

Monday, September 29th	
18:00 – 20:00	Registration Homerion Cultural Center
20:00	Welcome Cocktail Homerion Cultural Center

Tuesday, September 30th	
08:30	Registration – Poster Session 1 set up The registration desk will be open everyday during Conference hours
Welcome Ceremony	
09:00 – 09:15	Welcome Greetings by the Authorities
09:15 – 09:30	Opening Remarks – AACD2014 <i>A tribute to Prof. Emeriti John Stratis, Şeref Güçer, and Osman Yavuz Ataman</i>
Tuesday Oral Session 1 The John Stratis Session Chairs: S. Gucer, O. Y. Ataman	
09:30 – 10:00	[IL01] J. Stratis, Aristotle University of Thessaloniki, Greece Applied Analytical Chemistry Combined with Applied Mineralogy; The Core of Environmental and Cultural Physical Sciences
10:00 – 10:30	[IL02] Y. Dilgin, Çanakkale Onsekiz Mart University, Turkey Photoelectrochemical Sensors for Determination of Biologically and Environmentally Important Compounds
10:30 – 10:50	[OP01] M. Prodromidis, University of Ioannina, Greece Screen-Printed Graphite Electrodes Modified with a Langmuir - Blodgett Layer-by-Layer Deposited Tailored Functional Single Nanoblock of Graphene-Prussian Blue
10:50 – 11:10	[OP02] L.G. Bachas, University of Miami, FL, USA Enhancing the Lifetime Performance of PVC-Membrane Ion-Selective Electrodes by Using Polymeric Plasticizer
11:10 – 11:30	Coffee & Refreshments Break – Poster Session 1
11:30 – 13:30	Visit to Chios Castle and surroundings (Old City)
13:30 – 15:00	Lunch – Poster Session 1
Tuesday Oral Session 2 Chairs: L. G. Bachas, M. Prodromidis	
15:00 – 15:30	[IL03] A. Roda, University of Bologna, Italy Multiplex Ultrasensitive Biosensors Based on Complementary Chemical Luminescence Detection Principles
15:30 – 15:50	[OP03] A. Bobrowski, AGH – University of Science and Technology, Poland Lead Film Screen Printed Electrode for Adsorptive Stripping Voltammetric Determination of Co(II) and Ni(II)
15:50 – 16:10	[OP04] A. Królicka, AGH – University of Science and Technology, Poland Voltammetric Determination of Heavy Metals Released from Fly Ash
16:10 – 16:30	[OP05] F.N. Ertas, Ege University, Turkey Pyranose Oxidase and Pt–MnOx Bionanocomposite Electrode Bridged by Ionic Liquid for Biosensing Applications
16:30 – 16:50	[OP06] A.N. Anthemidis, Aristotle University of Thessaloniki, Greece Lab-in-Syringe Platform. A Novel Sample Preparation Tool for Atomic Absorption Spectrometric Assays
16:50 – 17:20	Coffee & Refreshment Break - Poster Session 1

Tuesday Oral Session 3 Chairs: E. Rosenberg, G. A. Zachariadis	
17:20 – 17:40	[OP07] Zachariadis GA., <i>Aristotle University of Thessaloniki, Greece</i> Derringer's Function for Multivariable Optimization in ICP-AES Analysis of Platinum Group Metals
17:40 – 18:00	[OP08] L. Pelit, <i>Ege University, Turkey</i> Gas Chromatographic Determination of Methanol in Biodiesel Samples by Head-Space Solid Phase Micro Extraction Technique
18:00 – 18:20	[OP09] E. Yildirim, <i>Middle East Technical University, Turkey</i> Simultaneous Speciation of Arsenic and Selenium in Green Onion (<i>Allium Cepa</i>) Using HPLC-ICP-MS
18:20 – 18:40	[OP10] D.Y. Sarica, <i>Middle East Technical University, Turkey</i> On-Line Determination of Arsenic Species by HPLC-ICP-MS - Occurrence of Arsenicals in Rice, Apple and Seafood from Ankara, Turkey Markets
18:40 – 19:00	[OP11] M.C.B.S.M. Montenegro, <i>University of Porto, Portugal</i> Vortex-Assisted Liquid-Liquid Micro-Extraction Coupled to Spectrophotometric Propofol Determination in Biological Matrices
19:00	Poster Session 1 removal

Wednesday, October 1st	
08:30	Registration – Poster Session 2 set up
Wednesday Oral Session 4 Chairs: N.S. Thomaidis, V. Sakkas	
09:00 – 9:30	[IL04] G. Theodoridis, <i>Aristotle University of Thessaloniki, Greece</i> Metabolic Profiling: Limitations, Challenges, Perspectives for the Analytical Chemist
09:30 – 10:00	[IL05] C. Stalikas, <i>University of Ioannina, Greece</i> Graphene-Based Materials In Analytical Sample Preparation
10:00 – 10:20	[OP12] S. Fasoula, <i>Aristotle University of Thessaloniki, Greece</i> Retention Prediction and Separation Optimization Under Multilinear Gradient Elution in HPLC with Microsoft Excel Macros
10:20 – 10:40	[OP13] A.V. Tugarova, <i>Russian Academy of Sciences, Russia</i> Analysis of Metabolic Transformations in Bacterial Cells Using Spectroscopic Approaches
10:40 – 11:00	[OP14] F. Tsopeles, <i>National Technical University of Athens, Greece</i> The Performance of Two Different Phospholipid Stationary Phases on Sixty Structurally-Diverse Drugs and their Ability to Mimic Membrane Permeability
11:00 – 11:30	Coffee & Refreshment Break – Poster Session 2
Wednesday Oral Session 5 Chairs: G. Theodoridis, C. Stalikas	
11:30 – 12:00	[IL06] B. Kasprzyk-Hordern, <i>University of Bath, UK</i> Chiral Chromatography Coupled with Tandem Mass Spectrometry for Enantiomeric Profiling of Chiral Pharmacologically Active Compounds
12:00 – 12:20	[OP15] N.S. Thomaidis, <i>University of Athens, Greece</i> Development of Wide-Scope High Resolution Mass Spectrometric Screening Workflows for the Determination of Known and Unknown Emerging Contaminants in Wastewater Samples
12:20 – 12:40	[OP16] G. Van 't Slot, <i>Bruker, Germany</i> Confirming the Nature and the Amount of Dioxins by GC Triple Quadrupole Mass Spectrometry

12:40 – 13:00	[OP17] C. Aftafa , <i>Ege University, Turkey</i> Chemometric Approach to the Optimization of LC-MS/MS System Parameters for Estrogenic Hormone Analysis
13:00 – 13:20	[OP18] V. Borova , <i>University of Athens, Greece</i> Development of a LC-QTOFMS Method for the Spatial Determination of Pharmaceuticals, Controlled Psychoactive and Illicit Drugs and their Metabolites in Saronikos Gulf
13:30 – 15:00	Lunch – Poster Session 2
Wednesday Oral Session 6 Chairs: A. Anthemidis, R. Apak	
15:00 – 15:30	[IL07] E. Rosenberg , <i>Technical University of Vienna, Austria</i> Investigation of Volatile Degradation Products of the Organic Electrolyte in Li-Ion Batteries under Conditions of Normal Use and Abuse
15:30 – 15:50	[OP19] T.N. Dizdaş , <i>Ege University, Turkey</i> A Novel Thiophene Fiber Modified with Clay for the Gas Chromatographic Determination of Chlorpyrifos in Juice Samples
15:50 – 16:10	[OP20] F.O. Pelit , <i>Ege University, Turkey</i> Fast and Sensitive Micro Solid Phase Extraction Method for the Analysis of Steroid Hormones
16:10 – 16:30	Coffee & Refreshment Break
16:30	Poster session 2 removal
16:30	Trip to Mastic villages (Pyrgi, Mesta, and surroundings)
21:00	Return to Chios

Thursday, October 2nd	
08:30	Registration – Poster Session 3 set up
Thursday Oral Session 7 The Seref Gucer Session Chairs: O. Y. Ataman, J. Stratis	
09:00 – 9:30	[IL08] S. Gucer , <i>Uludag University, Turkey</i> Copper and Manganese Bioavailabilities in Wheat Flour using Chemical Fractionation Approach
09:30 – 10:00	[IL09] A. Arda , <i>Istanbul University, Turkey</i> Spectroscopic and Electrochemical Techniques for the Sensing/Quantification of Explosive Residues
10:00 – 10:20	[OP21] I. Durukan , <i>Hacettepe University, Turkey</i> Determination of Antimony Concentration Leaching from PET Bottles into Drinking Water
10:20 – 10:40	[OP22] M. Yaman , <i>Firat University, Turkey</i> Cadmium and Lead Uptake by Eggplant Depending on Metal Concentrations in Irrigation Water
10:40 – 11:00	[OP23] I. Zabetakis , <i>University of Athens, Greece</i> The Bioaccumulation and Physiological Effects of Chromium and Nickel in Food Tubers in Asopos Region in Greece and Relevant Dietary Implications
11:00 – 11:30	Coffee & Refreshment Break – Poster Session 3
Thursday Oral Session 8 Chairs: A. Arda, A. Bobrowski	
11:30 – 12:00	[IL10] R. Mistrik , <i>HighChem, Slovakia</i> : Solving the Identification Bottleneck Using mzCloud, a Novel Database of High Resolution Mass Spectra
12:00 – 12:20	[OP24] A. Pena , <i>University of Coimbra, Portugal</i> Tracing Pharmaceuticals In Portuguese WWTPs During Winter

12:20 – 12:40	[OP25] Y. Kadioğlu , <i>Mevlut Albayrak, Turkey</i> Determination of Olanzapine in Pharmaceutical Formulations by LC-MS Method
12:40 – 13:00	[OP26] Ch. Proestos , <i>University of Athens, Greece</i> Identification and Quantification of Phenolic Compounds in Food Samples by RP-HPLC/UV, LC-MS/MS and GC/MS after Silylation
13:00 – 13:20	[OP27] S. Yenisoý-Karakaş , <i>University of Abant Izzet Baysal, Turkey</i> Determination of Metal Contamination in Fruit Juices in Turkey with Method Validation and Uncertainty Calculation
13:30 – 15:00	Lunch – Poster Session 3
Thursday Oral Session 9 Chairs: A. Roda, A. Pena,	
15:00 – 15:30	[IL11] M. Ochsenkühn-Petropoulou , <i>National Technical University of Athens, Greece</i> Process Control of an Innovative Method for the Recovery and Separation of Rare Earths from Red Mud by Spectrometric and Chromatographic Techniques
15:30 – 15:50	[OP28] V. Jovanovski , <i>National Institute of Chemistry, Slovenia</i> Recent advances in stripping voltammetry using structured metal film electrodes
15:50 – 16:10	[OP29] E.G. Farmaki , <i>The Athens Water Supply and Sewerage Company (EYDAP SA), Greece</i> Multivariate Non-Parametric Classification Methods for Determining the Origin of Urban Water Network Leakages
16:10 – 16:30	[OP30] Ch. Fotakis , <i>National Hellenic Research Foundation, Greece</i> Impact of the dietary supplementation with flavonoids on the metabolic fingerprint of chicken plasma. An NMR-based metabolomic study
16:40 – 17:00	[OP31] Th. Tsiaka , <i>University of Athens, Greece</i> Comparison of ultrasound- and microwave- assisted extraction techniques for the recovery of carotenoids from shrimps
17:00	Poster session 3 removal
21:00	Gala Dinner

Friday, October 3rd	
08:30	Registration – Poster Session 4 set up
Friday Oral Session 10 The Osman Yavuz Ataman Session Chairs: A. C. Calokerinos, M. Ochsenkühn-Petropoulou	
09:00 – 09:30	[IL12] O. Y. Ataman , <i>Middle East Technical University, Turkey</i> Atom Traps Meet Chromatography And Speciation In Chios
09:30 – 09:50	[OP32] P. Mercan , <i>Middle East Technical University, Turkey</i> Use of Tungsten Coil System as Electrothermal Vaporizer and Electrothermal Atomizer in Atomic Spectrometry
09:50 – 10:10	[OP33] R. Apak , <i>Istanbul University, Turkey</i> Important Milestones in the Development of the CUPRAC, CERAC, and Ferricyanide Assays for Antioxidant Characterization (2004-2014)
10:10 – 10:30	[OP34] U. Tamer , <i>Gazi University, Turkey</i> The Modification of Paper Based Microfluidic Surface Enhanced Raman Spectroscopy Platform
10:30 – 10:50	[OP35] C. Mitsi , <i>Agricultural University of Athens, Greece</i> Botanical and Geographical Discrimination of Common (<i>Phaseolus Vulgaris</i> L.) and Giant (<i>Phaseolus Coccineus</i> L.) Bean Seeds Using Infrared Spectroscopy

10:50 – 11:30	Coffee & Refreshment Break – Poster Session 4
Friday Oral Session 11 Chairs: Y. Dilgin, A. Fitoz	
11:30 – 12:00	[OP36] Ch. Kanakaki , <i>Technical University of Vienna, Austria</i> Implementation of the Vacuum Outlet GC/MS Technique for the Analysis of UV Filters in Cosmetic Products
12:00 – 12:20	[OP37] M. Yazicioğlu , <i>Ankara University, Turkey</i> The Effect of Newly Synthesized Tetrazole Compounds as Inhibitors for Mild Steel in Acidic Media
12:20 – 12:40	[OP38] E. Yavuz , <i>Erciyes University, Turkey</i> Nano Sponge Mn ₂ O ₃ as a New Adsorbent for the Preconcentration of Pd(II) And Rh(III) Ions in Various Samples
12:40 – 13:00	[OP39] R. Saygili , <i>Dumlupınar University, Turkey</i> Investigation of Preconcentration Conditions of Lead (II) from Aqueous Solution Using Grafen Oxide Modified Expanded Perlite
13:00 – 13:20	[OP40] A. Fitoz , <i>Ankara University, Turkey</i> The Comparison of Experimental and Quantum Chemical Analysis of Some Organic Inhibitors for Mild Steel Corrosion in Acidic Media
13:30 – 15:30	Lunch – Poster Session 4
Closing Ceremony Chairs: A. C. Calokerinos, N. S. Thomaidis	
15:30 – 16:00	Closing Ceremony - Young Research Scientist Poster Awards
16:00	Poster session 4 removal

POSTER SESSION 1

P1-01	Kallithrakas-Kontos N, Foteinis S	Application of Caesium-137 Technique for Studying Environmental Sensitive Areas
P1-02	Akbay N, Uzgoren Baran A, Lakowicz JR	Palladium Nanostructured Substrates in Label-Free Fluorescence Detection of Proteins
P1-03	Akbay N, Gokoglu E	Fluorimetric Investigation of Interactions Between Two Ethidium Derivatives and Serum Albumins
P1-04	Doğan Ü, Ertaş N, Tamer U, Boyacı IH, Çetin D, Suludere Z	Rapid Bacteria Detection Using Magnetic Nanoparticles and Quantum Dots
P1-05	Giray Dilgin D, Gökçel HI	Photoelectrochemical Glucose Biosensor in Flow Injection Analysis System Using Poly-Hematoxylin Modified Glassy Carbon Electrode
P1-06	Grabarczyk M, Koper A, Reszko-Zygmunt J	Determination of Bismuth by Adsorptive Stripping Voltammetry Using Aluminium Oxide for Elimination of Environmental Sample Matrix Interferences
P1-07	Grabarczyk M, Wardak C	Simple and Fast Determination of Lead In Environmental Water Samples Containing High Concentrations of Surface Active and Humic Substances
P1-08	Dimovasilis PA, Prodromidis MI	Bismuth Sol-Gel-Modified Screen Printed Graphite Electrodes for the Determination of Lead And Cadmium
P1-09	Stergiou DV, Dimovasilis PA, Diamanti EK, Patsalas P, Gournis D, Prodromidis MI	Gold Nanoparticle-Decorated Cysteamine-Modified Graphene Oxide as Sensing Layer for the Voltammetric Determination of Arsenic
P1-10	Michopoulos A, Prodromidis MI	Ultra-Sensitive Determination of Vitamin B12 Using Low-Cost Graphite Screen-Printed Electrodes and Adsorptive Voltammetry in Non-Deaerated Solutions in the Presence of EDTA
P1-11	Ertek B, Dilgin Y	Fabrication of Photoelectrochemical Glucose Biosensor Depending on Dehydrogenase Enzyme and NAD ⁺ /NADH Redox Couple Using Quantum Dot Modified Pencil Graphite Electrode
P1-12	Sağlam Ö, Dilgin Y	Photoelectrochemical Glucose Biosensor in FIA System Based on Glucose Oxidase Quantum Dot Modified MWCNT/GCE Electrode
P1-13	Tyszczyk-Rotko K, Bęczkowska I, Barczak M	Thiol-Functionalized Polysiloxane Film Electrodes Modified with Lead: Fabrication, Characterisation and Application in Stripping Analysis of Mercury(II)
P1-14	Tyszczyk-Rotko K, Bęczkowska I, Nosal-Wiercińska A	Application of Thiol-Functionalized Polysiloxane Film Electrode Modified with Lead in Stripping Analysis of Bi(III)
P1-15	Nosal-Wiercińska A, Grochowski M, Skrzypek S, Brycht M, Wiśniewska M, Tyszczyk-Rotko K	The Influence of Protonation on the Electroreduction of Bi(III) Ions in Chlorates(VII) Solutions of Different Water Activity
P1-16	Zehani N, Fortgang P, Kherrat R,	Electrochemical Biosensor for Bisphenol A

	Jaffrezic-Renault N	Determination Based on Multi Walled Carbon Nanotubes/Tyrosinase Modified Boron Doped Diamond
P1-17	Bobrowski A, Królicka A, Putek M, Zarebski J, Antonatos N, Economou A	Catalytic Adsorptive Stripping Chronopotentiometric Determination of Co(II) at Lead Film Electrode
P1-18	Królicka A, Bobrowski A, Zarebski J, Tesarowicz I	Voltammetric Determination of Sunset Yellow FCF in Soft Drink Samples
P1-19	Renato G, Amorim C, Crombie L, Lin PKT, Araújo AN, Silva MCB	Study of a Novel Polyamine as Electroactive Material for Perchlorate-Selective Potentiometric Sensors
P1-20	Sağlam Ş, Arda A, Erçağ E, Apak R	Electrochemical Determination of Nitrite with Gold Nanoparticles-Based Modified Au Electrode
P1-21	Can Z, Arda A, Erçağ E, Apak R	Determination of Acetone Peroxide Energetic Materials by Hydrolysis, Magnetic Nanoparticles-Assisted Degradation and p-Phenylenediamine Colorimetry
P1-22	Jovanovski V, Zidarič T, Hočevar SB	Recent Advances In Stripping Voltammetry Using Structured Film Electrodes
P1-23	Ceylan Koçak Ç, Altın A, Aslışen B, Koçak S	Hydrazine Oxidation at Metal Nano Particles Modified Poly(Taurine) Film Glassy Carbon Electrode
P1-24	Aslışen B, Koçak S, Ceylan Koçak Ç	Electrocatalytic Hydrazine Oxidation at Pt-Cu Nano particles Doped Poly(Bromocresol Purple) Modified Glassy Carbon Electrodes
P1-25	Petrova EV, Korotkova EI, Voronova OA, Bulycheva EV	Electrochemical Determination of Coenzyme Q10 at a Glassy Carbon Electrode
P1-26	Pelit L, Bağatır İ, Güney İ, Ertaş FN	Head Space Voltammetric Determination of Formaldehyde
P1-27	Karabiberoglu ŞU, Koçak CC, Dursun Z	Caffeine Oxidation at Poly(Pyrrole-Aminophenol) Copolymer Film Modified Glassy Carbon Electrode
P1-28	Türkekul K, Arda A, Erçağ E, Apak R	Determination of the Insensitive Energetic Material: 3-Nitro-1,2,4-Triazol-5-One (NTO) Using Gold Nanoparticle-Based Optical Sensor
P1-29	Chorti P, Economou A, Koupparis M, Tsikna D	Fabrication of a Microfluidic Electrochemiluminescence Detector for On-Line Assay of Hydrogen Peroxide
P1-30	Lezi N, Economou A, Efstathiou CE	Screen-Printed Sensors with Thick-Film Sputtered Bismuth Electrode for Voltammetric Determination of Neonicotinoid Pesticides
P1-31	Erçağ E, Sağlam Ş, Arda A, Apak R	Voltammetric Determination of Nitro-Aromatic Energetic Materials with Glassy Carbon Electrode
P1-32	Toubanaki DK, Margaroni M, Karagouni E	Evaluation of a Signal Enhancement Method in a Nanoparticle-Based Paper Lateral Flow Biosensor
P1-33	Odaci Demirkol D, Bekir Yildiz H, Timur S	Photoelectrochemical E. Coli O157:H7 Detection Based on Semiconducting Nanoparticles
P1-34	Ece Keskin S, Demirel Özel A, Elif Kormalı Ertürün H, Şahin Ö, Yılmaz M, Kılıç E	Iodide-Selective Carbon Paste Electrode Based on Recently Synthesized Calix[4]Arene Derivative
P1-35	Anthemidis AN, Zachariadis GA, Karakostas T, Zachariadis AG,	Trace Silver Determination in Surface Soil Matrices by Electrothermal Atomic Absorption

	Stratis JA	Spectrometry
P1-36	Katsifas CS, Ignatiadou D, Kantiranis N, Zachariadis GA	Metal Containers of the 4th Century BC Analysis of their Composition and Contents
P1-37	Trikas E, Papi RM, Kyriakidis DA, Zachariadis GA	Identification and Quantitative Determination of Anthocyanin Content in Grape Pomace from the Wine Making Industry in Comparison to the Equivalent Content of the Wine Variety
P1-38	Kılınç E, Demirci Ö, Haşimi N, Tolan V	Toxicity Studies of Multiwalled Carbon Nanotube Modified Superparamagnetic Iron Oxide Nanoparticles (SPION)
P1-39		
P1-40		
POSTER SESSION 2		
P2-01	Deda O, Chatziioannou AC, Taitzoglou I, Mougios V, Theodoridis G	Study of Exercise Biomarkers in Rat Fecal Extracts Using NMR Based Metabolomics Analysis
P2-02	Deda O, Nakas A, Taitzoglou I, Poutahidis T, Theodoridis G, Papageorgiou VP, Assimopoulou AN, Gika H	Metabolic Profiling Study of DSS Induced Colitis in Rats and the Effect of Shikonin
P2-03	Fasoula S, Zisi Ch, Gika H, Pappa-Louisi A, Nikitas P	A New Approach for the Retention Prediction of Ionizable Solutes Under pH Gradients at Different Organic-Solvent Content in Reversed Phase Liquid Chromatography
P2-04	Sampsonidis I, Witting M, Virgiliou C, Gika H, Raikos N, Schmitt-Kopplin P, Theodoridis G	Stationary Phase Comparison Methods for HILIC Based Metabolomics
P2-05	Çelik KS, Aral H, Aral T, Topal G	Preparation and HPLC Applications of a New Carbon Nanotube-Silica Hybrid Column Packing Material
P2-06	Karaaslan Aksu S, Yilmazcan Ö, İzgi B, Gucer S	Screening Procedure for Analysis of Parabens in Commercial Sunscreen Products by Liquid Chromatography Mass Spectrometry Electrospray Ionization (LC-ESI /MSN)
P2-07	Barbatsi M, Economou A	Development and Validation of an Automated Flow Injection–Liquid Chromatography Method for the Determination of Methyl- and Propyl Parabens in Hygiene Wipes Using UV and Chemiluminescence Detection
P2-08	Psoma AK, Bletsou AA, Thomaidis NS	Identification of Biotransformation Products of Amine-Containing Pharmaceuticals in Batch Bioreactors by LC-QTOFMS
P2-09	Tsilikidis I, Christophoridis C, Nika M-C, Thomaidis NS	Ozonation of Furosemide Under Various Physicochemical Conditions. Elucidation of Transformation Pathway Using LC-QTOF-MS
P2-10	Damalas DE, Bletsou AA, Thomaidis NS	Screening of Pesticides Residues and their Metabolites in Wastewater Samples Using Liquid Chromatography Quadrupole-Time-of-Flight Mass

		Spectrometry with an Accurate-Mass Database
P2-11	Kapsi M, Tsoutsi Ch, Albanis T	Validation of an Analytical Strategy Based on SPE/LC-MS and GC-MS for the Determination of Different Classes of Pesticides Residues in Natural Waters: Application and Characterisation of Ecosystem Exposure in Louros river (N.W. Greece)
P2-12	Nannou CI, Kosma CI, Albanis TA	Multi-Residue Analysis and Environmental Risk Assessment of Pharmaceutical Compounds in Surface Waters in Greece
P2-13	Nannou C, Boti V, Tsoutsi C, Mantzos N, Konstantinou I, Patakioutas G, Karras G, Albanis T	Rapid Screening of Pesticides in Surface Waters by UHPLC Coupled With High Resolution & High Mass Accuracy Hybrid Linear Ion-Trap-Orbitrap Mass Spectrometry
P2-14	Kaveli IP, Sakkas VA, Albanis TA	Pesticide Residues in Fruits and Vegetables: Liquid-Phase Microextraction Followed by Mass Spectrometric Detection and Risk Assessment
P2-15	Dizdaş TN, Pelit L, Pelit FO, Korba K, Kanik FE, Toppare L, Ertaş H, Ertaş FN	Preparation and Characterization of Poly(4-(2,5-Di(Thiophen-2-yl)-1h-Pyrrol-1-yl) Benzenamine (Poly(SNS-NH ₂)) Solid Phase Micro Extraction Fiber and its Application to Pesticide Analysis
P2-16	Okçu Pelit FO, Aftafa C, Pelit L, Yengin Ç	Determination of Organophosphorus Pesticides and their Metabolites in Milk Samples
P2-17	Güney I, Pelit FO, Pelit L, Ertaş H, Ertaş FN	Optimization of SPME Method for the Determination of Acetone in Urine Samples
P2-18	Bağatır İ, Pelit L, Pelit FO, Ertaş FN	Single Drop Micro Extraction Technique for Fast Analysis of Mercuric Ions in Saline Samples
P2-19	Çallı Altun N, Ayşar Güzelsoy N, İzgi B	Determination of Organochlorine Pesticides and Some Element Residues in Drinking Water by Analytical Techniques
P2-20	Ayşar Güzelsoy N, Biricik G, İzgi B	Iodine Determination in Food Samples Using Inductively Coupled Plasma/Mass Spectrometry
P2-21	İzgi B, Kayar M	Optimization of Laser Ablation Parameters for the Determination of Polybrominated Flame Retardants and Organotin Compounds by Laser Ablation-Inductively Coupled Mass Spectrometry
P2-22	Tümay Özer E, Osman B, Berker M, Çallı Altun N	Preparation of Poly (EGDMA-Matrp) Microspheres and their Application for Solid-Phase Extraction of Organophosphorus Pesticides in Water
P2-23	Osman B, Tümay Özer E, Kara A, Yeşilova E, Beşirli N	Preparation and Characterization of Magnetic Microbeads for Bisphenol - A Removal from Aqueous Phase
P2-24	Sungur S, Koroglu M, Ozkan A	Determination of Amount of Bisphenol A in Migrating from Cans to Foods
P2-25	Zonaras V	Determination of Quinolones in Fish Muscle Plus Skin by Ultra High - Performance Liquid Chromatography with Photo – Diode Array Detection
P2-26	Akyüz E, Sözgen Başkan K, Tütem E, Apak R	Development of an On-Line Liquid Chromatographic Method for the Determination of Simple Carbohydrates in Foods
P2-27	Panara AK, Pasiyas IN, Thomaidis NS	Development and Validation of a HILIC-UV Method for the Simultaneous Determination of Nucleotides in Infant Formula

P2-28	Aloupi M, Koulousaris M, Kalogeropoulos N	Heavy Metals in Aromatic Plants from Greece and in their Infusions
P2-29	Vogiatzis CG, Rosenberg E, Zachariadis GA	Investigation of the Complexation of Bis-(2-Carboxyethylgermanium) Sesquioxide (Ge-132) with DNA Nucleosides Using LCMS-IT-TOF
P2-30	Yilmazcan Ö, Rosenberg E, Izgi B, Gucer S	A Simple Method for Determination of Thimerosal in Some Cosmetic Products by High Performance Liquid Chromatography- Ion Trap-Time of Flight-Mass Spectrometry (HPLC-IT-TOF-MS)
P2-31	Bratakos SM, Sinanoglou VJ, Siapi E, Riganakos K, Zoumpoulakis P	2,5-Diketopiperazine Identification Based on Liquid Chromatography–Mass Spectrometry Analysis
P2-32	Samanidou V, Kaltzi I, Kabir A, Furton KG	Reducing Sample Preparation Steps by Using Fabric Phase Sorptive Extraction (FPSE) Technique for the Determination of Benzodiazepines in Blood Serum
P2-33	Şenol O, Yaman ME, Kadioğlu Y, Koçak ÖF	Determination of Citalopram in Pharmaceutical Preparation by HPLC-UV Method
P2-34	Yaman ME, Şenol O, Kadioğlu Y	Development and Validation of HPLC Method for Determination in Pharmaceutical Formulation Of Pantoprazole Used as Proton Pump Inhibitor Drug
P2-35	Atila A, Kadioğlu Y	Effects of Paracetamol on Plasma Adrenaline Levels of Rats
P2-36	Ular N, Arda A, Erçağ E, Apak R	Solid Phase Extraction and Gas Chromatography-Mass Spectrometric Analysis of Triacetone Triperoxide (TATP)
P2-37	Gökdere B, Durmazel S, Arda A, Erçağ E, Apak R	Spectrophotometric Determination of the Synthetic Cannabinoid: 1-[(5-Fluoropentyl)-1H-Indol-3yl]-(4-Methylnaphthalen-1-yl) Methanone (AM-2201)
P2-38	Kübra İnal E, Atakol O, Yılmaz N, Yazıcıoğlu M, Abdülkadir Akay M	The Investigation of Mass Fragments Formed via Electron Impact Ionization from Polynuclear Ni(II) and Cu(II) Complexes
P2-39	Stagakis M, Costopoulou D, Vassiliadou I, Karavoltos S, Kalogeropoulos N, Leondiadis L	PCBs Levels in Raw and Cooked Mediterranean Finfish and Shellfish
P2-40	Moukas AI, Thomaidis NS, Calokerinos AC	Liquid chromatography-atmospheric pressure photoionization –tandem spectrometry (LC-APPI-MS/MS) for the determination of polybrominated diphenyl ethers (PBDEs)

POSTER SESSION 3

P3-01	Bora S, Ertaş G, Ataman OY	Spectral and Non-Spectral Interference Effects of $^{12}\text{C}^+$ on $^{10}\text{B}^+$, $^{11}\text{B}^+$ and $^9\text{Be}^+$ Signals in ICP-MS
P3-02	Celik G, Sahan Y, Taskesen S	Bioaccessibility of Selenium in Commercial And Fortified Eggs
P3-03	Seven Erdemir U, Gucer S	Determination of Metal and Vitamin Bioaccessibilities in Baby & Toddler Foods by Chromatographic and Spectroscopic Methods
P3-04	Kasalová E, Aufartová J, Kujovská Krčmová L, Solichová D, Solich P	Determination of Vitamin D in Human Breast Milk - Methods

P3-05	Tokaloğlu Ş, Clough R, Foulkes M, Worsfold P	Bioaccessibility Of Cr, Cu, Fe, Mg, Mn, Mo, Se And Zn from Nutritional Supplements by the Unified Barge Method
P3-06	Sinanoglou VJ, Strati IF, Zoumpoulakis P, Proestos Ch, Papadakis SE, Aravantinos A, Zaverdinos P	Effect of Gamma Radiation on Proximate Composition and Fatty Acid Profile in Relation To Packaging Conditions
P3-07	Papaioannou C, Sinanoglou VJ, Lougovois V, Kyrana V, Proestos Ch	Effect of Different Preservation Methods in the Fatty Acid Profile of the Bivalve Callista Chione
P3-08	Nikolaou G-N, Sinanoglou VJ, Lantzouraki DZ, Zoumpoulakis P	Fatty Acid Composition of Maternal Milk Fat
P3-09	Yıldırım E, Dügencili B, Ertaş G, Yavuz Ataman O	Simultaneous Speciation of Arsenic and Selenium in Green Onion (<i>Allium Cepa</i>) Using HPLC-ICP-MS
P3-10	Fotakis C, Andreou V, Christodouleas DC, Liouni M, Calokerinos AC	Spectrophotometry Assesses the Antioxidant Profile of Alcoholic Beverages
P3-11	Tuzen M, Zeynep Pekiner O	Separation, Preconcentration and Speciation of Selenium by Ionic Liquid Dispersive Microextraction and Its Determination in Water and Food Samples Using GFAAS
P3-12	Karasakal A, Seren G, Kalebasi Y	Determination of Se(IV) Species in Some Environmental Samples by HGAAS
P3-13	Karasakal A	Antioxidant Activities of Canola Seeds Collected from Different Regions
P3-14	Karasakal A	A New First-Derivative Spectrophotometric Method for the Determination of Benidipine HCl and its Acid-Induced Degradation Product
P3-15	Papadopoulos K, Pefkianakis E, Vougioukalakis GC, Christodouleas D, Calokerinos AC, Dimotikali D	9,10-Dihydroacridines: Novel Fluorescent Probes for the Determination of Antioxidant Activities of Phenolic Compounds as well as Aqueous Extracts of Natural Products
P3-16	Lantzouraki DZ, Sinanoglou VJ, Zoumpoulakis P, Proestos C	Total Phenolic Content, Antioxidant Capacity and Phytochemical Profiling of Red and Pomegranate Wine (<i>Punica Granatum L.</i>)
P3-17	Graikou K, Gortzi O, Gergis V	Chemical Analysis and Antioxidant Evaluation of the Essential Oil of <i>Echinophora Tenuifolia L.</i> Subsp. <i>Sibthorpiana</i> (Tarchana Herb) Growing on Chios Island
P3-18	Anastasaki E, Papanikolaou N, Balayiannis G, Michaelakis A, Milonas P	Tomato Leaf Volatiles Induced by Egg Deposition of <i>Tuta Absoluta</i>
P3-19	Anastasaki E, Kanellou G, Astraka K, Daferera D, Tarantilis P, Polissiou M	Volatile and Phenolic Profile of Mediterranean Herbal Infusions
P3-20	Kappi FA, Choleva T, Tsogas GZ, Giokas DL, Vlessidis AG	Ion-Pair Thin Film Solid Phase Extraction and its Analytical Application to the Determination of Silver Nanoparticles in Environmental Samples by Atomic Absorption Spectrometry
P3-21	Gatselou V, Tsogas GZ, Giokas DL, Vlessidis AG	Determination of Phosphate Ions Based on Sensitized Photoluminescence of CdS Quantum Dots in Flow Injection Analysis

P3-22	Kappi FA, Tsogas GZ, Giokas DL, Vlessidis AG	Solvent Mediated Pre-Oxidative Chemiluminescence as a New Approach to Direct and Indirect Chemiluminescence Detection
P3-23	Yıldırım G, Tokalıoğlu Ş	Manganese and Zinc Determination by Flame Atomic Absorption Spectrometry after Coprecipitation in Cereals, Vegetables, Fruit and Infusions in Kayseri, Turkey
P3-24	Karadaş C, Kara D	On-Line Preconcentration and Determination of Trace Elements by Flow Injection/FAAS Using Newly Synthesized 8-Hydroxy-2-Quinoline Carboxaldehyde Functionalized Amberlite XAD-4
P3-25	Karadaş C, Kara D	Determination of Rare Earth Elements in Waters By Inductively Coupled Plasma Optical Emission Spectrometry after Preconcentration with Chemically Modified Amberlite XAD-4 Resin
P3-26	Kara D, Karadaş C	Preconcentration of Rare Earth Elements Using Amberlite XAD-4 Modified with 2,6-Pyridinedicarboxaldehyde and their Determination by Inductively Coupled Plasma Optical Emission Spectrometry
P3-27	Sivrikaya S, Imamoglu M, Yıldız SZ, Kara D	2-[N,N'-Bis (Salicylaldimine)] Aminoethylamine Functionalized Silica Gel as a Solid Sorbent for the Online Preconcentration of Cd(II), Cu(II) and Co(II) Ions Prior to Determination by FAAS
P3-28	Imamoglu M	Synthesis and Application of a Novel Functionalized Silica Gel for On-Line Solid Phase Extraction of Cu(II) for Determination in Waters by Flame Atomic Absorption Spectrometry
P3-29	Oymak T, Zikri Arslan Z	Co-Precipitation of Rare Earth Elements and Some Trace Heavy Metals in Seawater Using Triethylamine for Determination by ICP-MS
P3-30	Ibraheim MA, Mercan P, Ertaş G, Abdellallah MH, Ataman OY	Surface Studies in Slotted Quartz Tube Atom Trapping Flame Atomic Absorption Spectrometry for Antimony Determination
P3-31	Ibraheim MA, Yıldırım E, Bora S, Abdellallah MH, Ataman OY	A New Phenomenon of Cd Vapor Trapping Inside Burner Head Using Vapor Generation Flame Atomic Absorption Spectrometry
P3-32	Turan K, Saygılı R, Kalfa OM	Determination of Trace Amounts of Co(II) after Preconcentration with Surface-Imprinted Sorbent Based on Active Carbon by Using Atomic Absorption Spectrometry
P3-33	Güzel M, Turan K, Saygılı R, Kalfa OM	Synthesis of Surface-Imprinted Sorbent by Modifying Multiwalled Carbon Nanotubes for Preconcentration of Trace Amounts of Cu(II) with Atomic Absorption Determinations
P3-34	Michopoulos P, Kostakis MG, Grigoratos T, Thomaidis NS, Samara C, Pasiadis IN	Comparison of Total Analysis of Trace Elements in Soils Through X-Ray Fluorescence Spectrometry (XRF) and Digestion with Hydrofluoric Acid and Determination with ICP-MS
P3-35	Polat N, Özden Üzmez Ö, Ari A, Altuğ H, Yay OD, Döğeroğlu T, Gaga EO	Atmospheric Concentrations and Spatial Distribution of Gaseous Inorganic Air Pollutants in Kutahya, Turkey
P3-36	Zosima A, Ochsenkühn-Petropoulou M	Effect of Biomass Combustion on Particulate Matter, Carbonaceous Particles and PAH

		Concentration Levels
P3-37	Gümrükçüoğlu M, Boysan F, Çolak M	Determination of Heavy Metal Pollution from Vehicle Emission in Plants by Using Geographic Information Systems
P3-38	Smeti EM, Golfinopoulos SK	Multivariate Statistical Techniques for the Assessment of Surface Water Quality Intended for Human Consumption
P3-39	Samios S, Golfinopoulos SK	An Integrated Approach to Formation and Degradation of Haloacetamides –Nitrogenous Chlorination By-Products- in a Water Supply Network
P3-40	Cansev A	Low Temperature Stress Alters Phospholipids in Olive Plant
POSTER SESSION 4		
P4-01	Kunduracı Atakol M, Atakol A, Özler Yiğiter A, Nazır H, Özkaramete E, Atakol O	The Investigation of Energetic Materials Prepared from Diamines and Picryl Chloride by Liquid Chromatography and Thermal Analysis Methods
P4-02	Atakol A, Nazır H	Experimental and Theoretical Approach Towards the Explanation of Redox Potentials of a Ni-Zn Hetero-Nuclear Complex
P4-03	Özler Yiğiter A, Kunduracı Atakol M, Atakol A, Abdülkadir Akay M, Kübra İnal E, Atakol O	The Investigation of Nitrogen Rich Hetero-ringed Energetic Materials Having Picryl Group by Liquid Chromatography and Thermal Analysis Methods
P4-04	Kadir E, Kazım K, Dursun Ali Köse, İlknur Tosun S, Lokman U	The Adsorption of Victoria Blue R (VBR) Dye with Magnetic Microparticles Containing Fe(II)-Co(II) Double Salt
P4-05	Tosun Satır I, Özdemir N	Removal of Victoria Blue R Dyes from Aqueous Solutions onto Chitosan-Bone Modified Products
P4-06	Ay Ç, Özdemir Ü, Üzer Ş, Saygılı R, Erdoğan Y	Investigation of Reactive Black 5 (RB5) Adsorption Conditions onto Leonardite
P4-07	Erdogan T, Oguz Erdogan F	Improvement of Surface Characteristics for Disperse Yellow 211 Adsorption by Microwave Assisted H ₃ PO ₄ Activation: Kinetics and Equilibrium Study
P4-08	Oguz Erdogan F	Enhancement of Surface Characteristics of Activated Carbon from Cherry Stones by Alkaline Hydroxides
P4-09	Perušковиć D, Stevanović N, Lolić A, Mandić S, Baošić R	Chromatographic Behaviour of Tetradentate Schiff Bases and Corresponding Copper(II) and Nickel(II) Complexes by NP- and RP-TLC
P4-10	Yavuz E, Tokalıoğlu S, Aslantaş A, Şahan H, Patat Ş	Spectrophotometric Determination of Basic Fuchsin after Solid Phase Extraction Using Graphene as an Adsorbent
P4-11	İlktac R, Aksuner Erdem N, Henden E	Molecularly Imprinted Polymer Based Optic Sensor for Determination of 1-Naphthol
P4-12	Güdücü C, Kula E, İlktac R, Aksuner N, Henden E	Adsorption of Cu ²⁺ Ions Using Natural Absorbent

P4-13	Utku N, Akpınar Y, Volkan M, Bayramlı E	Preparation of SERS Substrate by Langmuir Technique
P4-14	Akpınar Y, Kaya M, Volkan M	Preparation and Characterization of CoFe ₂ O ₄ @SiO ₂ @Au Nanoparticles
P4-15	Saygılı R, Kalfa OM, Üstündağ Z, Erdoğan Y	Grafen Oxide Modified Expanded Perlite for Preconcentration of Copper(II) from Aqueous Solution
P4-16	Erim ÜC , Celik H, Şahin Z, Filinte C, Berk B	Determination of pKa Values and Protonation Behavior of Neostigmine Methyl Sulfate in Aqueous Buffer Solutions
P4-17	Aslan N, Esra Erden P, Doğan A, Canel E, Kılıç E	Protonation Constants of Some Alanyl Dipeptides in 1,4-Dioxane–Water and Dimethyl Sulfoxide–Water Mixtures
P4-18	Tuna Yildirim S, Yildirim MA	Synthesis, Characterization of a New Schiff Base Ligand 3-Ethoxysalicylidene-4-Chloro-o-Aminophenol and Investigation of their Metal Complexes
P4-19	Tuna Yildirim S, Findik K	Synthesis, Characterization of New Schiff Base Ligand Containing Aromatic Amines and Investigation of their Metal Complexes
P4-20	Sayın M, Can M, Imamoglu M, Arslan M	Investigation of Pd(II) Adsorption onto 1,3,5-Triazine-Pentaethylenehexamine Polymer
P4-21	Özer Ç, Boysan F, İmamoğlu M, Yıldız SZ	Removal of Cr(VI) by Polyamine-Polyurea Polymer
P4-22	Yalçın S, Apak R	Biosorption of Cr(III, VI) by Brown Marine Macro Alga <i>Cystoseria Crinita</i>
P4-23	Lydakı-Simantiris N, Goniotaki M, Raisi L	Ni Accumulation in <i>Chlamydomonas Reinhardtii</i> and <i>Thalassiosira Weissflogii</i> cells
P4-24	Lydakı-Simantiris N, Chalkiadaki O, Dassenakis M	Optimization of Biomarkers Quantification for the Assessment of Seawater Ni Pollution
P4-25	İşlek Y, Henden E	Development of Preconcentration Technique for Trace Aluminum Determination
P4-26	Özmal F, Erdoğan Y, Selçuk Erdoğan M, Karadağ M	Extraction of Lithium, Rubidium and Cesium from Boron Industrial Waste by Using Chlorination Agents
P4-27	Çağlar H, Mumcu T, Asiltürk M, Erdemoğlu S	Photocatalytic Degradation of Atrazine with Mn Doped Nano-TiO ₂
P4-28	Akgeyik E, Asiltürk M, Erdemoğlu S	Photocatalytic Degradation of Imazamox-Imidazolinon Pesticide Group- with S Doped Nano TiO ₂
P4-29	Yıldırım B, Alkan P, Yenigül B	Investigation of Performance for Molecularly Thiamethoxam Imprinted Polymers by Several Polymerization Methods
P4-30	Fega I, Liapatas G, Kousoulos C, Megoulas N, Koupparis M	Spectrophotometric Determination of Total Iron and Transferrin-Bound Iron in Human Serum
P4-31	Toker B, Er E, Erk N	Quantitative Analysis Methods of the Pharmaceutical Preparation Containing Olopatadine Hydrochloride
P4-32	Koletti AE, Gika H, Papageorgiou VP, Assimopoulou AN	Stability Tests of the Pharmaceutical Substance Shikonin under Various Storage Conditions by Liquid Chromatography

P4-33	Diyar AS, Hassan RO	Estimation of Lead and Cadmium Content in Cosmetic Products Consumed in Erbil City by Atomic Absorption
P4-34	Hassan RO	Extraction-Spectrophotometric Method for Determination of Nicotinamide in Pharmaceutical Products Using Phase Transfer Catalyst
P4-35	Jabbar HS	Spectrophotometric Determination of Ethylene Glycol in Antifreeze Samples Via Charge Transfer Complexation
P4-36	Yilmaz N, Fitoz A, Atakol O, Emregül KC	The Inhibition Effect of 3-Amino-Benzonitrile, 4-Amino-Benzonitrile and 4-Amino-Phthalonitrile on the Acidic Corrosion of Mild Steel; Part I
P4-37	Yilmaz N, Fitoz A, Atakol O, Emregül KC	The Inhibitory Effect of Schiff Base Compounds Derived from Benzonitrile on the Acidic Corrosion of Mild Steel; Part II
P4-38	Sklavounos A, Varanaki G, Fiste A, Calokerinos AC	Flow injection determination of bisphenol A by potassium permanganate chemiluminescence
P4-39	Apak R, Christodouleas D, Calokerinos AC, Fotakis C, Papadopoulos K	Analytical Applications of the CUPRAC method for the determination of antioxidants in non-aqueous solutions
P4-40		