

Tuesday, September 25 <sup>th</sup>	
17:00 – 20:00	<b>Registration</b> Mediterranean Agronomic Institute of Chania (MAICH) Conference Center
20:00	<b>Welcome Cocktail</b> Mediterranean Agronomic Institute of Chania (MAICH)

Wednesday, September 26 <sup>th</sup>	
08:30	<b>Registration – Poster Session 1 set up</b> The registration desk will be open everyday during Conference hours
<b>Welcome Ceremony</b> <b>Chairs: A. C. Calokerinos, N. Thomaidis, N. Lydakis-Simantiris</b>	
09:00 – 09:15	<b>Welcome Greetings by the Authorities</b>
09:15 – 09:30	<b>Opening Remarks – AACD2018</b> Introduction to Mediterranean Agronomic Institute of Chania (MAICH)
<b>Oral Session 1</b> <b>Chairs: A. C. Calokerinos, Umran Seven Erdemir</b>	
09:30 – 10:00	<b>[IL01] O. Y. Ataman</b> , <i>Middle East Technical University, Turkey</i> From the Diary of an Analytical Chemist
10:05 – 10:35	<b>[IL02] Zoe Pikramenou</b> , <i>University of Birmingham, UK</i> Luminescent Metal Complexes: From Molecular to Nanoparticle Probes for Detection and Imaging
10:40 – 11:00	<b>[OP01] Panagiota Petrou</b> , <i>NCSR “Demokritos”, Greece</i> Multi-analyte Determinations with White Light Reflectance Spectroscopy Using Patterned Chips with Silicon Oxide Areas of Different Thickness
11:05 – 11:30	<b>Coffee &amp; Refreshments Break – Poster Session 1 - Exhibition</b>
<b>Oral Session 2</b> <b>Chairs: Sefik Suzer, George Moros</b>	
11:30 – 12:00	<b>[IL3] Erwin Rosenberg</b> , <i>Vienna University of Technology, Austria</i> Qualitative and Quantitative Analysis of Lithium Ion Battery Electrolytes by Different Chromatographic Methods
12:05 – 12:25	<b>[OP2] Evangelos Gikas</b> , <i>National and Kapodistrian University of Athens, Greece</i> Cancer and Degenerative Disease Metabolomics: Concerns and Thoughts Based on LC-MS Based Studies
12:30 – 12:50	<b>[OP3] Elif Tümay Özer</b> , <i>Uludag University, Turkey</i> Development of a New Solid Phase Extraction Method for the Determination of Some Carbamates in Water Using Poly(EGDMA-MATrp) Microbeads

12:55 – 13:15	<b>[OP4] Tuğçe Unutkan</b> , <i>Yıldız Technical University, Turkey</i> Accurate and Sensitive Analytical Strategy for the Determination of Trace Antimony: Hydrogen Assisted T-shaped Slotted Quartz Tube - Atom Trap – Flame Atomic Absorption Spectrometry
13:30 – 15:00	<b>Lunch – Poster Session 1- Exhibition</b>
<b>Oral Session 3</b> <b>Chairs: Sezgin Bakirdere, Christos Kokkinos</b>	
15:00 – 15:30	<b>[IL04] Sefik Suzer</b> , <i>Bilkent University, Turkey</i> X-Ray Photoelectron Spectroscopy, a Chemical Tool for Electrochemical Analyses of Potential Developments at Liquid/Solid Interfaces: Past, Present and Future
15:35 – 15:55	<b>[OP05] Christos Kokkinos</b> , <i>National and Kapodistrian University of Athens, Greece</i> Flexible Quantum Dot – Based Electrochemical Biosensors
15:55 – 16:10	<b>[OP06] Emmanuel Topoglidis</b> , <i>University of Patras, Greece</i> Hemoglobin or MP-11 Modified SnO <sub>2</sub> Thin Film Electrodes for the Detection of Antimalarial Drug Artemisin
16:15 – 16:35	<b>[OP07] George Moros</b> , <i>University of Thessaly, Greece</i> Metabolomics in Intrauterine Growth Restriction
16:35 – 17:05	<b>Coffee &amp; Refreshment Break - Poster Session 1- Exhibition</b>
<b>Oral Session 4</b> <b>Chairs: E. Rosenberg, E. Gikas</b>	
17:05 – 17:25	<b>[OP08] A. Philippidis</b> , <i>Foundation for Research and Technology, Greece</i> Application of Optical Spectroscopic Techniques for Food Identification and Quality Control
17:30 – 17:50	<b>[OP09] Elif Öztürk Er</b> , <i>Yıldız Technical University, Turkey</i> Determination of Selected PDE-5 Inhibitors in Human Urine by LC-QTOF-MS/MS after Citric Acid Coated Magnetic Nanoparticle Assisted Phase Microextraction
17:55 – 18:15	<b>[OP10] Dotse Selali Chormey</b> , <i>Yıldız Technical University, Turkey</i> Simultaneous Determination of Endocrine Disruptive Phenolic Compounds and Organochlorine Pesticides in Wastewater and Sludge Samples by GC-MS after Multivariate Optimization of Binary Solvent Microextraction
18:20 – 18:40	<b>[OP11] Süleyman Bodur</b> , <i>Yıldız Technical University, Turkey</i> Development of an Accurate and Sensitive Binary Solvent-Liquid Phase Microextraction for the Determination of Nitrofen, Bifenox, Alachlor in Dam Lake Water, River Water Samples by Gas Chromatography-Mass Spectrometry
19:00	<b>End of Sessions, Dinner</b>

Thursday September 27 <sup>th</sup>	
08:30	<b>Registration</b>
<b>Oral Session 5</b> <b>Chairs: O. Y. Ataman, N. Thomaidis</b>	
09:00 – 9:30	<b>[IL05] Sezgin Bakirdere</b> , <i>Yıldız Technical University, Turkey</i> Analytical Strategies to Obtain Lower Detection Limits
09:35 – 09:55	<b>[OP12] Fotios Tsopelas</b> , <i>National Technical University of Athens, Greece</i> The Use of Biomimetic Chromatography in Early Drug Discovery
10:00 – 10:20	<b>[OP13] Sevasti Zervou</b> , <i>NCSR “Demokritos”, Greece</i> Analysis of Cyanotoxins in Cyanobacterial Biomass Using LC-MS/MS
10:25 – 10:45	<b>[OP14] Elif Yazıcı</b> , <i>Yıldız Technical University, Turkey</i> Development of a Sensitive and Accurate Switchable Liquid-Liquid Microextraction Method for Cobalt Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry
10:50 – 11:10	<b>[OP15] Merve Fırat</b> , <i>Yıldız Technical University, Turkey</i> Determination of Palladium in Aqueous Samples by Slotted Quartz Tube – Flame Atomic Absorption Spectrophotometry after Preconcentration with Switchable Liquid-Liquid Micro Extraction
11:10 – 11:40	<b>Coffee &amp; Refreshment Break – Poster Session 2- Exhibition</b>
<b>Oral Session 6</b> <b>Chairs: Nikos Lydakakis- Simantiris, Sema Demirci Çekiç</b>	
11:40 – 12:10	<b>[IL06] Dimosthenis Giokas</b> , <i>University of Ioannina, Greece</i> Equipment-Free Assays for Biothiols Testing at the Point-of-Need and Resource – Limited Settings
12:15 – 12:35	<b>[OP16] Nikolaos Thomaidis</b> , <i>National and Kapodistrian University of Athens, Greece</i> Autosuspect: An R Package to Perform Automatic Screening Based on Regulatory Databases
12:40 – 13:00	<b>[OP17] Petr Šimek</b> , <i>Czech Academy of Sciences, Czech Republic</i> Mapping the Metabolites: a Novel Insight into the Biodiversity of Metabolism
13:05 – 13:25	<b>[OP18] Çiğdem Kanbeş Dindar</b> , <i>Gazi University, Turkey</i> Comparison of Derivative Spectrophotometric and Validated Stability-Indicating RF-HPLC Methods for Simultaneous Determination of Ephedrine HCl, Naphazoline HCl, Antazoline HCl in Pharmaceutical Pomade
13:30 – 15:00	<b>Lunch – Poster Session 2- Exhibition</b>
<b>Oral Session 7</b> <b>Chairs: Elif Tumay Ozer, Panagiota Petrou</b>	

15:00 – 15:20	<b>[IL07] Spiros A. Pergantis</b> , <i>University of Crete, Greece</i> New Roles and Requirements for Pneumatic Nebulizers in order to Achieve Advances in Atomic and Molecular Mass Spectrometry
15:25 – 15:45	<b>[OP19] Uwe Noetzel</b> , <i>Agilent Technologies, Germany</i> Using ICP-QQQ to Solve Difficult Elemental Analytical Problems
15:50 – 16:10	<b>[OP20] Nikolaos P. Xekoukoulotakis</b> , <i>Technical University of Crete, Greece</i> TiO <sub>2</sub> Photocatalysis under Solar Radiation for the Degradation of Imipenem and Meropenem in the Aqueous Phase at Pilot Plant Scale
16:10 – 17:00	<b>Coffee &amp; Refreshment Break</b>
17:00	<b>Poster session 1 removal</b>
17:30	<b>Visit to Botanical Park with Dinner</b> ( <a href="http://www.botanical-park.com">http://www.botanical-park.com</a> )

<b>Friday, September 28<sup>th</sup></b>	
08:30	<b>Registration – Poster Session 2 set up</b>
<b>Oral Session 8</b> <b>Chairs: Mustafa Bener, Fotios Tsopelas</b>	
09:00 – 9:30	<b>[IL08] Resat Apak</b> , <i>University of Istanbul, Turkey</i> Principles of Design and Operation of Nanoprobes for Antioxidant Sensing
09:35 – 10:05	<b>[OP21] Christina Virgiliou</b> , <i>Aristotle University of Thessaloniki, Greece</i> Foodomics Approach to Assess Food Authenticity. Two Paradigms on Grapes and Royal Jelly Samples
10:10 – 10:30	<b>[OP22] Guler Celik</b> , <i>the Scientific and Technological Research Council of Turkey, Turkey</i> Effect of Production System on the Cholesterol and Fatty Acid Composition of Eggs
10:35 – 10:55	<b>[OP23] Dilek Dulger Altiner</b> , <i>Kocaeli University, Turkey</i> The Effect of Using Carob Flour in Noodle Production on Antioxidant Capacity, Total Phenolic Contents and their Bioaccessibility
11:00 – 11:30	<b>Coffee &amp; Refreshment Break – Poster Session 2- Exhibition</b>
<b>Oral Session 9</b> <b>Chairs: Resat Apak, Spyros Pergantis</b>	
11:30 – 12:00	<b>[IL09] Mustafa Bener</b> , <i>University of Istanbul, Turkey</i> Optical Sensors for Measurement of Total Antioxidant Capacity
12:05 – 12:25	<b>[OP24] Umran Seven Erdemir</b> , <i>Uludag University, Turkey</i> Fractionation and Bioaccessibility of Manganese, Copper, Zinc, Cadmium and Lead in Rice Based Baby Foods
12:30 – 12:50	<b>[OP25] Pavlos Nikolaou</b> , <i>University of Patras, Greece</i> Detection of Adulteration of Fresh Milk with Reconstituted Powder by Voltammetric Fingerprinting on a Novel Electrode and Chemometrics

12:55 – 13:15	<b>[OP26] Sema Demirci Çekiç</b> , <i>Istanbul University-Cerrahpaşa, Turkey</i> Use of DNA and Protein Probes to Determine Oxidative Damage and Related Antioxidant Activity
13:30 – 15:00	<b>Lunch – Poster Session 2- Exhibition</b>
<b>Oral Session 10</b> <b>Chairs: J. Kalivas, C. Kokkinos</b>	
15:00 – 15:30	<b>[IL10] Seref Gucer</b> , <i>Uludag University, Turkey</i> Application of HPLC-ICP-MS for Copper and Manganese Speciation in Baby Food Extracts
15:35– 15:55	<b>[OP27] Natasa P. Kalogiouri</b> , <i>National and Kapodistrian University of Athens, Greece</i> Application of High Resolution Spectrometry Coupled with Advanced Chemometrics for the Authentication of Greek Olive Oils and Table Olives
16:00 – 16:20	<b>[OP28] G. Koulis</b> , <i>National and Kapodistrian University of Athens, Greece</i> Botanical and Geographical Origin Discrimination of Greek Honeys by Untargeted Metabolomics using LC-ESI-QTOF-MS
16:30 – 17:00	<b>Coffee &amp; Refreshment Break – Poster Session 2- Exhibition</b>
<b>Oral Session 11</b> <b>Chairs: G. Koulis, Merve Firat</b>	
17:00 – 17:30	<b>[IL11] John Kalivas</b> , <i>Idaho State University, USA</i> Fusion of Non-Optimized Classifiers: Application to Food Authentication and Adulteration
17:35 – 17:55	<b>[OP29] Anthoula Chatzimpaloglou</b> , <i>Aristotle University of Thessaloniki, Greece</i> Using LC-MS/MS to Identify Transformation Products of Cytostatic Drug Irinotecan during Oxidative Degradation
18:00 – 18:20	<b>[OP30] M.F. Touloupi</b> , <i>National and Kapodistrian University of Athens, Greece</i> Identification and Quantification of a Polar Pharmaceutical Compound and its Oxidative Transformation Products by Chromatographic Methods
21:00	<b>Gala Dinner</b>

<b>Saturday, September 29<sup>th</sup></b>	
08:30	<b>Registration</b>
<b>Saturday Oral Session 12</b> <b>Chairs: Nikolaos P. Xekoukoulotakis, Bilgen Osman</b>	
09:00 – 09:30	<b>[OP31] N. S. Thomaidis</b> , <i>National and Kapodistrian University of Athens, Greece</i> Target, Suspect and Non-Target HRMS Screening for Food Authenticity and Quality: From Research to Industrial Applications

09:35– 10:05	<b>[OP32] Nikiforos Alygizakis</b> , <i>National and Kapodistrian University of Athens, Greece</i> A Novel Methodology for Chemical Characterisation of European Wastewater Effluents by LC-HRMS
10:10 – 10:30	<b>[OP33] Elif Seda Koçoğlu</b> , <i>Yildiz Technical University, Turkey</i> Accurate and Sensitive Simultaneous Determination of Drug Active Compound, Pesticides, Hormones and Endocrine Disruptor Compounds in Wastewater Samples Using GS-MS Dispersive Liquid – Liquid Microextraction
10:35 – 10:55	<b>[OP34] Polykarpos Beikos</b> , <i>National and Kapodistrian University of Athens, Greece</i> Minimizing Analytical Procedural Mass Spectral Features as False Positive Peaks in Untargeted Liquid Chromatography – High Resolution Mass Spectrometry Data Processing
11:00 – 11:30	<b>Coffee &amp; Refreshment Break – Poster Session 2- Exhibition</b>
<p style="text-align: center;"><b>Saturday Oral Session 13</b> <b>Chairs: Sevasti Zervou, Elif Seda Koçoğlu</b></p>	
11:30 – 12:00	<b>[OP35] ] Bilgen Osman</b> , <i>Uludag University, Turkey</i> Molecular Imprinted Composite Cryogel for Extracorporeal Removal of Uric Acid from Plasma
12:05 – 12:25	<b>[OP36] D. E. Damalas DE</b> , <i>National and Kapodistrian University of Athens, Greece</i> Combining Acute Toxicity, Toxicokinetics and Targeted Metabolomics Approaches to Assess the Effects of Triclosan in Zebrafish Embryos
12:30 – 12:50	<b>[OP37] Sezin Erarpat</b> , <i>Uludag University, Turkey</i> Switchable Solvent Liquid-Phase Microextraction – Gas Chromatography – Quadrupole Isotope Dilution Mass Spectrometry for the Determination of 4- <i>N</i> -Nonylphenol in Municipal Waste Water
12:55 – 13:15	<b>[OP38] Varvara I. Nikolopoulou</b> , <i>National and Kapodistrian University of Athens, Greece</i> Determination of Emerging Pollutants in Sewage Sludge Samples from Three Nigerian WWTPs with LC-QTOF-MS
13:20 – 13:40	<b>[OP39] Anastasia S. Kritikou</b> , <i>National and Kapodistrian University of Athens, Greece</i> Development of a Multi-Residue Methodology for the Determination of Thyreostats in Bovine Muscle Tissue by Hydrophilic Interaction Liquid Chromatography – Tandem Mass Spectrometry (HILIC-MS/MS)
13:40 – 15:30	<b>Lunch – Poster Session 2- Exhibition</b>
<p style="text-align: center;"><b>Closing Ceremony</b> <b>Chairs: A. C. Calokerinos, N. S. Thomaidis, N. Lydakis-Simantiris</b></p>	
15:30 – 16:00	<b>Closing Ceremony - Young Research Scientist Poster Awards</b>
16:00	<b>Poster session 2 removal</b>

## POSTER SESSION 1

P1-01	Ozan F, Kanmaz N, Koçal OH, Hızal J	Estimation of Water Quality at Safran River by Using Multiple Regression Analysis Model
P1-02	Ur Rahman Z, Caleb J, Al-Nidawi M, Alshana U	Solidification of Floating Organic Drop Microextraction of Piperine from Black and White Pepper Prior to its Determination by HPLC
P1-03	Bakhoun JP, Diaw PA, Mbaye M, Mbaye OMA, Cisse L, Gaye-Seye MD, Coly A, Le Jeune B, Giamarchi P	Development of a New Automatic Online Detector for Pesticides in Natural Waters by Photo-Induced Fluorescence
P1-04	Uslu B, Ozturk K, Bakirhan NK, Ozkan SA	Electrochemical Analysis of Desloratadine by a New Design Carbon Based Electrode
P1-05	Djapic N	<i>Opuntia Ficus-Indica</i> Fruit Peel Chemical Profile Obtained by Different Extraction Procedures
P1-06	Destanoğlu O, Zeydanlı D, Cansever MŞ, Yılmaz GG	Determination of Orotic Acid in Orotic Aciduria Patient's Urine Samples with Ion Chromatograph / Conductivity Detector
P1-07	Yılmaz GG, Cifuentes A, Herrero M, Ibáñez E	Comparison of Different Extraction Techniques for the Isolation of Total Polyphenols and Phlorotannins from the Brown Algae <i>Lobophora Variegata</i>
P1-08	Cansev A, İpek M, Çelik G, Taşkesen S, Şahan Y	Comparison of Mineral Contents and their Bioaccessibilities of Cornelian Cherry ( <i>Cornus Mass L.</i> ) Genotypes
P1-09	Agin F, Dogan IS, Kul D	Electroanalytical Study of a Novel Benzimidazole Derivative Compound, 2-2-(Methylbenzyl)-4(7)-Phenyl-1- <i>H</i> -Benzo[D]Imidazole
P1-10	It will be presented as P2-40 due to travel arrangements	
P1-11	It will be presented as P2-41 due to travel arrangements	
P1-12	Tsiaka Th, Hatziriga M-M, Kapiri Ev, Zoumpoulakis P, Sinanoglou VJ	Optimization of Carotenoids Extraction from Industrial Apricot By-Products Using Ultrasound Assisted Techniques and Experimental Design
P1-13	Kostakis M, Panara A, Gkotsis G, Aalizadeh R, Thomaidis NS	Metabolic Fingerprint of <i>Sideritis Scardica</i> by a Novel LC-QTOF-MS Workflow
P1-14	Kostara A, Tsogas GZ, Choleva TG, Tziasou Ch, Votani A, Vlessidis AG, Giokas DL	Time-Based Assay of Sulfur-Containing Compounds by Modulating the Photochemical Formation of Gold Nanoparticles
P1-15	Choleva TG, Giokas DL	Extraction and Preconcentration of Gold Nanoparticles from Environmental Water Samples with Layered Double Hydroxides
P1-16	Gouma V, Akrivi EA, Kourkoumelis N, Vlessidis AG, Giokas DL	Turbidimetric Analysis of Biothiols Using Digital Image Photometry with Broadly Available Consumer Electronic Devices

P1-17	Choleva TG, Kostara A, Tarara M, Tziasou Ch, Tzoka S, Tsogas GZ, Vlessidis AG, Giokas DL	Filter Paper Modified with a Synthetic Wax-Like Coating as a Green Solid Phase Extraction Sorbent for the Determination of Non-Polar Organic Compounds with Liquid Chromatography
P1-18	Terzioğlu D, Fırat M, Chormey DS, Bakırdere S	Determination of Trace Amounts of Gold in Gold Recovery Bath Using Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry
P1-19	Özdoğan N, Kapukıran F, Chormey DS, Bakırdere S	Simultaneous Determination of Procymidone, Chlorflurenol and Iprodione in Wastewater and Lake Water by GC-MS After Experimental Design of Binary Dispersive Liquid-Liquid Microextraction
P1-20	Bozyiğit GD, Fırat M, Chormey DS, Engin GO, Bakırdere S	Development of Simultaneous Determination Method for Selected Pharmaceuticals and Pesticides in Wastewater by GC-MS to Build Up the Treatment Strategies
P1-21	Özzeybek G, Alacakoç B, Kocabaş MY, Bakırdere EG, Chormey DS, Bakırdere S	A Novel Extraction Method for Trace Determination of Nickel in Water Samples by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry after Dispersive Assisted Simultaneous Complexation and Extraction Strategy
P1-22	Fındıkoğlu MS, Fırat M, Chormey DS, Turak F, Şahin Ç, Bakırdere S	Determination of Cadmium in Tap, Sea and Waste Water Samples by Vortex Assisted Dispersive Liquid-Liquid Solidified Floating Organic Drop Microextraction and Slotted Quartz Tube Faas After Complexation with an Imidazole Based Ligand
P1-23	Fırat M, Chormey DS, Bakırdere S, Turak F	Multivariate Optimization of Switchable Solvent Liquid Phase Microextraction for the Determination of Etrifos in Lake and Well Water by GC-MS
P1-24	Yılmaz Ö, Kocoglu ES, Bakırdere S	Development of a Sensitive and Accurate Dispersive Liquid – Liquid Microextraction Method for the Determination of Hydroxymethylfurfural in Honey Samples by HPLC after the Optimization by Box-Behnken Design
P1-25	Bodur S, Erarpat S, Chormey DS, Büyükpınar Ç, Bakırdere S	Determination of Bismuth in Bottled Water and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrometry
P1-26	Borahan T, Unutkan T, Şahin A, Bakırdere S	A Rapid and Sensitive RP-HPLC Method for Simultaneous Determination of Ibuprofen and Paracetamol in Drug Samples and their Behaviour in Simulated Gastric Conditions
P1-27	Osman B, Karalı R, Tümay Özer E	Tetracycline Removal from Aqueous Solution via Polymeric Microbeads
P1-28	Ertaş N, Üvez D	Determination of Some Beta Blockers by Field Amplified Sample Injection Capillary Electrophoresis after Ultrasonic Extraction
P1-29	Oruç Y, Belgin İzgi B, Uludağ İçecek R&D Department	Phthalate Esters Migration Studies in Model Solutions



P1-30	Yarali E, Kanat E, Erdem A	Single-Use Nucleic Acid Biosensor Based on Ionic Liquid Modified Graphite Electrodes
P1-31	Kallithrakas-Kontos N, Fragkos A	EDXRF Analysis of High Absorbance Samples by Liquid Analysis
P1-32	Ntavali SM, Pantelaki I, Kozari A, Voutsas D	Formation of Brominated Disinfection Byproducts Due to Saltwater Intrusion and Wastewater Pollution
P1-33	AlSuhaimi AO, AlHarbi HL	Chemical Functionalisation of Amberlite with 8-Hydroxyquinoline Using Aryldiazonium Salts/Diazotization Route
P1-34	Güven MN, Talha Yüce M, Akpınar Y, Volkan M	Synthesis of Core/Shell Nanoparticles
P1-35	Chormey DS, Akkaya E, Erulas FA, Bakirdere S	Multivariate Optimization of Sonication Assisted Binary Solid Phase Microextraction Based on Oleic and Stearic Acid Coated Magnetite Nanoparticles for the Determination of Endocrine Disruptive Compounds in Aqueous Medium by GC-MS
P1-36	Tasman P, Nur Güven M, Avcı B, Ay Ç, Volkan M	Spectroscopic Determination of Boronic Acid on the Surface of Nanoparticles
P1-37	Tasman P, Akpınar Y, Volkan M	Synthesis and Characterization of Carbon Quantum Dots and their Applications
P1-38	Krystalli E, Komaitis E, Katsa M, Tzamtzis V	Determination of the Four Eu Marker Polycyclic Aromatic Hydrocarbons (PAHs) in Cocoa, Milk-Based Infant Formula and Cereal-Based Baby Foods
P1-39	Angelopoulou M, Livaniou E, Petrou P, Ghikas D, Beletsiotis E, Kalatzi K, Kakabakos S	Development of a Polyclonal Antibody Against <i>Alicyclobacillus Acidoterrestris</i> and Evaluation Through Enzyme-Linked Immunosorbent Assay
P1-40	It will be presented as P2-45 due to travel arrangements	
P1-41	Mavroudakakis L, Nazos Th, Valsami E-A, Sakellaraki E-V, Lydakis-Simantiris N, Ghanotakis DF, Pergantis SA	Desorption Sonic-Spray Ionization Mass Spectrometry (DESSI-MS) for the Rapid Analysis of Membrane Lipids from Intact Microorganism Cells
P1-42	Vougioukas G, Pergantis SA	Solid Sample Desorption SSI-MS of Proteins
P1-43	Kallithrakas-KontosA N, Foteinis S	Cation Selective Membranes for Mercury Preconcentration from Aqueous Bodies
P1-44	Mitsika E, Christophoridis Ch, Fytianos K	Transformation Products of Psychoactive Drugs Alprazolam and Diazepam Produced During their Photocatalytic Degradation by PhotoFenton
<b>POSTER SESSION 2</b>		
P2-01	Lambrou P, Fokou A, Pasias IN, Raptopoulou KG, Proestos Ch	Total Polyphenol Content in Kalamon Table Olives in Brine as an Indicator for Product Quality and Shelf Life
P2-02	Raikou V, Panderi I, Kavvalou E, Tsirivas E, Varvaresou A	A Hydrophilic Interaction Liquid Chromatography Method for the Quantitation of Acetyl Hexapeptide-8 in Cosmeceuticals

P2-03	Öztürk BD, Kamer GM, Bayraktar R, Özyurt D, Apak R	Hydroxyl Radical Production with Nanoceria-Catalyzed Fenton-like Reaction and Measurement of Radical Scavenging Activity of Vegetable Extracts by the CUPRAC Assay
P2-04	Kanmaz N, Saloğlu D, Arda A, Hızal J, Apak R	Uranyl Removal from Aqueous Solutions by Using Humic Acid Embedded Chitosan/PVA Composite
P2-05	Pasvanka K, Tzachristas A, Kostakis M, Thomaidis N, Proestos Ch	Geographical Origin Identification of Greek Wines by ICP-MS Elemental Analysis
P2-06	Tagkouli D, Ntouranidi S, Drouka A, Lantzouraki DZ, Sinanoglou VJ, Zoumpoulakis P, Koutrotsios G, Zervakis GI, Kalogeropoulos N	Lipid and Metabolic Profiles of Oyster ( <i>Pleurotus</i> ) Mushrooms Cultivated on Grape Marc or Olive Mill Wastes
P2-07	Dasenaki M, Tzachristas A, Koulis G, Proestos Ch, Thomaidis N	Targeted and Untargeted Mass Spectrometry-Based Metabolomics Approach for the Characterization of Greek Organic Wines
P2-08	Panara A, Kostakis M, Gkotsis G, Aalizadeh R, Thomaidis N	Characterization of Chemical Profile of <i>Pelargonium Sidoides</i> Rhizome Using LC-Q-TOF/MS
P2-09	Rizou Ch, Sakellari A, Karavoltsos S, Tagkouli D, Sinanoglou VJ, Zoumpoulakis P, Koutrotsios G, Zervakis GI, Kalogeropoulos N	Trace Elements in Oyster ( <i>Pleurotus</i> ) Mushrooms Cultivated on Grape Marc or Olive Mill Wastes
P2-10	Kokolakis SE, Damalas DE, Baessmann C, Thomaidis NS	GC-APCI-QTOF as an Alternative to GC-MS/MS for the Wide-Scope Screening of Pesticides in Orange
P2-11	Can Gercek Y, Ozyurt D, Morgil H, Gemicioğlu A, Erol O, Cevahir Öz G, Demirata B	Phytochemical Analysis of <i>Turkish Prunus</i> L., Subgenus <i>Cerasus</i> (Mill.) Focke Taxa
P2-12	Giannakourou M, Tsironi Th, Tsagri A-M, Thanou I, Katsavou E, Sinanoglou VJ	Shelf Life Extension of Sea Bass Fillets by Osmotic Pretreatment and Impregnation with Antioxidants from Aromatic Plants Wastes
P2-13	Giannakourou M, Mantanika V, Poulis S, Kriebardis AG, Strati IF, Zoumpoulakis P, Sinanoglou VJ	Shelf Life Extension and Quality Improvement of Cucumber Slices Impregnated in Infusions of Edible Herbs
P2-14	Lantzouraki DZ, Zoumpoulakis P, Cavouras D, Goliomytis M, Deligeorgis SG, Calokerinos AC, Sinanoglou VJ	Colour, Lipid Classes, Fatty Acids, Total Carotenoids and NMR Lipidomics of Egg Yolks as Affected in Time by Hen's Rations Enriched with Natural Antioxidants
P2-15	Ourailoglou D, Zoumpoulakis P, Strati IF, Papadakis S, Sinanoglou VJ	Cold Aqueous Percolation of Aromatic Herbs for the Preparation of Instant Beverages
P2-16	Andreou V, Siapi E, Sotiroidis GT, Strati IF, Fotakis Ch, Liouni M, Zoumpoulakis P, Sinanoglou VJ	Herbal Distillates: Enrichment of Polyphenolic Content of a Greek Grape Mark Distillate (Tsikoudia) with Selected Herbs
P2-17	Falaina V, Boutsikou Th, Andreou V, Fotakis Ch, Karoutis A, Iacovidou N, Zoumpoulakis P	Urine Metabolomic Profile of Breastfed Neonates and of Neonates on Formula Enriched with Synbiotics
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P2-19	Polyhronaki G, Tsiaka Th, Lantzouraki DZ, Sotiroudis GT, Kalogianni DP, Sinanoglou VJ, Zoumpoulakis P	Implementation of High Energy Techniques for the Optimized Recovery of Phenolic Compounds from Industrial Peach By-Products
P2-20	Dimitropoulou Eir, Amerikanou Ch, Fotakis Ch, Papada E, Moros G, Forbes A, Kaliora AC, Zoumpoulakis P	Feecal Metabolomics in Inflammatory Bowel Disease After Supplementation with Chios Mastiha.
P2-21	Marneli E, Antoniou J, Rakitzis A	Mixing Quality of Cereal Based Baby Food Using the Technique of Inductively Coupled Plasma Mass Spectrometry (ICP-MS): Experimental Design and Statistical Analysis
P2-22	Maragou N, Balayiannis G	Quantitative Determination of Ethephon in Formulated Plant Protection Products by Ion Exchange Chromatography with Indirect Spectrophotometric Detection
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P2-24	Kritikou E, Kalogiouri N, Pentogennis M, Thomaidis N	Phenolic Profiling of Extra Virgin Olive Oils with Target Suspect LC-QTOF-MS/MS
P2-25	Nika MC, Damalas D, Koulis G, Alygizakis N, Nikolopoulou V, Drakopoulou S, Psoma A, Kostakis M, Aalizadeh R, Oswald P, Slobodnik J, Thomaidis NS	Extended Monitoring of Legacy Pollutants and Emerging Contaminants in the Marine Environment of Black Sea
P2-26	Notardonato I, Ianiri G, Protano C, Manigrasso M, Vitali M, Avino P	Development of DLLME Methodology for Determining Phthalates and Bisphenol-A in Commercial Water Bottles
P2-27	Kanakis D, Martakos I, Kostakis M, Kalogiouri NP, Pentogennis M, Thomaidis NS	Development of Method for Determination of 1,2 Diacylglycerols in Extra Virgin Olive Oil with GC-MS/MS
P2-28	Katsianou P, Koulis G, Panagopoulou E, Stergiou F, Fiore A, Karabournioti S, Proestos C, Thomaidis NS	Honey Authenticity: Evaluation of Phenolic Compounds as Potential Authenticity Markers Using Target LC-HRMS Screening
P2-29	Photiades A, Grigorakis S, Makris DP	Kinetics and Modeling of L-Cysteine Effect on the Cu(II)-Induced Oxidation of Quercetin
P2-30	Orfanakis M, Fragkoulis N, Kontzedaki R, Stavrakakis G, Simianaki K, Tilaki G, Poulakis M, Philippidis A, Velegrakis M	Optical Spectroscopy Techniques in the Classification and Quality Control of Agrofoods
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P2-32	Grigorakis S, Makris DP	Kinetics of Polyphenol Extraction from <i>Origanum Dictamnus</i> Using an Eco-Friendly Glycerol-Based Deep Eutectic Solvent
P2-33	Alygizou A, Gotsiou P, Loupassaki S, Grigorakis S, Calokerinos AC	Quantification of Hydrogen Peroxide in Cretan Honey and its Relation with Physicochemical Characteristics
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P2-35	Ben Jeddou Kh, Benchenouf A, Grigorakis S, Lydakakis-Simantiris N	Essential Oil Profile and Antioxidant Activity of <i>Pelargonium Graveolens</i> Cultivated in Crete, Greece.
P2-36	Ben Jeddou Kh, Benchenouf A, Jancheva M, Grigorakis S, Lydakakis-Simantiris N	Assessment of the Seasonal Variation of the Essential Oil Content and Composition of <i>Pelargonium Graveolens</i> Cultivated in Crete, Greece
P2-37	Ben Jeddou K, Benchenouf A, Vogiatzi C, Stamatakis A, Jancheva M, Grigorakis S, Lydakakis-Simantiris N	Assessment of Heavy Metals Transportation and Accumulation in <i>Satureja Cretica</i> and <i>Lathyrus Ochrus</i>
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P2-44	Orfanakis M, Fragkoulis N, Kontzedaki R, Stavarakakis G, Simianaki K, Philippidis A, Velegrakis M	Analysis of Greek Extra Virgin Olive Oil by Spectroscopic Methods. Quality Control, Classification and Adulteration Studies
P2-45	Iakovakis A, Kontou E, Kioumis I	Method Development for the Determination of Colistin in Human Plasma by HPLC-FLD for Pharmacokinetics Studies
P2-46	Lazarou C, Kalogiouri NP, Pentogennis M, Kostakis M, Kyriakopoulos A, Proestos Ch, Thomaidis NS	Evaluation of the Stability of Extra Virgin Olive Oils under Different Storage Conditions