P1-06	<u>Hatice KARADENİZ</u> <i>Özge YETGİN ÇETİN, Alper KARAKAŞ, Serpil YENİSOY KARAKAŞ</i>	Determination of Neurotransmitters in Cerebrospinal Fluid Samples by Using HPLC-FLD: Calculation of Uncertainty Budget
P1-07	<u>Merve KEŞKEK</u> <i>Durişehvar ÜNAL</i>	Simultaneous Determination of Troxerutin and Carbazochrome by High-Performance Liquid Chromatographic Method
P1-08	<u>Cem KAPLAN</u> <i>Neşet NEŞETOĞLU, İbrahim DANIŞ, Merve KEŞKEK, Gönül KUNT, Durişehvar ÜNAL</i>	Determination of Chondroitin Sulfate, Glucosamine and Hyaluronic Acid from Supplements for the Treatment of Osteoarthritis by High Performance Liquid Chromatography
P1-09	<u>Gülcemal YILDIZ</u> <i>Zeynep AYDOĞMUŞ, Filiz ŞENKAL</i>	Determination of Eugenol by HPLC with Electrochemical Detection in Some Plants
P1-10	<u>Ali Kemal FİDAN</u> <i>Sezgin BAKIRDERE</i>	Simultaneous Determination of Sildenafil and Tadalafil in Legal, Illicit/Counterfeit Drugs and Waste Water Samples by High Performance Liquid Chromatography
P1-11	<u>Sakine ATILA KARACA</u> <i>Duygu YENİCELİ UĞUR</i>	Development and Validation of a Simple and Rapid HPLC Method for the Determination of Iloperidone in Tablets
P1-12	<u>Engin ER</u> <i>Nevin ERK, Gizem TIRIS</i>	A Novel and Sensitive Chromatographic Method Based on HPLC for Simultaneous Determination of Abacavir and Lamivudine in Pharmaceutical Dosage Form
P1-13	<u>Eda GÖKBULUT</u> <i>İmran VURAL, Nurten ÖZDEMİR</i>	Determination of Itraconazole From Caco-2 Cells Using High-Performance Liquid Chromatography
P1-14	<u>Fatma AYGUN</u> <i>Çiğdem DİKBAŞ</i>	Microwave-Assisted Extraction Technique for the Determination of Benzo(A)Pyrene (Bap) by HPLC- Fluorescence Detection in Turkish Black Tea

P1-15	<u>Merve NENNİ</u> <i>Ozan KAPLAN, İncilay SÜSLÜ, Mustafa ÇELEBİER, Süleyman BAYNUEĞRİ, Sacide ALTINÖZ</i>	Ultrafiltration-Based Extraction and High - Performance Liquid Chromatographic Analysis of Ceftriaxone in Human Plasma and Perilymph Fluid Samples
P1-16	<u>Zeynep ERGAT</u> <i>Deniz Çıkla YILMAZ, Güler YALÇIN</i>	Development of a High-Performance Liquid Chromatography Method Based on a Core-Shell Column Approach for the Determination of Clotrimazole
P1-17	<u>Fevziye Gizem TECİMEN</u> <i>Deniz ÇIKLA YILMAZ, Aysen Kurt CÜCÜ</i>	Comparison of Three Different HPLC Analytical Columns for the Simultaneous Analysis of Methylprednisolone Aceponate and Benzyl Alcohol
P1-18	<u>Elif Mine ÖNCÜKAYA</u>	A Simple and Rapid Determination of Folic Acid in Certain Malt-based Beverages by Ultra-High Performance Liquid Chromatography
P1-19	<u>Mohammed AKKBİK</u> <i>Uğur BAŞARAN</i>	Determine of Inulin, Fructose, Glucose and Sucrose in Roots of Chicory (Cichorium Intybus) Using RP-HPLC-RID
P1-20	<u>Nevin ERK</u> <i>Cansu ALVER</i>	A Validated Stability Indicating HPLC Method for Determination of a New Serotonergic Antidepressant Vortioxetine Active Pharmaceutical Ingredient and Its Pharmacuetical Dosage Forms
P1-21	<u>Gizem YILDIRIM</u> <i>Sabriye PERÇİN ÖZKORUCUKLU</i>	Micellar Liquid Chromatographic Determination of Penicillin-V in Pharmaceutical Formulations
P1-22	<u>Gizem YILDIRIM</u> <i>Sabriye PERÇİN ÖZKORUCUKLU</i>	Application of a Liquid Chromatographic Procedure for the Analysis of B- Lactam Antibiotics Using Sodium Dodecyl Sulphate /Butanol Mobile Phase
P1-23	<u>Tuğçe UNUTKAN</u> <i>Seda KOÇOĞLU, Sezgin BAKIRDERE, Seyfullah KEYF</i>	Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion
P1-24	<u>Ciğdem DIKBAS</u> <i>Fatma AYGÜN</i>	Determination of Carcinogenic Benzo(A)Pyrene (Bap) After Heat Treatment in Some Black Tea Grown in the Eastern Black Sea Region(Turkey)
P1-25	<u>Mehmet GÜMÜŞTAS</u> <i>Derya ÖZGÜR, Sibel A. ÖZKAN</i>	Simultaneous Estimation of Irbesartan and Hydrochlorothiazide in Their Binary Mixture by HPLC and UPLC
P1-26	<u>Mehmet GÜMÜŞTAS</u> <i>Sibel A. ÖZKAN, Bezhan CHANKVETADZE</i>	Separation of Enantiomers of Butoxamine Using Polysaccharide Based Chiral Columns with Emphasis on Enantiomer Elution Order
P1-27	<u>Stella FASOULA</u> <i>Ch. ZISI, A. PAPPA-LOUISI, P. NIKITAS</i>	Prediction of Retention Time in Reversed-Phase Liquid Chromatography as a Tool for Tryptophan and its Major Metabolites Identification
P1-28	<u>Mustafa TÜZEN</u> <i>Jamshed ALİ</i>	Solidified Floating Organic Drop Microextraction of Mercury from Water and Environmental Samples by Spectrophotometer and CVAAS
P1-29	<u>Ciğdem ARPA ŞAHİN</u> <i>İtir ARIDAŞIR, Sema BEKTAŞ</i>	Dual-Solidified Floating Organic Drop Microextraction Technique: A Novel Technique to Eliminate the Disadvantages of Conventional Solidified Floating Organic Drop Microextraction for Preconcentration of Cobalt Ions
P1-30	<u>Mine ANTEP</u>	Magnetic Dispersive Liquid Phase Microextraction on Fe ₃ O ₄ Magnetic Nanoparticles for the Preconcentration of Mercury Assisted With Imidazolium Based Ionic Liquids Before Flow Injection Cold Vapour Atomic Absorption Spectrophotometric Determination

P1-31	<u>Merve FIRAT</u> <i>Maral Selin FINDIKOĞLU , Betül KAFA , Elif YAZICI , Melda YOLCU, Çağdaş BÜYÜKPINAR, Dotse Selali CHORMEY, Sabriye SEL , Fatma TURAK , Sezgin BAKIRDERE</i>	Determination of Trace Amount of Cadmium using Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry
P1-32	<u>Çağdaş BÜYÜKPINAR</u> <i>Sezgin BAKIRDERE , Dotse Selali CHORMEY, Nevim SAN, Seyfullah KEYF</i>	Optimization of a Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method for the Determination of Lead in Drinking and Waste Water Samples at Trace Levels
P1-33	<u>Nail ALTUNAY</u> <i>Ramazan GÜRKAN, Emre YILDIRIM, Ulaş ORHAN</i>	Ultra-Trace Determination of Arsenic and Selenium in Foods and Vegetables by Hydride Generation Atomic Absorption Spectrometry
P1-34	<u>Yasemin BAKIRCIOĞLU KURTULUŞ</u> <i>Nukte TOPRAKSEVER, Dilek BAKIRCIOĞLU</i>	Determination of Macro And Micro Element Concentrations in Hardaliye Beverages Using Flame Atomic Absorption Spectrometer After Ultrasound-Assisted Extraction, Microwave-Assisted Extraction and Wet Extraction Procedures
P1-35	<u>Nükte TOPRAKSEVER</u> <i>Dilek BAKIRCIOĞLU, Yasemin BAKIRCIOĞLU KURTULUŞ</i>	Determination of Iron and Lead in Raw and Refined Canola Oil by FI-FAAS Use of a New Extraction System Based on Emulsion Breaking
P1-36	<u>Celal CANER</u> <i>Mustafa Sahin DÜNDAR, Ferhat KAPTAN, Hüseyin ALTUNDAĞ</i>	Preconcentration and Determination of Pb ²⁺ And Zn ²⁺ Metal Ions Using Cloud Point Extraction and Ultrasonic Nebulizer Combined Inductively Coupled Plasma Optic Emission Spectrometry
P1-37	<u>Elem EFE</u> <i>Merve SAYIN, Mustafa İMAMOĞLU</i>	Adsorption and Preconcentration of Ni(II), Cd(II) and Pb(II) Ions by Silica Gel Functionalized with Pyromellitic Dianhydride
P1-38	<u>Çiğdem ÖZER</u> <i>Mustafa İMAMOĞLU</i>	Column Solid Phase Extraction of Ni(II) and Cu(II) Using Salicylaldehyde Modified Polyamine Polyurea Resin For Their Determination by FAAS in Waters
P1-39	<u>Çiğdem ÖZER</u> <i>Merve SAYIN, Mustafa İMAMOĞLU</i>	Preconcentration of Pt(IV) with Bis(3-Aminopropyl)Amine Functionalized Silica Gel for it's Determination by Flame Atomic Absorption Spectrometry
P1-40	<u>M. Zeki BAYBURTLU</u> <i>Gurbet Canpolat , Recep Ziyadanoğulları</i>	A New Method for Determination of Gold Using Atom Traps with Atomic Absorption Spectrometry
P1-41	<u>Mustafa SAÇMACI</u> <i>Şerife SAÇMACI</i>	A New Procedure for Determination of Nickel in Some Cosmetics Samples After Dispersive Liquid-Liquid Microextraction by FAAS
P1-42	<u>Şerife TOKALIOĞLU</u> <i>Emre YAVUZ, Halil ŞAHAN, Süleyman Gökhan ÇOLAK, Kasım OCAKOĞLU, Mehmet KAÇER, Şaban PATAT</i>	Fast Solid Phase Extraction of Trace Copper and Lead From Water, Food and Street Dust Samples by Ionic Liquid Coated Carbon Nanospheres
P1-43	<u>Emre YAVUZ</u> <i>Şerife TOKALIOĞLU, Selçuk DEMİR, Halil ŞAHAN, Şaban PATAT</i>	Vortex-Assisted Solid Phase Extraction of Lead by Highly Porous Zirconium Metal-Organic Framework
P1-44	<u>Elisaveta MLADENOVA</u> <i>Ralitsa BALKANSKA, Irina KARADJOVA</i>	Quantification of Selected Essential and Toxic Elements in Royal Jelly Samples From Bulgaria by ICP-OES and ETAAS
P1-45	<u>Elisaveta MLADENOVA</u> <i>Tsvetomil VOYSLAVOV, Genka STEFANOVA, Maria</i>	Traditional Bulgarian Wines – Characterization and Identification

	<i>KUTLARSKA, Irina KARADJOVA</i>	
P1-46	<u>Serhat DÖKER</u>	Multi-element Determination of Trace Metals in Un-digested Honey Samples by ICP-MS
P1-47	<u>Serhat DÖKER</u>	Atmospheric Dry Deposition of Heavy Metals in Çankırı, Turkey
P1-48	<u>Merve YILMAZ</u> <i>Serhat DÖKER, Arif İPEK</i>	Selenium Enrichment in Petroselinum Crispum
P1-49	<u>Merve YILMAZ</u> <i>Serhat DÖKER</i>	Assessment of Toxic Trace Element Concentrations in Ground Water Samples Collected from Çankırı, Turkey
P1-50	<u>Yavuz OKÇU</u> <i>Hasan ÖZCAN, Ali SÜNGÜR</i>	The Levels of Co, Cr, Ni and Zn in the Soil Formed on Different Geological Materials Between Çanakkale and Çan District (Turkey)
P1-51	<u>İffet İpek BOŞGELMEZ</u> <i>Abdurrahman YILDIZ, Serhat DÖKER, Gülin GÜVENDİK</i>	Assessment of Multi-Elemental Composition in Different Types of Linden (Tilia Sp.) Samples
P1-52	<u>İffet İpek BOŞGELMEZ</u> <i>Serhat DÖKER, Arif İPEK</i>	Determination of Toxic Trace Elements (Al, Ni, As, Cd, Pb) in Samples of Salvia Fruticosa Mill. Collected from Hatay And Antalya, Turkey
P1-53	<u>Fatma ÖZKAFALI</u> <i>Vediha Nuket TIRTOM</i>	Heavy Metal Analysis by Flow Injection System
P1-54	<u>Dilek BAKIRCIOĞLU</u> <i>Nukte TOPRAKSEVER, Muhammet KUŞCU, Yasemin BAKIRCIOĞLU KURTULUŞ</i>	Element Analysis of Animal Feed by Inductively Coupled Plasma Mass Spectrometer After Microwave Digestion Extraction
P1-55	<u>Birsen Demirata ÖZTÜRK</u> <i>Ayça ÖZDEMİR OLGUN, Gözde Mediha KAMER, Dilek ÖZYURT</i>	Determination of Heavy Metals Using Magnetic Solid-Phase Extraction for Water Samples
P1-56	<u>Sema GÜNDÜZ IŞIK</u> <i>Süleyman AKMAN</i>	Sulfur Determination in Some Nuts and Dried Fruits Sold in Turkey by High Resolution Graphite Furnace Molecular Absorption Spectrometry
P1-57	<u>Can Serkan KESKİN</u>	Fabrication of Fe ₃ O ₄ Embedded Polymer for Removal of As(V) Ions
P1-58	<u>Kadriye ESEN ERDEN</u> <i>Meruyert KAYGUSUZ, İbrahim DORUK, Cem GÖK</i>	Application of Alginate-Ficus Carica L. Biocomposite for the Adsorption of Lead Ions From Aqueous Solutions
P1-59	<u>Kadriye ESEN ERDEN</u> <i>Ramazan DONAT, Halil ÇETİŞLİ</i>	Transport of Heavy Metals Through a Novel Liquid Membrane System: MDLM
P1-60	<u>Mustafa İMAMOĞLU</u> <i>Erkan BAYSAL, Merve SAYIN, Mustafa ARSLAN</i>	Investigation of Platinum (IV) Adsorption by Polyamine Polymer
P1-61	<u>Mustafa İMAMOĞLU</u> <i>A.ÖZTÜRK, S. AYDIN, A. MANZAK A. GÜNDOĞDU, C. DURAN</i>	Removal of Cu(II) Ions from Aqueous Solution by Hazelnut Husk Activated Carbon Prepared with Potassium Acetate

P1-62	<u>Büşra PEHLİVAN</u> <i>Vediha Nuket TIRTOM</i>	Removal of Arsenic (III) Ions from Aqueous Systems Using Modified Pumice Stone
P1-63	<u>Songül ULUSOY</u>	Synthesis of Polymeric Materials Including Antibiotic and their Applications as Potential Adsorbent for Mercury Removal
P1-64	<u>Deniz ARSLAN BURAK</u> <i>İkbal KOYUNCU</i>	New Nanocomposite Development and Application of Membrane Technique for Removal of Heavy Metals from Waste Waters
P1-65	<u>Eren AŞAM</u> <i>Muharrem İNCE, Olcay Kaplan İNCE, Nagihan M. KARAASLAN</i>	Removal of Copper Using Low-Cost Adsorbents: Application to Industrial Wastewater
P1-66	<u>Levent BEYAZSAKAL</u> <i>Olcay Kaplan İNCE, Nagihan M. KARAASLAN, Muharrem İNCE</i>	Comparison of Natural Adsorbent Performance for Removal of Toxic Metal from Aqueous Medium
P1-67	<u>Mehtap YAĞAN AŞCI</u> <i>Hatice YİĞİT, Yıldray TOPÇU, Bekir BATI</i>	Removal of Cu ²⁺ from Aqueous Solutions Using H ₂ O ₂ -Modified Hydrochar Produced from Hydrothermal Carbonization of Tea Pulp
P1-68	<u>Fatih SAYIN</u> <i>Sibel TUNALI AKAR, Sema ÇELİK, Tamer AKAR</i>	Effective Removal of Pb(II) ions From Aqueous Solutions by a Plant Based Magnetic Biosorbent in Fixed-Bed Column
P1-69	<u>Sezen SIVRIKAYA</u> <i>Aslıhan DALMAZ, Sefa DURMUŞ</i>	Synthesis of Polyaniline-Derived Polymers, Characterization and Investigation of Adsorption Properties
P1-70	<u>Zehra Tuba ŞİŞMANOĞLU</u> <i>Selcan KARAKUŞ, Ayben KİLİSOĞLU</i>	The Adsorption Kinetics, Equilibrium and Thermodynamic of Acid Blue 93 on Green Bioadsorbent
P1-71	<u>Zehra Tuba ŞİŞMANOĞLU</u> <i>Selcan KARAKUŞ, Ezgi TAN, Merve ILGAR, Ayben KİLİSOĞLU</i>	A Novel Bio-nanocomposite from Organic and Inorganic Materials
P1-72	<u>Mervecan SEVİLDİK</u> <i>Ayşe DİNÇER, Tulin AYDEMİR</i>	Removal of Azo Dyes from Aqueous Solutions by Using Eggshell Membrane
P1-73	<u>Esra ALTINTIĞ</u> <i>Ozlem SENTURK, Hüseyin ALTUNDAG, Mustafa TUZEN Ahmet SARI</i>	Removal of Methylene Blue From Aqueous Solution with Acorn Based Magnetic Activated Carbon
P1-74	<u>Mehmet Ali ÖZKILIC</u> <i>Deniz BİNGÖL</i>	Removal of Congo Red from Aqueous Solution Using Crosslinked Poly(N-Vinylpyrrolidone)
P1-75	<u>Hatice YİĞİT</u> <i>Mehtap Yağan AŞCI, Yıldray TOPÇU</i>	Removal of Methylene Blue from Aqueous Solutions Using H ₂ O ₂ -Modified Hydrochar Produced from Hydrothermal Carbonization of Sunflower Stalks
P1-76	<u>Elif CERRAHOGLU</u> <i>A KAYAN, D BİNGÖL</i>	Optimization of Methylene Blue Removal on a New Hybrid Material by Box-Behnken Design
P1-77	<u>Fatih SAYIN</u> <i>Sibel TUNALI AKAR, Tamer AKAR</i>	Continuous Biosorption of Reactive Yellow 2 From Contaminated Real Wastewater by <i>Thamnidium Elegans</i> Cells
P1-78	<u>Burak KORKMAZ</u> <i>Fatih BİLDİK, Gülçin TORUNOĞLU TURAN, Bahire Filiz ŞENKAL</i>	Preparation of Polyaniline Coated Hydrogel for Removal of Remazol Black B

P1-79	<u>Begüm Canan YILDIZ</u> <i>Muhammed KARABULUTt, Seda KARAYÜNLÜ BOZBAŞ, Asgar KAYAN</i>	New and Effective Material for Removal of Murexide Dye from Aqueous Solution
P1-80	<u>Buse PARLAK</u> <i>Elif TÜMAY ÖZER, Bilgen OSMAN</i>	Removal of Bisphenol-A From Aqueous Solution via Poly(DVB-Matrp) Microbeads
P1-81	<u>Halil Ibrahim ULUSOY</u> <i>Selçuk ŞİMŞEK</i>	Development of a Versatile Material for Effective Removal of Bisphenol A
P1-82	<u>Gamze KURSUNLU</u> <i>Sibel AKAR</i>	Decolorization Potential of Immobilized Mucor Plumbeus in Dynamic Flow Treatment
P1-83	<u>Gamze KURSUNLU</u> <i>Sibel AKAR</i>	Methyl Violet Biosorption by Fungi- Mineral Composite: Batch Mode Optimization
P1-84	<u>Bilgen OSMAN</u> <i>Emel YEŞİLOVA, Elif Tümay ÖZER, Ali KARA</i>	Preparation of Molecularly Imprinted Microparticle-Embedded Cryogel for the Selective Recognition of Tetracycline from Aqueous Medium

POSTER SESSION 2 (Thursday, September 29th , 16:00-17:40)

P2-01	<u>Nur ERDEM AKSUNER</u> <i>Raif İLKTAÇ, Emür HENDEN</i>	Fluorimetric Determination of Carbendazim After Preconcentration with Magnetite-Molecularly Imprinted Polymer
P2-02	<u>Nur ERDEM AKSUNER</u> <i>Burak BERAN, Berin YENİGÜL</i>	Synthesis of Molecularly Imprinted Polymers (MIPs) for Selective Determination of 2,4-D Acid
P2-03	<u>Gülen Ative ORGAN</u> <i>Hakan ŞAHALA , Mehmet PİŞKİN, Ömer Faruk ÖZTÜRK , Erdal CANPOLAT , Mehmet KAYA</i>	Synthesis, Characterization, Spectroscopic Properties: Schiff Base Derivative Bearing Zinc(II) Phthalocyanine
P2-04	<u>Mustafa SAÇMACI</u> <i>Şerife SAÇMACI</i>	A New Fluorimetric Detection for the Determination Ag(I) Species in Some Food Samples
P2-05	<u>Esin AKYÜZ</u> <i>Burcu BEKDEŞER, Mustafa ÖZYÜREK , Reşat APAK</i>	Determination of Peroxynitrite Anion Scavenging Activity of Biothiols
P2-06	<u>Deniz ARSLAN BURAK</u> <i>İkbal KOYUNCU</i>	Effect of Cu(II) Ion on the Fluorescence Properties of the (G2-NH ₂) PAMAM Dendrimer Periphery Modified 4-N,N- Dimethylaminoethoxy-1,8-Naphthalimide
P2-07	<u>Mustafa TÜZEN</u> <i>Naeem ULLAH</i>	A Simple and Rapid Dispersive Liquid-Liquid Microextraction of Uranium and Spectrophotometric Determination of Its in Water Samples
P2-08	<u>Gülbin ERDOĞAN</u> <i>Sevda KARADAĞ, Ozlem U. DEMİREL , Zerrin PELİN, Hacer K.OKUR, Meral YÜKSEL</i>	Serum Selenium(Se) Levels and Related Antioxidant Enzyme Glutathione Peroxidase(Gpx) Activity in Obstructive Sleep Apnea Syndrome (OSAS) Patients
P2-09	<u>Gülbin ERDOĞAN</u> <i>Sevda KARADAĞ, Ozlem U. DEMİREL , Zerrin PELİN, Hacer K.OKUR, Meral YÜKSEL</i>	Serum Mangan (Mn) Levels and Superoxide Dismutase (SOD) Enzymes Activity in Obstructive Sleep Apnea Syndrome (OSAS) Patients
P2-10	<u>Cağlar DEMİRBAĞ</u> <i>Serap KARADERİ, Volkan DEMİR</i>	Simultaneous Determination of Rosuvastatin Calcium and Ezetimibe by Derivative UV-VIS Spectrophotometry
P2-11	<u>Mehmet TETİK</u> <i>Ramazan GÜRKAN, Nail ALTUNAY, Ulaş ORHAN</i>	A New Atomic Absorption-Based Method Development for Indirect Determination of Histamine in Fish Samples, Dairy Products, and Alcoholic Beverages by Flame AAS
P2-12	<u>Ulaş ORHAN</u> <i>Nail ALTUNAY, Ramazan GÜRKAN, Emre YILDIRIM</i>	Indirect Determination of the Flavor Enhancer Maltol in Foods and Beverages by Ultrasonic Assisted Extraction Coupled to Flame Atomic Absorption Spectrometry
P2-13	<u>Şükriye Nihan KARUK ELMAS</u> <i>Asiye ÇOPURER , Ibrahim YILMAZ</i>	A Novel Colorimetric Sensor Based Schiff Base for Mercury (II) Ion
P2-14	<u>Emre YILDIRIM</u> <i>Ramazan GÜRKAN, Ulaş ORHAN, Nail ALTUNAY</i>	A Simple and Efficient Ultrasonic-Assisted Extraction Procedure Combined with UV-Vis Spectrophotometry for Preconcentration and Determination of Folic Acid (Vitamin B ₉) in Various Sample Matrices
P2-15	<u>Ramazan GÜRKAN</u> <i>Nail ALTUNAY, Sema KORKMAZ, Emre YILDIRIM</i>	A New Green Extraction Procedure of Selenium in Water, Food and Vegetable Samples, and its Spectrophotometric Determination

P2-16	<u>A.Hakan AKTAS</u>	Application of PCA-PCR Models to Spectrophotometric Data for Quantitative Analysis of a Caffeine and Methamizol in a Pharmaceutical Product
P2-17	<u>A.Hakan AKTAS</u>	Simultaneous Determination of Codeine and Acetaminophen in Pharmaceutical reparation by ICA-ANN Methods
P2-18	<u>Sema KORKMAZ</u> <i>Ramazan GÜRKAN, Mehmet TETİK, Nail ALTUNAY</i>	A Simple and Green Procedure for Preconcentration of Acrylamide from Thermally Processed Foods Prior to its Spectrophotometric Detection
P2-19	<u>İsmail AKDENİZ</u> <i>İrfan KOCA, Şule AÇIKGÖZ, Latif GÖKBAŞ</i>	Sensitive Determination of Zn ²⁺ Ions in Water Samples by UV-VIS Spectrophotometry Following Dispersive Liquid-Liquid Microextraction Using 4-Benzoyl-N-[(Diethylamino)Carbonothioyl]-1,5- Diphenyl-1H- Pyrazole-3- Carboxamide as a Chelating Agent
P2-20	<u>Ali Kemal ATEŞ</u> <i>Cihan SAYGACIK, Nevin ERK</i>	Method Development and Validation of Derivative Spectrophotometric Method for the Quantitative Determination of Nebivolol in Dosage Forms
P2-21	<u>Zehra Ceren ERTEKİN</u> <i>Erdal DİNÇ, Ömer Faruk GÜZEL</i>	Bivariate and Multivariate Calibration Approaches for the Spectrophotometric Multicomponent Analysis of Rosuvastatin and Amlodipine in a Solid Dosage Form
P2-22	<u>Ece Merve YILMAZ</u> <i>Zeynep AYDOĞMUŞ</i>	A Spectrophotometric Method for Simultaneous Determination of Nilotinib and Regorafenib
P2-23	<u>Yücel KADIOĞLU</u> <i>Sinan YERLİ, Mevlüt ALBAYRAK, M. Emrah YAMAN</i>	Two Rapid Spectrophotometric Method for Determination of Silodosin in Human Plasma
P2-24	<u>Govigerel BAYARSAIKHAN</u> <i>Ferda DONDURMACIOĞLU, Aslı N. AVAN, Sema D. ÇEKİÇ, Reşat APAK</i>	Spectrophotometric Determination of 2,3-Dihydroxybenzoic Acid and Catechol
P2-25	<u>Emre YAVUZ</u> <i>Şerife TOKALIOĞLU, Halil ŞAHAN, Şaban PATAT</i>	Magnetic Solid Phase Extraction Using Fe ₃ O ₄ /Reduced Graphene Oxide Aerogel Prior To Spectrophotometric Determination of Rhodamine B
P2-26	<u>Nuket Kartal TEMEL</u> <i>Ramazan GÜRKAN</i>	Using a New Surfactant Enhanced Kinetic Spectrophotometry to Determine Trace Amounts of Bisphenol A in Food Samples
P2-27	<u>Ali Rehber TÜRKER</u> <i>Esra ÖZTÜRK</i>	Separation of Aldosterone Hormone via Molecular Imprinted Magnetic Nanoparticles and Determination by UV Spectrophotometry
P2-28	<u>Can Serkan KESKİN</u> <i>Abdil ÖZDEMİR</i>	Determination of BSA by Glutathione-Modified Silver Nanoparticles in the Presence of Metal Ions
P2-29	<u>Esmâ TÜTEM</u> <i>Şeyda KARAMAN ERSOY, Kevser SÖZGEN BAŞKAN, Reşat APAK</i>	Quercetin Isolation from Hydrolyzed Black Tea Extract using Quercetin Imprinted Polymer
P2-30	<u>Esmâ TÜTEM</u> <i>Şeyda KARAMAN ERSOY, Kevser SÖZGEN BAŞKAN, Reşat APAK</i>	Rosmarinic Acid Isolation from Hydrolyzed Rosemary Extract using Caffeic Acid Imprinted Polymer
P2-31	<u>Nisa ÖZSOY</u> <i>Çiğdem UYSAL PALA, Hilal ÖZKILINÇ</i>	Changes in Phenolic Profile and Antioxidant Activity of Black Table Olives During Fermentation Process

P2-32	<u>Müge İŞLETEN HOŞOĞLU</u> <i>Yonca KARAGÜL YÜCEER</i>	Production of Volatile Organic Compounds by Five Species of Microalgae: the Use of Solid Phase Microextraction (SPME) Coupled to GC-MS as a Method of Analysis
P2-33	<u>Hilal ŞİMSEK</u> <i>Müge İŞLETEN HOŞOĞLU, Yonca KARAGÜL YÜCEER</i>	Effects of Different Pretreatment Methods on Production of Some Volatile Organic Compounds from Tomato and Pepper Pomaces
P2-34	<u>Serpil ADAY</u> <i>Çiğdem UYSAL PALA, Belgizar AYANA ÇAM</i>	Effect of Acidification Process on the Physicochemical Properties of Licorice Root Sherbet
P2-35	<u>Ayşegül KIRCA TOKLUCU</u> <i>Fatma İpek MARANGOZ, Hasan UZKUÇ, Yonca KARAGÜL YÜCEER</i>	Kinetics of Anthocyanin Degradation and Polymeric Color Formation in Black Mulberry (Morus Nigra) Juice During Heating
P2-36	<u>Çiğdem UYSAL PALA</u> <i>Fatma İpek MARANGOZ</i>	Effect Of Vinegar Processing on Bioactive Compounds and Antioxidant Properties of Black Mulberry Juice
P2-37	<u>Çiğdem UYSAL PALA</u> <i>Aygül CAN</i>	Oleuropein Content and Antioxidant Activity of Herbal Tea Made From Olive Leaves of Fourteen Different Cultivars
P2-38	<u>Onur GÜNEŞER</u> <i>Sinem KILIÇASLAN, Senem ŞANLI, Nurullah ŞANLI</i>	Development of a Capillary Electrophoretic Method for Determination of Phenolic Compounds in Carob Molasses
P2-39	<u>Onur GÜNEŞER</u> <i>Senem ŞANLI, Nurullah ŞANLI</i>	Mineral Content of Carob Pekmez (Molasses) from Different Regions in Turkey
P2-40	<u>Deniz ÖNCEL</u> <i>Eda CENGİZ, Ebru TÜRKÖZ ACAR</i>	Investigation of The Light Effect on Ascorbic Acid Level in Some Local Fruit Juices
P2-41	<u>Ufuk KOLAK</u> <i>Ezgican ULAÇ, Pelin KÖSEOĞLU YILMAZ</i>	Antioxidant and Anticholinesterase Potential of Some Medicinal Plants
P2-42	<u>Ramazan ERENLER</u>	Inhibitory Effect of Rosmarinic Acid on Human Cervix Carcinoma
P2-43	<u>Ramazan ERENLER</u> <i>Özkan SEN</i>	Efficient Extraction Method of Origanum Rotundifolium Boiss for High Phenolic Contents and Strong Antioxidant Activity
P2-44	<u>Ayşe DEMİRBAŞ</u> <i>Bruce A. WELT, İsmail ÖCSOY</i>	Green Synthesis of Magnetic Nps From Red Cabbage Extract and Their Effect on the Antioxidant Activity
P2-45	<u>Ayşe DEMİRBAŞ</u> <i>Bruce A. WELT, İsmail ÖCSOY</i>	Biosynthesized Ag NPs from Berry Fruits (Strawberry, Blackberry, Andraspberry) and Their Effect on Antioxidant Activity
P2-46	<u>Dilek ÖZYURT</u> <i>O. Tonguc YAYINTAŞ, B. Demirata ÖZTÜRK, Y. KARAGÜL YÜCEER, S. YILMAZ</i>	Chemical Composition and Antioxidant Activities of Extracts Obtain from Mosses of Ida Mountain (Kazdagi) (Canakkale, Turkey)
P2-47	<u>Özlem Tonguc YAYINTAŞ</u> <i>O. SÖĞÜT, Sibel KONYALIOĞLU, S. YILMAZ</i>	Free Radical Scavenging Activity of Extracts Obtain From Some Moss Species in Turkey
P2-48	<u>Gülem Yoklayan KUNDAKCI</u> <i>Gülten ÇETİN</i>	Stability Studies on Extracts of Anthocyanins Obtained from Berries
P2-49	<u>Ayşe SAP</u> <i>Ali ÖLÇÜCÜ</i>	Determination of Some Phenolic Acids in Walnut (Juglans Regia L.) Species

P2-50	<u>Cemile ÖZCAN</u> <i>Cihan TORLAK, Barış Can KÖRÜKÇÜ, Samet BATUR</i>	Determination of Content of Organochlorine Pesticides in Alcea Sp. Plants Collected From Roadside and Rural Areas in Diyarbakir and Elazig by GC-MS
P2-51	<u>Ayşen KURT CÜCÜ</u> <i>Engin ÖZTÜRK</i>	Comparison of Seven Different C 18 Analytical Columns for the Analysis of Pantoprazole Sodium Impurities
P2-52	<u>Sezin ERARPAT</u> <i>Gözde ÖZZEYBEK, Dotse SELALİ CHORMEY, Fatih ERULAŞ, Fatma TURAK, Sezgin BAKIRDERE</i>	A Novel Liquid-Liquid Extraction for the Determination of Naphthalene in Tap Water at Trace Levels by GC-MS with Deuterated Anthracene as Internal Standard
P2-53	<u>Gülsüm ÖZGÜN GÜVEN</u> <i>Serap AYZ SEYHAN, Dilek BİLGİÇ ALKAYA</i>	Analysis of Inorganic Anions in Wines Using Suppressed Ion Chromatography
P2-54	<u>Behice YAVUZ ERDOĞAN</u> <i>A.Nur ONAR</i>	Capillary Electrophoretic Determinations of Some Anions in Different Foodstuffs
P2-55	<u>Tolga YENİLMEZ</u> <i>Osman Gökhan GÜLFİDAN, Fethiye GÖDE</i>	Environment-Friendly Organic Fertilizers
P2-56	<u>OSMAN GÖKHAN GÜLFİDAN</u> <i>Tolga YENİLMEZ, Fethiye GÖDE</i>	Tooth-Friendly Chocolate Production
P2-57	<u>Nevin ÖZTEKİN</u>	Simultaneous Determination of Two Preservatives in Various Foods by Capillary Electrophoresis
P2-58	<u>Zeynep KALAYCIOĞLU</u> <i>Keriman GÜNAYDIN, Bedia ERİM BERKER</i>	A Screening Study: Analysis of Umbelliferone in Different Plants from Apiaceae Family by Capillary Electrophoresis
P2-59	<u>Sibel MENTEŞE</u> <i>Deniz TASDİBİ</i>	Comparison of Gas Phase Volatile Organic Compounds' (VOC) Concentrations in Samples Taken by Active and Passive Sampling Techniques
P2-60	<u>Ali KÜÇÜK</u> <i>Muammer KAVANOZ</i>	Amperometric Determination of Tyramine Using Poly(3-Methylthiophene) Film
P2-61	<u>Deniz AKIN</u> <i>Servet ÇETE</i>	Preparation of Graphene Based Hydrogen Peroxide Sensitive Biosensor for Determination of Glucose
P2-62	<u>Zühre ŞENTÜRK</u> <i>Aydın YİĞİT, Nurcan ALPAR, Yavuz YARDIM, Metin ÇELEBİ, Abdülkadir LEVENT</i>	Graphene-Based Modified Electrode for the Simultaneous and Sensitive Determination of Chlorogenic Acid, Vanillin and Caffeine in Food Samples
P2-63	<u>Vedat TÜRKÖĞLU</u> <i>Muhammet GÜLER, M. Rıza KIVANÇ, Zehra BAŞI</i>	A Novel Glucose and H ₂ O ₂ Biosensor Based on Nafion And Amine Functionalized Reduced Graphene Oxide
P2-64	<u>Muhammet GÜLER</u> <i>Vedat TÜRKÖĞLU</i>	An Enzymatic Glucose Biosensor and Sensitive Enzyme-Free H ₂ O ₂ Sensor Based on Reduced Graphene, Co ₃ O ₄ , and Ionic Liquid Nanocomposites Modified Glassy Carbon Electrode
	<u>Sevinç KURBANOĞLU</u> <i>Hacer AZAK, Huseyin Bekir YILDIZ, Sibel A. ÖZKAN</i>	Electrochemical Glucose Biosensing via New Nanoparticles/Glucose Oxidase Modified Electrodes Generation Conducting Polymers/Gold

P2-65		
P2-66	<u>Abdurrahman Taha GÜLDEREN</u> <i>Yasemin ÖZTEKİN</i>	Gold Electrodeposited and Graphene Immobilized Glassy Carbon Electrode as Non-Enzymatic Electrochemical Cholesterol Sensor
P2-67	<u>Hacer AZAK</u> <i>Huseyin Bekir YILDIZ, Dilek ODACI DEMIRKOL, Suna TIMUR</i>	Conducting Polymer Of 10-(4H-dithieno[3,2-b:2',3'-d]pyrrol-4-yl)decan-1-amine] As An Immobilization Matrix For Microbial Biosensing Based On Gluconobacter Oxydans
P2-68	<u>Melike BİLGİ</u> <i>E. Merve SAHIN, Erol AYRANCI</i>	Preparation of Screen-Printed Carbon Electrode Modified Rosmarinic Acid: Application as Redox Mediator for Biosensor
P2-69	<u>SEÇİL AKOĞULLARI</u> <i>S. ÇINAR, K.V. ÖZDOKUR, S. KOÇAK A, T. AYDEMİR, F.N. ERTAŞ</i>	Pulsed Deposited MnO _x -VO _x /Gold Nanoparticles and Carbon Nanotubes Modified Glassy Carbon Electrode and Its Biosensing Applications
P2-70	<u>İnci TURSUCU</u> <i>Süleyman KOÇAK</i>	Simultaneous Determination of B-Group Vitamins at Metal Nanoparticle Poly(Taurine) and Carbon Nanotube Modified Electrode by Voltammetry
P2-71	<u>Süleyman KOÇAK</u> <i>B. ASLIŞEN</i>	Determination of Sesamol in Tahini Halva Samples at Boron Doped Diamond Electrode by Square Wave Voltammetry
P2-72	<u>Münteha Nur SONUÇ KARABOĞA</u> <i>Mustafa Kemal SEZGİNTÜRK</i>	Determination of C-reactive Protein by ITO based disposable Biosensor System: a New Immunosensor Design from an Old Molecule
P2-73	<u>Burcu ÖZCAN</u> <i>Mustafa Kemal SEZGİNTÜRK</i>	Study of Disposable ITO Electrode Modified With Organosilanes to Determine SO ₂ : A Novel Sensitive and Regenerative Biosensor
P2-74	<u>Serkan KARAKAYA</u> <i>Yusuf DİLGİN</i>	Electrochemical Determination of H ₂ O ₂ in Flow Injection Analysis System with Using Platinum Nanoparticles Modified Pencil Graphite Electrode
P2-75	<u>Mehmet GÜNEŞ</u> <i>Yusuf DİLGİN</i>	Electrocatalytic Oxidation of NADH Using Pyrocatechol Violet (PCV) Modified Pencil Graphite Electrode
P2-76	<u>Zafer YAZICIGİL</u> <i>Hilal İNCEBAY</i>	The Electrochemical Determination of Cu(II) from Different Copper Salts by the Application of the Graphene Oxide-Modified Glassy Carbon Electrode
P2-77	<u>Burcu KÖMÜRCÜ</u> <i>Zafer YAZICIGİL</i>	The Investigation of Electrochemical Behavior of Amine Compounds on Glassy Carbon Electrode
P2-78	<u>İbrahim Hudai TAŞDEMİR</u>	Electrochemical Polymerization of Dinitro-Ortho-Cresol as Surface Modifier with Graphene Oxide
P2-79	<u>İbrahim Hudai TAŞDEMİR</u>	Electrochemistry of Cinacalcet on Electrochemically Reduced Graphene Oxide and its Voltammetric Determination
P2-80	<u>Muammer KAVANOZ</u> <i>Gözde KILIÇ</i>	Amperometric Determination of Hydroquinone in the Presence of Phenol and Catechol in River Water Over Polycarbazol - Polyaniline Copolymer Film
P2-81	<u>Muammer KAVANOZ</u> <i>Büşra BOŞNA</i>	Synthesis and Characterization of Polianiline - 1,10 Phenanthroline Modified Electrode and Sensitivity to Fe(II) Ion

P2-82	<u>Gülcehal YILDIZ</u> <i>Filiz ŞENKAL, Fatih BİLDİK</i>	A Voltammetric Determination of Bisphenol a in Polycarbonate Tableware Materials Using a Modified Carbon Paste Electrode
P2-83	<u>Samet POYRAZ</u> <i>Samet BELVEREN, Ayşe CİHANBAY, Hayati SARI, H. Ali DÖNDAŞ</i>	Potentiometric Acid Dissociation Constants Determination of Some Novel Polysubstituted Thiohydantoin Derivatives
P2-84	<u>Halil İbrahim ULUSOY</u> <i>Erkan YILMAZ, Mustafa SOYLAK</i>	Determination for Sildenafil Citrate at Trace Levels by Using Magnetic Hybrid Nano Composite
P2-85	<u>Baha ÖNDEŞ</u> <i>Mert SOYSAL</i>	Electrochemical Polymerization of Purpald (4-Amino- 3-Hydrazino- 5-Mercapto-1,2,4-Triazole)
P2-86	<u>Tuğba SARDOHAN KÖSEOĞLU</u> <i>Berrin KIR, Sabriye PERÇİN OZKORUCUKLU, B. İlker HARMAN, Nevzat ÖZGÜ YİĞİT, Mehmet KİTİS, Hasan KÖSEOĞLU</i>	Electrocatalytic Activity of Cyanex 921 on Cu(II) Determination
P2-87	<u>Tuğba SARDOHAN KÖSEOĞLU</u> <i>Esin POYRAZOĞLU COBAN, Esengul KIR, Hacı Halil BIYIK, Selmihan ŞAHİN</i>	Development of Chitosan/PVA/Silver Membrane with Antimicrobial Activity

POSTER SESSION 3 (Friday, September 30th , 10:30-12:10)

P3-01	<u>Mustafa BENER</u> <i>Reşat APAK</i>	Development of Ferric Ion-Based Optical Sensors for Measurement of Antioxidant Capacity in Food Extracts
P3-02	<u>Mehmet Emin ŞEKER</u> <i>Ali ÇELİK , Kenan DOST , Ayşegül ERDOĞAN</i>	Determination of Some Antioxidants in Different Types of Pine Barks in Turkey
P3-03	<u>Ayşenur TUFAN</u> <i>Burcu BEKDEŞER, S. Esin ÇELİK, Reşat APAK</i>	Total Antioxidant Capacity and Radical Scavenging Activity of Beta-Carotene Encapsulated with Methyl-b-Cyclodextrin in Aqueous Medium
P3-04	<u>F. Jülide HIZAL YÜCESOY</u> <i>Batuhan YARDIMCI, Nergis KANMAZ, Şeyda KARADİREK, Ayşem ARDA, Reşat APAK</i>	Microencapsulation of Antioxidants Using Biopolymer Mixtures
P3-05	<u>Büşra KESKİN</u> <i>Ayşem ARDA, Ziya CAN, Erol ERÇAĞ, Reşat APAK</i>	Antioxidant Activity Determination Using N,N-dimethyl-p Phenylenediamine Probe with Fe ₃ O ₄ Magnetic Nanoparticles
P3-06	<u>Seda UZUNBOY</u> <i>Govigerel BAYARSAİKHAN, Seda UZUNBOY, Sema DEMİRCİ ÇEKİÇ, Reşat APAK</i>	Determination of Oxidative Protein Damage Using Modified CUPRAC Method
P3-07	<u>Bülent ULUĞ</u> <i>A.AKBAL , M. Haluk TURKDEMİR , Ahmet CICEK</i>	An Approach to Improve the Relation Between Silver Nanoparticle Formation Rate and Antioxidant Capacity of Aqueous Plant Leaf Extracts
P3-08	<u>Yılmaz UĞUR</u> <i>Selim ERDOĞAN , İsmet YILMAZ</i>	Variation of Quantitative Composition of Phenolic Compounds in the Apricot (<i>Prunus armeniaca</i> L.) Leaves During the Growth Season
P3-09	<u>Muharrem İNCE</u> <i>Olçay KAPLAN İNCE, Nagihan M. KARAASLAN</i>	Assessment of Some Water Soluble Vitamin Composition in Wild Edible Plant: Hawthorn
P3-10	<u>Muharrem İNCE</u> <i>Nagihan M. KARAASLAN, Olçay KAPLAN İNCE, Merve G. KARAASLAN</i>	Element Composition and Antioxidant Activity of Teucrium Polium L. Consumed as Condiment
P3-11	<u>Olçay KAPLAN İNCE</u> <i>Muharrem İNCE, Nagihan M. KARAASLAN, Merve G. KARAASLAN</i>	A Study of the Comparative of Hawthorn Fruit Extract in Different Solution in Terms of Some Chemical Properties
P3-12	<u>Olçay KAPLAN İNCE</u> <i>Muharrem İNCE, Nagihan M. KARAASLAN</i>	Phenolic Content of Teucrium Polium L.: A Case of Tunceli
P3-13	<u>Nagihan KARAASLAN</u> <i>Olçay KAPLAN İNCE , Muharrem İNCE , Merve G. KARAASLAN</i>	Antioxidant and Some Vital Elements Sources: Allium Tuncelianum
P3-14	<u>Nagihan KARAASLAN</u> <i>Sukran DEMİRTAS , Olçay KAPLAN İNCE , Muharrem İNCE</i>	Why is Legumes Important in Human Diet? Is Elemental Content Possible?

P3-15	<u>Merve Gökşin KARAASLAN</u> <i>Nagihan M. KARAASLAN , Muharrem INCE , Olcay KAPLAN INCE</i>	Assessment Phenolic Content of Strawberry
P3-16	<u>Merve Gökşin KARAASLAN</u> <i>Nagihan M. KARAASLAN , Olcay KAPLAN INCE , Muharrem INCE</i>	Determination of Phenolic Compounds in Cranberry Using HPLC-DAD
P3-17	<u>Hatice ÇAKIRCA</u> <i>Abduselam ERTAS , Mehmet BOGA , Mehmet FIRAT , Isil AYDIN , Elif VARHAN ORAL , Firat AYDIN</i>	The Antioxidant Activities of Some Salvia Species
P3-18	<u>Hatice ÇAKIRCA</u> <i>Mehmet BOGA , Mehmet FIRAT , İsmail YENER , Isil AYDIN , Firat AYDIN , Abduselam ERTAS</i>	The Anticholinesterase Activity and Total Phenolic Content of Some Salvia Species from Anatolia
P3-19	<u>Evin Aygün TUNCAY</u> <i>Mehmet BOGA , İsmail YENER , Mehmet FIRAT , Abduselam ERTAS , Ufuk KOLAK , Gülaçtı TOPÇU</i>	Total Phenolic-Flavonoid Contents, Antioxidant and Anticholinesterase Activities of Salvia Pseudeuphratica
P3-20	<u>Evin Aygün TUNCAY</u> <i>Mustafa Abdullah YILMAZ, Mehmet BOĞA, Mehmet FIRAT, Işıl AYDIN, Firat AYDIN, Abduselam ERTAŞ, Hamdi TEMEL</i>	LC-MS/MS Analysis of Different Parts of Salvia Pseudeuphratica
P3-21	<u>Evyüp TUNCAY</u> <i>Mehmet BOGA , İsmail YENER , Mehmet FIRAT , Evin AYGÜN TUNCAY , Abduselam ERTAS , Nuriye METE , Ufuk KOLAK , Gülaçtı TOPÇU</i>	Biological Activities of Salvia Cerino-Pruinosa Var. Elazigensis
P3-22	<u>Evyüp TUNCAY</u> <i>Mustafa Abdullah YILMAZ , Mehmet BOGA , Mehmet FIRAT , Işıl AYDIN , Firat AYDIN , Abduselam ERTAS , Hamdi TEMEL</i>	Phytochemical Analysis of Different Parts of Salvia Cerino-Pruinosa Var. Elazigensis by Using LC-MS/MS
P3-23	<u>Abduselam ERTAŞ</u> <i>Esra YARIŞ, Hilal SARUHAN FİDAN, Evin AYGUN TUNCAY, İsmail YENER, Hatice ÇAKIRCA, Havva BATIBEY, Mehmet BOĞA, Mustafa Abdullah YILMAZ, Mehmet FIRAT</i>	Fatty Acid Composition of Some Endemic Salvia Species by Using GC/MS
P3-24	<u>Abduselam ERTAŞ</u> <i>Mustafa Abdullah YILMAZ, Esra YARIŞ, Mehmet BOĞA, İsmail YENER, Mehmet FIRAT, Hamdi TEMEL</i>	Chemical Profile of Salvia Cerino-Pruinosa Var. Cerino-Pruinosa and Salvia Rosifolia by Using LC-MS/MS
P3-25	<u>Mustafa Abdullah YILMAZ</u> <i>Esra YARIŞ , Mehmet BOĞA , Mehmet FIRAT , Hamdi TEMEL , Abduselam ERTAŞ</i>	Total Phenolic-Flavonoid Content and Anticholinesterase Activities of two Endemic Salvia Species from East Anatolia
P3-26	<u>Mehmet BOĞA</u>	Biological Activities of Thymus Cariensis and Thymus Convolutus Endemic to Turkey

P3-27	<u>Mehmet BOĞA</u> <i>Gökhan ZENGİN , Yeter YEŞİL , Abdulselam ERTAŞ</i>	Essential Oil Analysis of Two Endemic Thymus Species: Thymus Cariensis and Thymus Convolutus
P3-28	<u>Elif VARHAN ORAL</u> <i>Mustafa Abdullah YILMAZ , Hava BATIBAY, Abdulselam ERTAS, Mehmet BOGA, Mehmet FIRAT, Hamdi TEMEL, Berrin ZİYADANOĞULLARI</i>	Chemical Profile by LC-MS/MS the Ethanol Extract of Salvia Sclarea
P3-29	<u>Elif VARHAN ORAL</u> <i>Hava BATIBAY, Abdulselam ERTAS , Mehmet BOGA , Mehmet FIRAT , Mustafa Abdullah YILMAZ , Mehmet ÖZTÜRK , Berrin ZİYADANOĞULLARI</i>	The Biological Activities of Salvia Suffruticosa from Anatolia
P3-30	<u>İsmail YENER</u> <i>Abdulselam ERTAŞ, Mehmet FIRAT, Zeki TÜNAY, HamdiTEMEL</i>	The Determination of Trace Metal Content of Different Parts of Euphorbia Denticulata and E. Fistulosa
P3-31	<u>İsmail YENER</u> <i>Mustafa Abdullah YILMAZ, Hamdi TEMEL, Abdulselam ERTAŞ</i>	Chemical Profile By LC-MS/MS the Methanol Extract of Euphorbia Denticulata
P3-32	<u>Erhan KAPLANER</u> <i>Ebubekir İZOL , Abdulselam ERTAŞ , Mehmet BOĞA , Serkan YİĞİTKAN , Kerem ŞENTÜRK , Murat BİNGÜL , Hüseyin ALKAN , Mehmet ÖZTÜRK</i>	The Total Phenolic-Flavonoid Content, Cytotoxic, Antioxidant and Anticholinesterase Activities of Ethanol Extract of Allium Scabriscapum
P3-33	<u>Erhan KAPLANER</u> <i>Mehmet H. SİNGEÇ , Mehmet ÖZTÜRK , Atia-tul WAHAB , M.Iqbal CHOUDHARY</i>	NMR Studies on the Secondary Metabolites of Tricholoma Anatolicum
P3-34	<u>Mehmet ÖZTÜRK</u> <i>Mustafa Abdullah YILMAZ , Ebubekir İZOL , Abdulselam ERTAŞ , Işıl AYDIN , İsmail YENER , Elif VARHAN ORAL , Mehmet FIRAT , Hamdi TEMEL</i>	The Phenolic Content Analysis of Allium Scabriscapum by LC-MS/MS
P3-35	<u>Mehmet ÖZTÜRK</u> <i>Maya BELHADJ MOSTEFA, Ebru EROL, Mehmet EMİN DURU, Mustafa A. YILMAZ, Abdulselam ERTAS, Ahmed KABOUCHE, Zahia KaBOUCHE</i>	Characterization of Phenolic Compounds of Abies Numidica by LC-ESI-MS/MS with Antioxidant and Anticholinesterase Activities
P3-36	<u>Mehmet Hüseyin SİNGEÇ</u> <i>Erhan KAPLANER , Mehmet Ali ÖZLER , Aziz TÜRKOĞLU , Mehmet ÖZTÜRK</i>	Cytotoxic Activity of Tricholoma Focale
P3-37	<u>Ümran KALKAN</u> <i>Cemal SANDALLI , Emine AKYÜZ TURUMTAY , Halbay TURUMTAY , Ali Osman BELDÜZ</i>	Strong Inhibition Effect on The Replicative DNA Polymerase and Chromatographic and Spectroscopic Determination of Phenolic Compounds of Pyhtolacca Americana L. Fruits

P3-38	<u>İbrahim BULDUK</u> <i>Nurullah ŞANLI , Senem ŞANLI</i>	Deveopment and Validation of an RP-HPLC Method for Quantification of Galantaminein The Plant Extract and Pharmaceutical Formulation
P3-39	<u>İbrahim BULDUK</u> <i>İbrahim Hakkı CİĞERCİ</i>	Optimisation of Extraction Conditions for Phenolic Compounds From Mountain Tea (Sideritis Akmanii) Leaves
P3-40	<u>Duygu TAŞKIN</u> <i>Turgut TAŞKIN, Ahmet DOĞAN, Emre DÖLEN</i>	The Investigation of Biological Activities and HPLC-DAD-MS Analysis of Phenolic Compounds of Achillea Vermicularis
P3-41	<u>Turgut TAŞKIN</u> <i>Duygu TAŞKIN , Erkan RAYAMAN , Umran S. GÜRER</i>	Phytochemical Analysis and Evaluation of In Vitro Anti-Urease and Antimicrobial Activities of Methanol Extract from Geranium Purpureum
P3-42	<u>Turgut TAŞKIN</u> <i>Duygu TAŞKIN, Erkan RAYAMAN, Tuğçe DİKPİNAR, Sevda SÜZGEÇ-SELÇUK, Turan ARABACI</i>	Comparative Evaluation of Different Extraction Methods and Solvents for Biological Activities of Endemic Achillea lycanica
P3-43	<u>Despina PENTARI</u> <i>Pavlina ROTONDO , Despina VAMVUKA</i>	Evaluation of Energy Dispersive Xray Fluorescence Spectroscopy for the Determination of Light Rare Earth Elements in Geological Material
P3-44	<u>Irina KARADJOVA</u> <i>Olga VELEVA , Metody KARADJOV , Trajče STAFILOV , Penka VASSILEVA</i>	Silver Nanoparticles – Efficient Sorbent for Trace Elements Determination by Total Reflection X-Ray Fluorescence
P3-45	<u>Irina KARADJOVA</u> <i>Tsvetomil VOYSLAVOV , Elisaveta MLADENOVA , Metody KARADJOV</i>	Self-Organizing Maps as a Tool for Classification of Different Kinds of Bulgarian Monofloral Honey
P3-46	<u>Nuriye AKBAY</u> <i>Şule ÖZKAN, Ayşe UZGÖREN-BARAN</i>	Investigation of Binding Characteristics of Two Hydrazone Derivatives with Nucleic Acids by Spectral Methods
P3-47	<u>Nuriye AKBAY</u> <i>M. LOSYTSKYI , N.AKBAY , S.CHERNII , E. AVCI , V.CHERNII , M.CULHA , V.KOVALSKA</i>	Use of SERS for Characterization of Interaction Between Phthalocyanine Complex and Amyloid Fibrils
P3-48	<u>Ayşen GÜMÜŞTAŞ</u> <i>Elçin Ezgi AHİ, Mehmet Gokhan CAGLAYAN, Bengi USLU, Demet ÇETİN, Zekiye Suludere, Uğur TAMER</i>	CTAB-Free Generation of SERS Active Gold Nanoparticle and Lateral Flow Immunoassay Application
P3-49	<u>Murat KAYA</u> <i>Raisan KADHİM, Canan KARABAY, Talat AL-AQBİ</i>	Preparation and Characterization of Silver-Pesee Film Deposited On ITO Glass Surface as a Surface Enhanced Raman Scattering Substrate
P3-50	<u>Ceren UZUN</u> <i>Canan KARABAY, Ceren UZUN, Murat KAYA</i>	Preparation of Noble Metal and Polymer Added Titanium Based Magnetic Photocatalytic Nanocomposite Material and Usage in Environmental Remediation
P3-51	<u>Ceren UZUN</u> <i>Murat KAYA, Mürvet VOLKAN</i>	Multiplexed and Sensitive Detection of Glucose via Fluorescence and Surface Enhanced Raman Spectroscopy
P3-52	<u>Onur ŞENOL</u> <i>Mevlut ALBAYRAK , Onur SENOL , Fatma DEMIRKAYA MILOGLU , Yucel KADIOGLU , Cemal GUNDOGDU</i>	Application of Photonics in Diagnosis of Papillary Thyroid Carcinoma Tissues by FT-IR and Raman Spectroscopy

P3-53	<u>Hale Seçilmiş CANBAY</u> <i>Mahmut DOĞANTÜRK</i>	Application of Differential Scanning Calorimetry and Fourier Transform Infrared Spectroscopy to The Study of Some Drug-Excipient Compatibility
P3-54	<u>Hale Seçilmiş CANBAY</u>	The Solute Descriptor That Account for the Ionization of Some Propionic Acid and Acetic Acid Class of Non-Steroidal Anti-Inflammatory Drugs for Determination of Dissociation Constants
P3-55	<u>Athanasios VLESSIDIS</u> <i>Vasiliki A. GATSELOU , Dionysios C. CHRISTODOULEAS , Antonios KOULOUMPIS , Dimitrios GOURNIS , George Z. TSOGAS , Dimosthenis L. GIOKAS</i>	Development of a New Index for Phenolic Compounds Using Unique Colour Transitions of Rhodium Nanoparticles
P3-56	<u>Ali SUNGUR</u> <i>Efstratios KELEPERTZIS , Fotini BOTSOU , Mustafa SOYLAK</i>	Relationship Between Soil Properties and Different Fractions of Cd, Cu, Ni, Pb and Zn in Roadside Agricultural Soils from Athens, Greece
P3-57	<u>Ayşen ÖZTÜRK ÇETİN</u> <i>Nedime DÜRÜST</i>	Analysis of Some Honey Samples Using Microtiter Plate Reader (MPR)
P3-58	<u>Ayşen ÖZTÜRK ÇETİN</u> <i>Nedime DÜRÜST</i>	Determination of Some Heavy Metal Ions Using Optical Sensors with Microtiter Plate Reader (MPR)
P3-59	<u>Halim AVCI</u>	Major Ion Chemistry, Quality and Assessment Nitrate Levels and in Groundwaters
P3-60	<u>Hacer Sibel KARAPINAR</u> <i>Fevzi KILIÇEL , Omur GÜLADA</i>	The Research on Heavy Metal Content of Soils Which Are Received from the Different Agricultural Areas in Karaman
P3-61	<u>Bahire Filiz ŞENKAL</u> <i>Arzu ERSOY , Gülçin TORUNOĞLU TURAN</i>	Modification of Tris(Hydroxymethyl)Aminomethane Functions Onto Crosslinked Poly (Vinyl Benzyl Chloride (PVBC)-co-Ethylene glycole dimethacrylate) for Removal of Boron from Water
P3-62	<u>Ümran SEVENDEMİR</u> <i>Seref GUCER</i>	Assessment of Essential Element Bioaccessibilities in Baby & Toddler Foods Using Response Surface Methodology Approach
P3-63	<u>Seda ÇETİNTAŞ</u> <i>Bingöl D.</i>	An Experimental Design Approach to Evaluate Leaching Characteristics of Nickel Laterites with Different Analytical Techniques Used for Analysis
P3-64	<u>Sema BAĞDAT</u> <i>Feyzullah TOKAY</i>	Elemental Distribution and Fatty Acid Profile of Raw Goat Milk:Effect of Dietary Olive Pellets on Milk Nutritional Value
P3-65	<u>Özge EREN</u> <i>Aysegül GÖLCÜ</i>	Retinoic Acid: a Spectroscopic Approach on Binding Studies of DNA with the Copper(II) Complex
P3-66	<u>Ayşegül GÖLCÜ</u>	Spectrophotometric Methods for the Calculation of DNA Binding of Metal Based Drugs: Recent Trends and Developments

P3-67	<u>Fatma DEMİRKAYA MİLOGLU</u> <i>Elmas POLATDEMİR, Kadir Özden YERDELEN, Önder METİN, Yücel KADIOĞLU</i>	Spectrofluorometric Determination of Zinc in Pharmaceutical Preparations by Using the Manganese Displacement from Manganese-Zinpyr-1 Complex
P3-68	<u>Viktor STEFOV</u> <i>V. KOLEVA, M. NAJDOSKI, Z. ABDIJA, A. CAHIL, B. ŠOPTRAJANOV</i>	Spectroscopic Analyses of $Mg_2KH(XO_4)_2 \cdot 15H_2O$ (X = P, As): Unusual Spectral Behavior of Symmetric Dimers $[H(XO_4)_2]$
P3-69	<u>Violeta KOLEVA</u> <i>Viktor STEFOV, Metodija NAJDOSKI, Zlatko ILIEVSKI, Adnan CAHIL</i>	Thermal and Spectral Studies of $MgI_2 \cdot 8H_2O$
P3-70	<u>Hava ÖZAY</u> <i>Mehmet YİLDİRİM, Ozgur OZAY</i>	Fully Substituted Functional Phosphazene Compounds as Selective Anion Probes
P3-71	<u>Hava ÖZAY</u> <i>Omer Kaan KOC</i>	The Synthesis and Application of New Phosphazene Compound as Highly Selective Cyanide Sensor
P3-72	<u>Cem ESEN</u>	Molecularly Imprinted Polymer Nanoparticles for Protein Diagnosis
P3-73	<u>Abdullatef Ahhmed</u> <i>Necla ÖZER, Hasan YETİM, Mustafa ÇAM, Safa KARAMAN, Michio MUGURUMA, Takeda SHIRO, Ryoichi SAKATA</i>	In Vitro ACE Inhibitory Activity of Beef Dry Muscle (M. Semimembranosus)
P3-74	<u>Sezin ATICI ÖZDEMİR</u> <i>Erhan ÖZDEMİR, Gülay ERTAS</i>	Synergic and Antagonistic Effects Between Boron and Arsenic in Yeast (<i>Saccharomyces Cerevisiae</i>) Cells
P3-75	<u>Elçin Ezgi AHI</u> <i>Aysen GUMUSTAS, Hakan ÇİFTÇİ, M. Gokhan CAGLAYAN, Yeşim SOMAY SELBES, Ferah ÇOGUN, Ender YILDIRIM, Uğur TAMER</i>	Chip-Based Immunomagnetic Separation of Human Chorionic Gonadotropin
P3-76	<u>Serkan SAYIN</u> <i>Mehmet Soner ENGIN</i>	Investigation of Some Heavy Metal Extraction Efficiencies of 1-(2-Furoyl)Piperazine Substituted Calix[4]Arene from Aqueous Solution
P3-77	<u>Serkan SAYIN</u> <i>Vildan SAYIN, Arzu UYANIK, Mustafa YILMAZ</i>	Utilization of Enantioselective Behavior of Encapsulated-Lipase Containing a Calixarene Derivative and Fe_3O_4 Nanoparticles Towards Racemic Flurbiprofen Pro-Drug
P3-78	<u>Nikos LYDAKIS-SIMANTIRIS</u> <i>Kiriakos ATHANASIADIS, Els PRINSEN, Ronny BLUST, Kris VISSENBERG</i>	Enzyme Expression in <i>Chlamydomonas reinhardtii</i> Exposed to Heavy Metals
P3-79	<u>Nikos LYDAKIS-SIMANTIRIS</u> <i>Kiriakos ATHANASIADIS, Els PRINSEN, Ronny BLUST, Kris VISSENBERG</i>	Elemental Analysis of <i>Chlamydomonas Reinhardtii</i> Cells exposed to Cd, Ni, and Pb

P3-80	<u>Üzeyir DOĞAN</u> <i>Esin KASAP , Ferah ÇOGUN , Ender YILDIRIM , Demet CETIN , Zekiye SULUDERE , Ismail Hakkı BOYACI , Nusret ERTAS, Ugur TAMER</i>	Simultaneous Detection of Two Different Bacteria Using QDs and MNPs
P3-81	<u>Pakızan TASMAN</u> <i>Mürvet VOLKAN , Nezaket Nehir UTKU</i>	Synthesis and Characterization of Ultra-Small Gadolinium Oxide Nanoparticles
P3-82	<u>Orhan ARAZ</u> <i>Yasemin OZTEKIN</i>	In Situ Formation of Gold Nanostructures on the Graphene-Modified Carbon Surfaces
P3-83	<u>Yeliz AKPINAR</u> <i>Mürvet VOLKAN</i>	Preparation of Biocompatible Magnetic Nanoparticles for Hyperthermia Treatment
P3-84	<u>Şule BULUT</u> <i>Ahmet UYSAL , Yasemin OZTEKIN</i>	A Green Chemistry Approach for the Synthesis of Gold Nanostructures and Investigations of Their Biological Activities
P3-85	<u>Meriç DOĞAN</u> <i>Ahmet UYSAL , Yasemin OZTEKIN</i>	Biological Activities of Silver Nanostructures Synthesized via Green Chemistry
P3-86	<u>Derya YILMAZ</u> <i>M.Haluk TÜRKDEMİR</i>	A Novel Approach to Characterization and Analysis of Cationic Textile Dyes

POSTER SESSION 4 (Friday, September 30th , 16:10-17:40)

P4-01	<u>Derya YILMAZ</u> <i>M.Haluk TÜRKDEMİR</i>	Electrochemical Characterization of Cotton Reactive Dyes
P4-02	<u>Ali ÖZCAN</u> <i>Salih İLKBAŞ, Ayça ATILIR ÖZCAN</i>	Development of Poly(Pyrrole-3- Carboxylic Acid) Modified Pencil Graphite Electrode for the Voltammetric Determination of Dopamine
P4-03	<u>Melike PEKİN</u> <i>Dilek ESKİKÖY BAYRAKTEPE, Zehra YAZAN</i>	Novel Electrochemical Sensor Based on Sepiolite Clay Modified Carbon Paste Electrode for Ascorbic Acid Detection
P4-04	<u>Zehra YAZAN</u> <i>Sevcan ERDEN</i>	A New Sepiolite Clay/TiO ₂ /Multiwall Carbon Nanotube Modified Carbon Paste Sensor for the Adsorptive Stripping Square Wave Voltammetric Analysis of Vanillin in Local Food Samples
P4-05	<u>Mustafa GÜRBÜZ</u> <i>Ali ÖZCAN</i>	Preparation of Graphene-Carbon Nanotube Modified Glassy Carbon Electrode for the Determination of Levofloxacin
P4-06	<u>Didem GIRAY DILGIN</u>	Differential Pulse Voltammetric Determination of Calcium Dobesilate Using a Pencil Graphite Electrode
P4-07	<u>Leyla KARADURMUS</u> <i>Sevinc KURBANOĞLU, Bengi USLU, Sibel A. OZKAN</i>	Electrochemical Determination of Rosuvastatin
P4-08	<u>Sevilay ERDOĞAN KABLAN</u> <i>Nuran ÖZALTIN</i>	Investigation of Electrochemical Behavior of Cefuroxime Axetil Using Hanging Mercury Drop Electrode
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P4-22	<u>Deniz İŞİN</u> <i>Derya POLAT, Ece EKSİN, Arzum ERDEM</i>	Impedimetric Detection of Microrna by Using Graphene Oxide Modified Graphite Electrodes
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P4-36	<u>Stela A. POULOUXI</u> <i>Mamas I. PRODRONIDIS</i>	Rapid Detection of Escherichia Coli by Measuring Beta-Glucuronidase Activity with Highly Sensitive Screen-Printed, Drop-Volume Electrochemical Cells of Phenolphthalein.
P4-37	<u>Nadia A. PAPADOPOULOU</u> <i>Mamas I. PRODRONIDIS</i>	Development of Chemical Sensors Based on Low Cost Printed Carbon Electrodes Modified with Nafion for Determination of Iron in Drinking Water.
P4-38	<u>Maria G. TRACHIOŦI</u> <i>Mamas I. PRODRONIDIS</i>	Green and Facile Electrode Modification by Spark Discharge: Sn-Screen Printed Electrodes for the Determination of Trace Cd and Zn.
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P4-47	<u>Tuba ÖZNÜLÜER,</u> <i>Bingül KURT URHAN, Hülya ÖZTÜRK DOĞAN, Ümit DEMİR</i>	Ni/Electrochemical Reduced Graphene Oxide (Ni-ERGO) Nanocomposite Electrocatalysts for Direct Alcohol Electrooxidation
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P4-74	<u>Ayça BİCEN İBİK</u> <i>Alev PARILDAR, Gizem KURŞUNLUOĞLU</i>	Characterization of Urethane-Modified Polyester in the Coating System with FTIR and Pyrolyser-GCMS
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P4-76	<u>Nurullah ŞANLI,</u> <i>Bediha AKMEŞE, Senem ŞANLI, Adem ASAN</i>	Determination of pK _a Value of Roxithromycin In Tetrahydrofuran- Water Binary Mixtures by Reversed Phase Liquid Chromatography
P4-77	<u>Senem ŞANLI</u> <i>İsmail Murat PALABIYIK</i>	Determination of Dissociation Constants of Some Anti-Diabetic Drugs in Water by Capillary Electrophoresis Method
P4-78	<u>Ebru ÇUBUK DEMİRALAY</u> <i>Zehra ÜSTÜN, Erdem KUZUCANLI, İkbal Demet NANE</i>	Temperature-Dependent Determination of Dissociation Constants of Three ACE Inhibitors with Reversed Phase Liquid Chromatography
P4-79	<u>Ebru ÇUBUK DEMİRALAY</u> <i>Hüseyin TUNÇMEN, Kader POTURCU, Güleren ALSANCAK</i>	Prediction of Retention Behaviour of Some Quinolones; Their Dissociation Constants And Lipophilicity Parameters
P4-80	<u>Hülya YILMAZ</u> <i>Ebru Çubuk DEMİRALAY, Y. Doğan DALDAL, Fatma ÜRER, Zehra ÜSTÜN</i>	Experimental Determination for Thermodynamic Protonation Constant of Three Selective Serotonin Reuptake Inhibitors
P4-81	<u>Güleren ALSANCAK</u> <i>Günseli ELGÖMÜŞ, Kader POTURCU, Nevzat ÇINAR, Onur BAŞŞI, Ebru Çubuk DEMİRALAY, Sibel ÖZKAN</i>	Prediction of Retention Behaviour of Selected NSAIDs and Zofenopril; Their Dissociation Constants and Lipophilicity Parameters
P4-82	<u>Güleren ALSANCAK</u> <i>Dilara BAŞAT, Kader POTURCU, Günseli ELGOMUS</i>	Prediction of Retention Behaviour of Diabetic Drugs and Investigation of Their Dissociation Constants and Lipophilicity Parameters
P4-83	<u>Yüksel ALTUN</u>	Factor-Analysis Applied to the Study of the Effects of Solvent Composition on the Protonation Constants of Aliphatic Diamines in Ethanol-Water Mixtures within the

		Kamlet-Taft Formalism
P4-84	<u>Aysegül DOĞAN</u> <i>Merve Banu KOC, Nursabah E. BAŞCI</i>	Acidity Constant Determination of Tadalafil: Potentiometry and Spectrophotometry
P4-85	<u>Kader POTURCU</u> <i>Günseli ELGÖMÜŞ, Nevzat ÇINAR, Onur BAŞŞİ, Ebru Çubuk DEMİRALAY, Sibel ÖZKAN, Guleren ALSANCAK</i>	Prediction of The Retention Behaviour on Butyl Column of Six NSAIDs and Zofenopril: Relation of Chromatographic Data and Eluent pH
P4-86	<u>Kadir ERDEM</u> <i>Merve SAYIN, Ahmet ALP, Mustafa İMAMOĞLU</i>	Separation, Preconcentration and Recovery of Au(III) Ions Using Bis(3-aminopropyl)Amine Bonded Silica Gel

- ✓ We can not change your session schedule which was decided on the program committee meeting
- ✓ Please remove your poster from the panel after the session ends

*** All poster presentations will be evaluated by minimum five referees. The best 5 or 6 posters will be selected for each poster session. Finally, the selected best 20 or 24 posters will orally be presented for 5 min each at the 1st October. After presentations of the selected posters, the best three posters will be selected by all the participants and significant prizes will be granted for the best posters by TÜPRAŞ (Turkish Petroleum Refineries Corporation).