

Preliminary
EuSP2024|GSAC2024
Programme

Chania, July 2024



Sunday, 15 September

13:00 - 18:00

Registration

14:00 - 17:00

Mikis Theodorakis Hall

Short Course: Greenness evaluation of sample preparation methods by AGREEprep
(IUPAC project 2021-015-2-500)

Instructors: F. Pena-Pereira, J.L. Benedé

18:00 - 19:10

Mikis Theodorakis Hall

Opening Session

18:00 - 18:30 **Opening Ceremony**

18:30 - 19:10 **PL-01 Microplastics in the Environment: Analytical Chemistry Methods, Sorption Material, Risks and Sustainable Solutions**
D. Barceló

19:10

Mikis Theodorakis Exhibition Area

Welcome Reception

Monday, 16 September

9:00 - 9:40

Mikis Theodorakis Hall

Plenary Lecture

09:00 - 09:40 **PL-02 Deep Eutectic Solvents: A Green Approach to the Analysis of Organic Pollutants in Complex Foodstuffs**
L. Ramos

9:45 - 10:50

Mikis Theodorakis Hall

Oral Session 1

09:45 - 10:05 **KN-1 Leveraging Plastic's Potential in Sample Preparation**
J.M. Herrero-Martínez, M.J. Lerma-García, M. Beneito-Cambra, E.J. Carrasco-Correa, M Verga-Barberán, E.F. Simó-Alfonso

10:05 - 10:20 **O-1 Advanced Sample Preparation Using 3D Printing: From Conventional to Biomimetic Solid-Phase Extraction**
E.J. Carrasco-Correa, M. Vergara-Barberán, M. Beneito-Cambra, M.J. Lerma-García, E.F. Simó-Alfonso, J.M. Herrero-Martínez, M. Miró

10:20 - 10:35 **O-2 Extraction of Emerging Contaminants from Treated Wastewater by a Polymeric Biodegradable Film and Following Analysis by Target and Non-Target LC-MS**
B. Benedetti, E. Ceccardi, H. MacKeown, M. Di Carro, R. Tauler, E. Magi

10:35 - 10:50 **O-3 Functionalized Membranes for Unveiling Metal Interactions with Microplastics and Organic Pollutants in Aquatic Systems**
C. Fontàs, N. Khatir, E. Anticó

9:45 - 10:50

Center of Mediterranean Architecture Hall

Oral Session 2

09:45 - 10:05 **KN-2 Nanofibers: Advanced Format of Organic Polymer-Based Materials for Sample Preparation in HPLC**
F. Švec, P. Chocholouš, L. Chocholoušová Havlíková, J. Chvojka, J. Erben, A. Háková, H. Kholová, I. Lhotská, M. Raabová, D. Šatínský

- 10:05 - 10:20** **INV-1 Low Solvent Consumption Online Liquid-Gas Chromatography-Tandem Mass Spectrometry for Polycyclic Aromatic Hydrocarbon Determination in Olive Oil**
M. Zoccali, A. Arena, P.Q. Tranchida, L. Mondello
- 10:20 - 10:35** **O-4 Here, There and Everywhere - Sustainable Solutions for Liquid Chromatography**
S. Lamotte, M. Legelli, M. Wirtz
- 10:35 - 10:50** **O-5 Automated Preparation and Analysis of Dried Blood Spot Samples Collected by Volumetric Microsampling**
P. Kubáň, M. Dvořák, R. Maršala

10:50 - 11:30

Mikis Theodorakis Exhibition Area

Poster Session A

Sponsors Exhibition

Coffee Break

11:30 - 12:50

Mikis Theodorakis Hall

Oral Session 3

- 11:30 - 11:50** **KN-3 Advanced Extraction Techniques Followed by GC-MS/MS and LC-MS/MS for the Determination of Hazardous Chemicals from Tire Microplastics**
M. Llompart, A. Duque-Villaverde, S. Sónora, V. Carballeira, D. Armada, T. Dagnac
- 11:50 - 12:05** **O-6 Analysis of Volatile Methylsiloxanes in Several Environmental Matrices at LEPABE**
N. Ratola, V. Homem, A. Alves
- 12:05 - 12:20** **O-7 Analysis of PFAAs and Fluorotelomer Alcohols in Shower Curtains: Focus on Migration Conditions**
F. Lucarini
- 12:20 - 12:35** **O-8 SMART: Sustainable Membranes as Affordable and Reliable Tools for Environmental Monitoring of Pharmaceuticals**
F. Merlo, R. Ghiglione, C. Fontàs, A. Cabrera-Codony, A. Speltini, E. Anticò, A. Profumo
- 12:35 - 12:50** **O-9 On-Site Quantitation of BTEX in Atmospheric Air Using Solid-Phase Microextraction and Gas Chromatography with Photoionization Detector**
B. Kenessov, T. Kurmanbayeva, B. Bukenov, Z. Rymzhanova, N. Kazhkenova, A. Imangabassov, A. Smail, N. Karimkyzy

11:30 - 12:50

Center of Mediterranean Architecture Hall

Oral Session 4

- 11:30 - 11:50** **KN-4 An Overview of Molecularly Imprinted Polymers for the Green Analysis of Pharmaceuticals by Electrochemical Sensing**
S.A. Ozkan
- 11:50 - 12:05** **O-10 Paper-Based Electroanalytical Devices Equipped with CO₂ Laser-Assembled Nanostructured Conductive Films**
F. Della Pelle, A. Scroccarello, F. Silveri, D. Paolini, S. Fiori, D. Compagnone
- 12:05 - 12:20** **O-11 Immobilization of Metal-Organic Frameworks in 3D Printed Devices for the Development of Fluorescent and Colorimetric Sensors Used in the Detection of Antibiotics and Heavy Metals**
M.A. Vargas-Muñoz, L. Maza, L. Ferrer, E. Palacio

12:20 - 12:35 **O-12 Greening Electrochemical (EC) Analysis & Biosensing: From EC Mini-cell to Sustainable EC Sensor Solutions**
A. Schulte

12:35 - 12:50 **O-13 Gel Electro-Membrane Extraction: The Movement from Extraction to Sensing. Application for Fluorescence Detection of Norfloxacin**
W. Alahmad, T. Samkumpim, A. Sahragard, P. Varanusupakul

12:50 - 14:20
Lunch Break

13:50 - 14:20

Mikis Theodorakis Hall

Workshop: Supporting young researchers in their publishing careers: Author and reviewer workshop

Instructor: Rob van Daalen, Journal Manager, Elsevier

14:20 - 15:00

Mikis Theodorakis Exhibition Area

Poster Session B

Sponsors Exhibition

15:00 - 16:05

Mikis Theodorakis Hall

Oral Session 5

15:00 - 15:20 **KN-5 What 3D Printing Has to Offer in the Liquid Phase Microextraction Field**
M. Miró, A. Sahragard, P. Kubáň, E.J. Carrasco-Correa

15:20 - 15:35 **O-14 3D-Printed Millifluidic Extraction Devices Encompassing Solid and Liquid Biopolymeric Phases**
F.A. Casado-Carmona, R. Lucena, S. Cárdenas, M. Miró

15:35 - 15:50 **O-15 Metal Nanoparticles Laser Writing on Cellulosic Substrates for Affordable Colorimetric Paper-Based Analytical Device Development**
A. Scroccarello, F. Della Pelle, P. Di Battista, D. Compagnone

15:50 - 16:05 **O-16 A Composite Hydrogel Beads for Vortex-Assisted Dispersive Micro-Solid Phase Extraction of Food Additives Followed by HPLC-DAD**
P. Nurerk, O. Bunkoed, M. Llupart, S. Hongyok

15:00 - 16:05

Center of Mediterranean Architecture Hall

Oral Session 6

15:00 - 15:20 **KN-6 Assessment of Analytical Systems by Metric Tools**
F. Pena-Pereira

- 15:20 - 15:35 **INV-2 Blueness: Criterion in Chemical Analysis**
V. Samanidou
- 15:35 - 15:50 **O-17 Greenness of Sample Preparation for Proteomic Analysis**
K. Maráková, M. Opetová, R. Tomašovsky^{1,2}, K.A. Schug
- 15:50 - 16:05 **O-18 Multi-Criteria Decision Analysis for Selection of Greener Chemicals for Analytical Chemistry**
M. Tobiszewski

16:05 - 16:30 **Mikis Theodorakis Exhibition Area**
Coffee Break
Sponsors Exhibition

16:30 - 17:50 **Mikis Theodorakis Hall**
Oral Session 7

- 16:30 - 16:50 **KN-7 Research Progress in Solid-Phase Microextraction**
G. Ouyang
- 16:50 - 17:05 **O-19 Emerging Trends in Microextraction Techniques**
J.S. Câmara, J.A.M. Pereira, R. Perestrelo
- 17:05 - 17:20 **O-20 Green Microextraction Techniques for DBPs Monitoring**
A. Agapiou, P. Papaioakeim, E.A. Elia
- 17:20 - 17:35 **O-21 Assessing Water Quality: Fast, High Sensitivity Analysis of Chlorophenols and Other Common Odorants by Automated HiSorb**
L. Hearn, R. Cole, R. Szafnauer, M. Santoro
- 17:35 - 17:50 **O-22 SBSE to Overcome Analytical Challenges for Next-Generation Product Registration**
B. Gruber, E. Eberspach, S. Luederwald

16:30 - 17:50 **Center of Mediterranean Architecture Hall**
Oral Session 8

- 16:30 - 16:50 **KN-8 SPME for Trace Metal Speciation**
Z. Mester
- 16:50 - 17:05 **O-23 New Sample Preparation Strategies for the Control of VOC in Wood-Based Panels**
R.M. Ramos, F.D. Gonçalves, R.T. Fernandes, J.R. Santos, J.A. Rodrigues
- 17:05 - 17:20 **O-24 Biomass Cooking and Air Quality: A Study on Volatile Organic Compounds via Thermal Desorption GC-MS**
I. Kozyatnyk, A. Rebryk, M. Njenga
- 17:20 - 17:35 **O-25 On the Determination of the Photodegradation Extent of Microplastics: Lights and Shadows of Micro-FTIR Spectroscopy**
E. Conterposito, M. Roncoli, C. Ivaldi, E. Perin, B. De Felice, S. Gazzotti, M.A. Ortenzi, M. Parolini, V. Gianotti
- 17:35 - 17:50 **O-26 X-ray Fluorescence-based Studies of Particulate Matter on Filter**
D. Eichert, T. Hase, L. Borgese

Tuesday, 17 September

9:00 - 9:40

Mikis Theodorakis Hall

Plenary Lecture

- 09:00 - 09:40 **PL-03 Progresses in the Foodomics Study of Natural Green Extracts against Alzheimer's Disease**
A. Cifuentes, G. Alvarez, J.A. Mendiola, E. Ibáñez, A. Valdés

9:45 - 10:50

Mikis Theodorakis Hall

Oral Session 9

- 09:45 - 10:05 **KN-9 Deep Eutectic Solvents in Microextraction: Benefits and Limitations**
L. Vidal, S. Abellán, I. Rubio, C. Zapater, M.A. Aguirre, A. Canals
- 10:05 - 10:20 **INV-3 The Complex World of Eutectic Solvents and their Use in Sample Preparation**
A. Gentili, C. Dal Bosco, A. Martinelli, P. D'Angelo, S. Fanali, C. Fanali
- 10:20 - 10:35 **O-27 Natural Deep Eutectic Solvent-Based Liquid Phase Microextraction in a 3D-Printed Microfluidic Flow Cell for the On-Line Determination of Thiabendazole**
M. Díaz-Álvarez, E. Turiel, A. Martín-Esteban
- 10:35 - 10:50 **O-28 Evaluation of Deep Eutectic Solvents in the Synthesis of Molecularly Imprinted Fibers for the Solid-Phase Microextraction of Triazines in Soil**
A. Martín-Esteban, A. Monnier, E. Turiel, M. Díaz-Álvarez

9:45 - 10:50

Center of Mediterranean Architecture Hall

Oral Session 10

- 09:45 - 10:05 **KN-10 Extraction Strategies for Studies of Plant-Insect and Environmental Contaminant Interactions**
E. Stashenko
- 10:05 - 10:20 **INV-4 Potential of Deep Eutectic Solvents in the Extraction of Pesticides from Plant Foods**
C. Fanali, S. Della Posta, M. Gherardi, A. Gentili, L. De Gara

- 10:20 - 10:35 **INV-5 From “Green” to “Sustainable” Sample Preparation in the Analysis of Natural Products: Opportunities from new Materials Combined with Microextraction Techniques**
C. Cagliero, G. Bechis, A. Marengo, B. Sgorbini, P. Rubiolo
- 10:35 - 10:50 **O-29 Effects of Different Extraction Methods on Antioxidant Properties of Seaweeds**
V. F. Domingues, F. Santos, S. Morais, M.J. Ramalhosa, C. Soares, C. Delerue-Matos

10:50 - 11:30

Mikis Theodorakis Exhibition Area

Poster Session C

Sponsors Exhibition

Coffee Break

11:30 - 12:50

Mikis Theodorakis Hall

Oral Session 11

- 11:30 - 11:50 **KN-11 Combining Microextraction and Mass Spectrometry Using (Bio)Polymer Sorptive Phases Hosted in Stainless Steel Needles**
R. Lucena, J. Millán-Santiago, S. Cárdenas
- 11:50 - 12:05 **INV-6 Sample Preparation and GC×GC: Fundamental Alleys to Unravel MOSH and MOAH Contamination**
G. Purcaro, A. Gorska, G. Bauwens
- 12:05 - 12:20 **O-30 Dynamic Headspace Vacuum In-Tube Extraction and GC-MS for Analyzing Volatile Compounds in Various Matrices**
L.K. Tintrop, P. Fuchsmann
- 12:20 - 12:35 **O-31 Breaking Barriers with Automation: Automated Vac-HS-SPME for Enhanced Detection and Workflow Efficiency**
C. Liscio, K. Ridgway
- 12:35 - 12:50 **O-32 Microextraction Strategies for Lipid Peroxidation Analysis in Infant Formulae**
J.A. Custodio-Mendoza, M.A. Kurek, A.M. Carro

11:30 - 12:50

Center of Mediterranean Architecture Hall

Oral Session 12

- 11:30 - 11:50 **KN-12 New Bio-Based and Green Solvents at High Pressure: An Option to Improve the Sustainability of Sample Preparation Methods**
E. Ibáñez, M. Strieder Martins, C.A. Balbinot, J.A. Mendiola, M.A. Rostagno, A. Cifuentes, M. Lanza, S.R.S. Ferreira
- 11:50 - 12:05 **INV-7 Unconventional Solvents in Sample Preparation – Challenges Between Green and White Analytical Chemistry**
S. Ražić
- 12:05 - 12:20 **O-33 Investigation of Greener Solvents for HPLC**
F. Michel, B. Peters, G. Jung, A. Piper, P. Knoell, P. Lewits, E. Machtejewas

12:20 - 12:35 **O-34 Structural Characterization of Hydrophilic Natural Deep Eutectic Solvents, Evaluation of its Physicochemical Properties and Application to Extract Phenolic Compounds from Tea Samples**
L. Carbonell-Rozas, R. Romero-González, A. Garrido French

12:35 - 12:50 **O-35 Miniaturized Stir Bar Dispersive Liquid Microextraction (mSBDLME) along with Natural Deep Eutectic Solvent-Based Ferrofluids: A Perfect Match**
J. Grau, J.L. Benedé, A. Chisvert

12:50 - 14:20

Lunch Break

14:20 - 15:00

Mikis Theodorakis Exhibition Area

Poster Session D

Sponsors Exhibition

15:00 - 15:50

Mikis Theodorakis Hall

Oral Session Young Researchers 1

15:00 - 15:10 **YO-1 In Vitro Bioaccessibility Assessment of Tire Related Compounds, Including 6PPD and 6PPDq, Using Simulated Fluids**
S. Sónora, A. Duque-Villaverde, D. Armada, T. Dagnac, M. Llompart

15:10 - 15:20 **YO-2 Revolutionizing Biomarker Analysis One Tip at a Time – Binding Antibody to Volumetric Absorptive Microsampler for Sensitive LC-MS Analysis**
C. Johannsen, L. Reubsæet, T.G. Halvorsen

15:20 - 15:30 **YO-3 Advancements in LC-MS/MS Methodology: Quantification of Six Phosphatidylethanol Homologues in Whole Blood with Minimized Phospholipid Interference**
M.H. Maria, N.R. Neng, T. Berg

15:30 - 15:40 **YO-4 Coupling Miniaturized Stir Bar Sorptive Dispersive Microextraction to Needle-Based Electrospray Ionization Emitters for Mass Spectrometry**
A.L. López-Juan, J. Millán-Santiago, J.L. Benedé, A. Chisvert, R. Lucen², S. Cárdenas

15:40 - 15:50 **YO-5 Gas-Diffusion Microextraction as a Sustainable Sample Preparation to Determine Fragrance Allergens**
A. Castiñeira-Landeira, A. Gomez-Feas, A.M. Carro, T. Dagnac, I.M. Valente, J.A. Rodrigues, P.J. Almeida, M. Llompart

15:00 - 15:50

Center of Mediterranean Architecture Hall

Oral Session Young Researchers 2

15:00 - 15:10 **YO-6 Biomimetic Tools for Selective Solid-Phase Extraction of Pesticides in Water Intended for Human Consumptions**
N. Khaldi, A. Combès, M. Legal, V. Pichon, N. Delaunay

15:10 - 15:20 **YO-7 Advancement of Resistive Pulse Sensing for Particle Identification and Use on Environmental Samples**
E. Christie, M. Platt

- 15:20 - 15:30** **YO-8 Spot Test Method for Tetracycline Using Molecularly Imprinted Polymer-Coated Paper Integrated into a Portable 3D-Printed Platform with Smartphone-Based Fluorescent Detection**
D. Barzallo, E. Palacio, L. Ferrer, M. del Pilar Taboada Sotomayor
- 15:30 - 15:40** **YO-9 High-Throughput Spectrofluorimetric Determination of Acetone in Real Water Samples**
P. Michel, B. Coulomb, F. Robert-Peillard, J.L. Boudenne
- 15:40 - 15:50** **YO-10 Cellulose Acetate Microbeads Recovered from Cigarette Filters in Packed Bed Column for Water Remediation Applications**
M.G. De Cesaris, L. Antonelli, S. Grasso, A. Gentili

15:50 - 16:20

Mikis Theodorakis Exhibition Area

Coffee Break

Sponsors Exhibition

16:20 - 17:00

Mikis Theodorakis Hall

Round Table Discussion:

Greenness of official standard sample preparation methods (IUPAC project 2021-015-2-500)

Moderators: Dr. Z. Mester, Prof. S. Ozkan

17:00 - 17:50

Mikis Theodorakis Hall

Oral Session Young Researchers 3

- 17:00 - 17:10** **YO-11 Multi Cumulative Trapping and Vacuum-Assisted SPME-GC×GC-MS for Accurate 5-HMF Determination and Volatile Profiling of Honey**
D. Eggermont, F. Pardi, G. Purcaro
- 17:10 - 17:20** **YO-12 Converting A Moka-Pot into A Green Extraction Tool for the Analysis of Performance Enhancing Drugs via HPLC-MS/MS in Dietary Supplements**
M. Baglietto, B. Benedetti, E. Castrignanò, M. Di Carro, K. Wolff, E. Magi
- 17:20 - 17:30** **YO-13 Advantages of the Use of Microwave-Assisted Technology for Lipid Analysis**
D. Ferrara, M. Beccaria, C.E. Cordero, G. Purcaro
- 17:30 - 17:40** **YO-14 Development of Novel Volatile Extraction Method for Raw and Cooked Beef Steak Using High Capacity Sorptive Extraction Thermal Desorption Gas Chromatography Mass Spectrometry**
F. Morsli, D.T. Mannion, P.G. Dunne, A.P. Molony, F.J. Monahan, K.N. Kilcawley
- 17:40 - 17:50** **YO-15 New Strategies for the Improvement of the Environmental Impact and Overall Performance of the Sample Preparation for Challenging Fragrance Samples**
G. Bechis, A. Marengo, B. Sgorbini, P. Rubiolo, C. Cagliero

17:00 - 17:40

Center of Mediterranean Architecture Hall

Oral Session Young Researchers 4

- 17:00 - 17:10 **YO-16 Synthesis of Sustainable Cyclodextrin-Based Sorbents and their Application for the Extraction of Organic Contaminants from Environmental Water**
N. Felli, I. Francolini¹, L.M. Migneco, A. Gentili
- 17:10 - 17:20 **YO-17 Development of a New Sorbent Material from Rice Husk Ash for the Preconcentration of Perfluoroalkyl Substances in Environmental Waters**
P. Bianchini, F. Merlo, G. Premoli, A. Speltini, A. Profumo
- 17:20 - 17:30 **YO-18 Per- and Polyfluoroalkyl Substances Losses in Sample Pretreatment: Sample Preparation, Solid Phase Extraction, Filtration, and ENVI-carb Cleaning**
X. Huang, G. Arye, A. Ronen
- 17:30 - 17:40 **YO-19 Microbeads from Recycled Commercial Polystyrene for the In-Syringe Micro Solid-Phase Extraction of Four Opioids from Environmental and Biological Matrices**
L. Antonelli, A.I. López-Lorente, A. Gentili, R. Lucena, S. Cárdenas

20:00

Nykterida Restaurant

Conference Dinner (Ticket is Required)

Bus Transfer to the Restaurant at 19:30

Wednesday, 18 September

09:00 - 10:25

Mikis Theodorakis Hall

Oral Session 13

- 09:00 - 9:20 **KN-13 Advances in Sample Preparation for the Analysis of Aromatic Amines as Biomarkers in Urine**
T.C. Schmidt, N. Lorenzo-Parodi, W. Kaziur-Cegla¹, A. Gjelstad, E. Leitner
- 09:20 - 09:35 **INV-08 New Developments in Bioanalytical Applications of Solid Phase Microextraction**
E. Boyaci
- 09:35 - 09:50 **O-36 Synthesis and Characterization of a Molecularly Imprinted Polymer for Selective Extraction of Chlordecone from Water and Biological Samples**
A. Combès, P. Bosman, M. Lambert², G. Lavison Bompard, V. Pichon
- 09:50 - 10:05 **O-37 Smart Sampling: "Spot-on" for Advanced Protein Determination from Dried Matrix Spots**
L. Reubsaet, T. Grønhaug Halvorsen
- 10:05 - 10:25 **KN-14 Miniaturizing the Already Miniaturized: New Ways to Achieve Dispersion of Magnetic Sorbents in the Analysis of Low-Volume Samples**
A. Chisvert, J.L. Benedé, J. Grau, C. Azorín, G. Peris-Pastor, A.L. López-Juan, L.M. Moreno-Calleja

10:25 - 11:00

Mikis Theodorakis Exhibition Area

Coffee Break

Sponsors Exhibition

11:00 - 12:25

Mikis Theodorakis Hall

Oral Session 14

- 11:00 - 11:20 **KN-15 Improved Analysis of Complex Samples Thanks to More Environmentally-Friendly and Selective Sample Preparation Methods**
V. Pichon, A. Combès, N. Delaunay
- 11:20 - 11:35 **O-38 New Amphoteric Materials for Sorptive Extraction**
R.M. Marcé, A. Moral, F. Borrull, P.A.G. Cormack, N. Fontanal

- 11:35 - 11:50 **O-39 Preconcentration of Bioactive Compounds by New Sorbent Materials: Searching for Sustainability in Solid-Phase Extraction**
A. Speltini, F. Merlo, P. Bianchini, G. De Soricellis, E.S. Sammatrice, V. Quarta, L. Ferrari, E. Calleri, C. Milanese, A. Profumo
- 11:50 - 12:05 **O-40 Planar Sorptive Phases, from Thin Films to Polymeric Coated Particles**
S. Cardenas, R. Lucena
- 12:05 - 12:25 **KN-16 Green, Sustainable and Circular Separation Science**
B. Chankvetadze

12:25 - 14:00
Lunch Break

14:00 - 14:40
Closing Session

Mikis Theodorakis Hall

- 14:00 - 14:40 **PL-04 Electromembrane Extraction – Quo vadis**
S. Pedersen-Bjergaard
- 14:40 - 15:30 **Closing Ceremony, Awards, Presentation of EuSP2026|GSAC2026**

17:00 - 18:30
Guided tour at the old harbour of Chania

Poster Session A

Monday, 16 September

10:50-11:30

- PSA-01** **Biomonitoring of 13 Heavy Metals in Various Types of Leaves from Different Regions of Italy**
T. Pócsová, M. Maio, S. Hrouzková, P. Avino
- PSA-02** **Biomimetic Materials and 3D Printing Solid-Phase Microextraction: A Novel Approach to Study Bioaccumulation Factors of Pollutants without the Need of Animal Models**
E.J. Carrasco-Correa, A. Carrió-Roselló, C. Ochoa-Esteso, P. Molina-Brotons, M.J. Lerma-García, M. Miró
- PSA-03** **Optimization of a Method Based on MSPD Combined with GC-MS for Determination of Tire Particle Additives in Mussel**
N. Carro, I. García-Alonso, S. Söhnora, A. Duque-Villaverde, I. García, A. Mouteira, M. Ignacio, A.M. Carro, M. Llompарт
- PSA-04** **Preparation and Evaluation of 3D-Printed Paddle-Stirrer Coated with Polymers of Different Polarity for the Micro-Solid Phase Extraction of Selected Contaminants from Environmental Water Samples**
M. Díaz-Álvarez, A. Monnier, E. Turiel, A. Martín-Esteban
- PSA-05** **Paraphenylenediamines and Other Emerging Compounds in Crumb Rubber from Leisure Facilities**
A. Duque-Villaverde, D. Armada, T. Dagnac, M. Llompарт
- PSA-06** **Analysis of 6PPD, 6PPD-quinone and Other Hazardous Chemicals from Tire Rubber in Natural Waters Using Solid-Phase Microextraction**
A. Duque-Villaverde, V. Carballeira, D. Armada, P. Nurerk, T. Dagnac, M. Llompарт
- PSA-07** **Pipette-Tip Membrane Microextraction for the Determination of Antibiotics in Natural Waters**
C. Fontàs, L. Portell, B. Alcalde, E. Anticó
- PSA-08** **Automated High-Capacity Sorptive Extraction of Volatile Per- and Polyfluoroalkyl Substances (PFAS) from Drinking water**
L. Hearn, R. Szafnauer, H. Calder, M. Santoro
- PSA-09** **Dispersive Solid-Phase Extraction Using Alginate/Graphene Oxide Composite Gel Beads for Preconcentration of Heavy Metals in Environmental Water Samples**
K. Kumrić, Đ. Petrović, K. Stanković
- PSA-10** **Photodegradation Studies of Tire Rubber Additives in Water Using Solid-Phase Microextraction**
M. Llompарт, A. Duque-Villaverde, V. Carballeira, N. Montero, T. Dagnac, A.M. Carro
- PSA-11** **Fe₃O₄/SiO₂/TiO₂ Nanocomposite for Magnetic Solid-Phase Extraction of Pharmaceuticals: Sorption and Desorption Study with MIP Application**
D. Mutavdžić Pavlović, K. Tolić Čop, D. Bakšić, I. Gabelica
- PSA-12** **Capsule Phase Microextraction Combined with Gas Chromatography-Tandem Mass Spectrometry for the Determination of Polychlorinated Biphenyls in Water Samples**
N. Manousi, G. Efstratiadis, A. Kabir, K. Furton, E. Rosenberg, G. Zachariadis, N.P. Kalogiouri
- PSA-13** **Ultrasound-Assisted Emulsification Microextraction (USAEME) for the Sensitive Determination of Different Chemical Class Herbicides in Water**
S. Söhnora, A. Castiñeira-Landeira, T. Dagnac, M. Llompарт

- PSA-14 Sorption Performance of Molecularly Imprinted Polymer for the Selective Extraction of Sulfamethoxazole**
K. Tolić Čop, D. Mutavdžić Pavlović, I. Čolo
- PSA-15 Fabric Phase Extraction Empowered by the Use of Molecularly Imprinted Polymers for the Highly Selective Isolation of BPA from Water Samples analyzed by HPLC-DAD**
N.P. Kalogiouri, E. Pantazi, A. Konstantinou, A. Kabir, K. Furton, V.F. Samanidou
- PSA-16 A Magnet-Integrated Fabric Phase Sorptive Extraction Protocol as a Front-End to GC-MS/MS for the Trace determination of Polycyclic Aromatic Hydrocarbons in Water Samples**
N.P. Kalogiouri, N. Manousi, A. Beina, A. Kabir, K. Furton, E. Rosenberg, G. Zachariadis
- PSA-17 Extraction of Phenolic Compounds from Olive Pomace Using Supramolecular Deep Eutectic Solvent**
G. Pietrangeli, S. Della Posta, C. Maggi, C. Fanali
- PSA-18 β -Cyclodextrin and Levulinic Acid Based Supramolecular Deep Eutectic Solvent: Characterization and Applications for the Extraction of Bioactive Molecules**
V. Terrigno, S. Della Posta, C. Fanali
- PSA-19 β -Cyclodextrins - Coated Magnetic Nanoparticles: Synthesis, Characterization, and Adsorption Studies**
M.C. Frondaroli, S. Della Posta, C. Fanali
- PSA-20 Untargeted Analysis of Cigarette Leachate Extracts Using High Capacity Sorptive Extraction followed by TD-GC \times GC-MS**
I. Kandylioti, E. Psillakis
- PSA-21 Vial-Coated Thin Film Microextraction for Perfluorinated Carboxylic Acids (PFCAs) Determination in Water Samples by GC-MS**
J.M. Luna-Díaz, L. Ferrer, L.O. Leal-Quezada, E. Palacio
- PSA-22 Modern Trends in Pre-Analysis in Clinical Research and Routine Practice**
L. Kujovská Krčmová, Ch. Suwanvecho, N. Přivratská, D. Turoňová, L. Matysová, V. Blaha
- PSA-23 Preconcentration of Bromide and Bromate by In-Vessel Headspace Liquid-Phase Microextraction Followed by their Spectrophotometric Determination**
A. Vishnikin, A.-E. Tamen, Y. Bazel
- PSA-24 Untargeted Metabolomics for Monitoring Sinularia Soft Coral Response to Elevated Sea Temperature**
N.M. Hegazi, M. Emam, T. Mohamed, M. Al-Hammady, M. Hegazy, H. Gross
- PSA-25 The Role of Pyrolysis-Gas Chromatography-Mass Spectrometry Analysis in the Microplastics Evaluation in the Indoor Air Quality Studies**
P. Avino, C. Di Fiore, F. Carriera, A. Iannone
- PSA-26 Assessment of Organochlorine Pesticide Residues in Silver Carp (*Hypophthalmichthys molitrix*) Fish Tissue: Analytical Insights, Biochemical Effects, and Environmental Implications**
A.K. Das, G.M.M. Anwarul Hasan
- PSA-27 Geochemical and Spatial Distribution of Minerals in the Tailings of Ife/Ijesa Gold Mine Zone, Nigeria**
A.O. Fatoye, S.O. Oladejo, W.B. Tomori and A.O. Adebayo
- PSA-28 A Survey of Total Selenium in Soil, Maize Plants, and Maize Flour by Inductively Coupled Plasma Tandem Mass Spectrometry (ICP-MS/MS): A Case Study for South Africa**
N. Takata, A. Botha, P.N. Nomngongo

Poster Session B

Monday, 16 September

14:20-15:00

- PSB-01** Quantitation of Intact Proteins in Biological Fluids Using CZE-MS with Off-Line Microelution SPE Sample Pretreatment
M. Opetová, R. Tomašovsky, P. Mikuš, K. Maráková
- PSB-02** Targeted UPLC-ESI QQQ MS/MS Analysis of Bile Acids in Saliva and Gastric Juice: A Possibility for Early Non-Invasive Diagnosis of Barrett's Oesophagus
M. Laštovičková, P. Itterheimová, V. Dosedělová, P. Kubáň, Š. Konečný, J. Dolina
- PSB-03** One Step Derivatization and Switchable Hydrophilic Solvent Microextraction for The Determination of Adamantine Analogues in Human Urine by HPLC-FLD
M. Ntorkou, P.D. Tzanavaras, C.K. Zacharis
- PSB-04** A Green Liquid Phase Microextraction Using Phthalic Acid as Switchable Hydrophilicity Solvent for the HPLC Determination of Sildenafil in Human Urine
M. Ntorkou, A. Doumtsi, S. Solomou, B. A. Gontad, P.D. Tzanavaras, C.K. Zacharis
- PSB-05** Dispersive Pipette Tips Extraction for Vitamin K Analysis
N. Přívratská, Ch. Suwanvecho, D. Turoňová, L. Kujovská Krčmová
- PSB-06** Blood Microsampling Devices in Global Untargeted Metabolic Profiling
D.M.S. Silva, M. Thaitumu, G. Theodoridis, P. Louail, J. Rainer, H. Gika
- PSB-07** Dried Blood Spot Devices: Precise, Convenient, and Patient-Friendly Devices for Analysis of Vitamin A and E
Ch. Suwanvecho, N. Přívratská, D. Turoňová, L. Kujovská Krčmová
- PSB-08** Modernizing Diagnostics: Efficient Routine Vitamin K Analysis with a Focus on Metabolic Disorders
D. Turoňová, K. Mrštná, Ch. Suwanvecho, N. Přívratská, L. Kujovská Krčmová
- PSB-09** Analysis of Biothiols in Non-Invasive Samples by Capillary Electrophoresis with Laser Induced Fluorescence and Amine Group Derivatization
J. Volanek, P. Itterheimova, P. Kuban
- PSB-10** Development of QuEChERS/HPLC Technique for the Determination of Veterinary Drug Residues in Beef Samples
L.B. Abdulrauf, A.M. Junaid, M.A. Aliu, A. Ibraheem, A. Ishaq
- PSB-11** Enhancing Tomato Aroma: Vacuum assisted HS-SPME Study on Ailsa Craig Ripening
A. Pateraki, E. Psillakis
- PSB-12** Enhancing Oxidative Stability Analysis in Adult Nutrition Formulas Using Microextraction Techniques and GC-MS
A.M. Carro, J.A. Custodio-Mendoza, A.R. Silva
- PSB-13** Bisphenols Content in Mussel as Sentinel of Surface Sea Waters Coming from Galician Rías
N. Carro, A. Portela, J. Cobas, I. García, A. Mouteira, M. Ignacio
- PSB-14** Fast HPLC-UV for Total Amino Acid Determination through Ultrasound-Accelerated Acid Hydrolysis
J.A. Custodio-Mendoza, M.A. Kurek, P. Pokorski

- PSB-15** Comparison of Microwave-Assisted Saponification and Extraction Methods for MOH Determination in Meat
D. Ferrara, P. Albendea, G. Purcaro
- PSB-16** Aptamer-Modified Magnetic Nanoparticles for Extraction of Milk Protein Allergen α -Lactalbumin from Foodstuffs
M.J. Lerma-García, R. Mínguez-Peláez, N. Piqueras-García, M. Vergara-Barberán, J.M. Herrero-Martínez
- PSB-17** Design and Application of a 3D-Printed Device Coated with Solid-Phase Extraction Resins: An Alternative to QuEChERS for Extraction and Quantification of Five Pesticide Residues in Honey Samples via UHPLC-UV
D. Lupu, G. Hancu, L. Ferrer
- PSB-18** Development of a Direct Liquid-Liquid Extraction Method Combined with UHPLC- DAD for the Determination of Seven Flavonoids in Extra Virgin Olive Oil
E. Palacio, L. Bonilla, T.S. Sammani, L. Ferrer
- PSB-19** Improving Juice Processing Quality and Efficiency with a Novel Pectin Lyase
M. Pavlović, M. Ristović, N. Drulović, M. Šokarda Slavić, Z. Vujčić, A. Margetić, S. Stojanović
- PSB-20** Extraction and Determination of Steroid Saponins in Tribulus Terrestris Nutraceuticals with Validated UHPLC-CAD Method
M. Sanderová, D. Šatínský
- PSB-21** Plant-Based and Same Great Taste? Finding Off-Flavours Causing Negative Consumer Perception of Pea Milk Using High Capacity Sorptive Extraction (HiSorb)
M. Santoro, L. Hearn, J.P. Mayser, R. Szafnauer
- PSB-22** Enzymatic Production and HPLC-RID Analysis of Prebiotic Oligosaccharides in Functional Foods
S. Stojanović, M. Ristović, M. Pavlović, B. Dojnov, N. Božić, Z. Vujčić, A. Margetić
- PSB-23** Rapid Analysis of Phenolic Compounds in Plant-Based Milk Alternatives: A Smartphone-Based Approach
M. Tobiszewski, L.A. Yahya, C. Vakh
- PSB-24** Influence of Grape Pomace Addition on the Nutritional and Functional Value of Maize Extrudates
M. Ungureanu-Iuga, S. Mironeasa, A. Batariuc, C. Mironeasa
- PSB-25** Compliance with Current Regulations on Allergens and Hazardous Compounds in Hydroalcoholic Gels
A. Castiñeira-Landeira, L. Vazquez, T. Dagnac, M. Celeiro, M. Llompert
- PSB-26** Metabolome Diversity of Nine Apiaceae Fruits and their Anti-Cellulite Potential
N.M. Hegazi, M.A. Salem, H.H. Saad, N.M. Aborehab, M.H. El Bishbishy, S.M. Ezzat
- PSB-27** Synthesis and Characterization of Aptamer-Modified Hybrid-Silica Monolithic Capillary for Extraction of Amyloid Peptides
A. Combès, I.D. Souza, MEC. Queiroz, V. Pichon

Poster Session C

Tuesday, 17 September

10:50-11:30

- PSC-01** Voltammetric Procedure for the Determination of Ce(III) in Environmental Waters Utilizing Accumulation on an Multi-Walled Carbon Nanotubes Modified Screen-Printed Electrode
M. Grabarczyk, M. Fialek, E. Wlazlowska
- PSC-02** Cathodic Stripping Voltammetry Using a Solid Bismuth Microelectrode for the Determination of Trace Amounts of Se(IV) in Environmental Water
M. Grabarczyk, M. Fialek, C. Wardak
- PSC-03** Characterization and Durability of Emerging Polymeric Encapsulant Materials for Photovoltaic Modules: Situation and Perspectives
K. Agroui
- PSC-04** Development of Analytical Green Methodologies for The Detection of Contaminants of Emerging Concern
M.A. Andino-Enríquez, S. Taglianetti, D. Fabbri, C. Medana, F. dal Bello, P. Calza
- PSC-05** Sustainable Biocatalysis: Exploiting Hemp Waste for Lipase Immobilization and Oleic Acid Esterification
V. Chiappini, D. Casbarra, M.L. Astolfi, A.M. Girelli
- PSC-06** Solvent-Free Reactions as a Key to the Synthesis of Organoboron Compounds
G. Hreczycho, K. Kuciński, H. Stachowiak-Dłużyńska
- PSC-07** Reusing and Recycling 3D Printed Devices Coated with Solid-Phase Extraction Resin for Extraction of Antidepressants in Water: Towards a Truly Sustainability
B. Meíja, L.O. Leal, L. Ferrer
- PSC-08** Comparison of Official Analytical Methods with Corresponding Methods Using SPME for their Greenness
F. Michel
- PSC-09** Simple and Rapid Determination of Salivary Lysozyme in Real Samples by tITP-CZE-UV
R. Tomašovský, M. Opetová, P. Mikuš, K. Maráková
- PSC-10** Microflow LC-MS: A Step Towards Reconciling the Reduction of Environmental Impact and Analytical Performances in the Context of Green Chromatography
L. Durand, B. Giroud, L. Wiest, E. Vulliet
- PSC-11** Utilization of Caffeine as a Potential Enhancer for Heat Transfer Fluids
J. Panić, N. Cako Bagány, S. Papović, T.T. Borović, A. Vukov, S. Belić, S. Gadžurić, M. Vraneš
- PSC-12** An Updated Gradient PLE-SPE×HPLC-PDA System for Extraction, Fractionation, and Analysis of Valuable Compounds from Cocoa Bean Shells
F.S. Bragagnolo, M.M. Strieder, V.L. Sanches, M. Gonzalez-Miquel, M.A. Rostagno
- PSC-13** Introduction of High Performance Liquid Chromatography coupled to Zone Fluidics as a Versatile Approach for Derivatization Reactions
A. Tsiasioti, C. K. Zacharis, P. D. Tzanavaras
- PSC-14** Pulsed – Post Column Derivatization Coupled to High Performance Liquid Chromatography: A new Concept to Minimize the Reagent Consumption
A. Tsiasioti, P.D. Tzanavaras

- PSC-15** **On Site Analytical Strategies to Monitor Organic and Inorganic Pollutants in Fish Farms**
F. Cristaudo, P. Calza, M.A. Andino-Enríguez, M. Tramontini, D. Fabbri, P. Inaudi, A. Giacomino
- PSC-16** **In-Situ Arsenic(III) Colorimetric Detection Exploiting Hydride Generation and Metal Organic Framework Ag-BTC Integrated in a 3D-Printed Millifluidic Device**
L. Maza, M.A. Vargas-Muñoz, L. Ferrer, E. Palacio
- PSC-17** **Lab-on-Paper Colorimetric Device for Extraction-Free Phenolic Fraction Evaluation in Olive Oil**
A. Scroccarello, F. Della Pelle, I.V. Di Cristoforo, M. Del Carlo, D. Compagnone
- PSC-18** **Europium-based Luminescent Metal-Organic Framework (Eu-MOF) Immobilized on a 3D-Printed Device as a Multisample Fluorescent Sensor for In-situ Smartphone-Assisted-Detection of Tetracyclines in Water Samples**
M.A. Vargas-Muñoz, G. Turnes, L. Ferrer, E. Palacio
- PSC-19** **Electrochemical Sensor Manufactured on Algae-Paper Equipped with Nanobiochar from By-products for Bisphenol-A Determination in Zebrafish Embryo Model**
F. Della Pelle, F. Silveri, A. Scroccarello, C. Merola, R. Cancelliere, L. Micheli, D. Compagnone
- PSC-20** **Automated Preparation of Multi Compound Calibration Standards According to SANTE Requirements**
H.-J. Huebschmann, T. Breski
- PSC-21** **Whey Proteins as a Source of Essential Minerals Evaluation of More Environmentally Friendly Analytical Methods**
J. Jablan, E. Margui, B. Bilandzija, L. Budic, T. Videkovic
- PSC-22** **Catalysis of [3+2] Cycloadditions by Acetic Acid Using Microwaves or Ultrasound**
I. Damljanović, J. Bugarinović, D. Stevanović, M. Pešić
- PSC-23** **Audio-Tactile Pictures for Teaching Spectrometry to Individuals with Visual Impairments Towards Accessibility**
V. Samanidou, N. Manousi, N. Kalogiouri, L. Isaraj, E. Chronopoulou, K. Papadopoulos
- PSC-24** **Advancements in Electrolyte Modification for Enhanced Safety and Sustainability in Lithium-Ion Batteries**
N. Cakó Bagány, J. Panić, T.T. Borović, S. Papović
- PSC-25** **Natural Deep Eutectic Mixture as Environmentally Friendly Solvent for Pharmaceutically Active Ionic Liquid**
N. Cako Bagány, J. Panić, S. Papović, T.T. Borović, A. Vukov, S. Belić, S. Gadžurić, M. Vraneš
- PSC-26** **Advancing Surfactant Analytics Using Green Analytical Technique and Highly Sensitive Potentiometric Sensors**
D. Madunić-Čačić, L. Vuković
- PSC-27** **A Synergistic Approach for the Co-Production of Hydrogen and Nanocarbon from Plastic Waste via Thermo-catalytic Route**
A. Rafey, E. Ahmad, K.K. Pant, S. Upadhyayula
- PSC-28** **Development of Novel Adsorbents for Extraction and Analysis of Lithium from Reverse Osmosis Brine**
S.F.Y. Li
- PSC-29** **Iron-Based Catalyst for Production of Hydrogen and CNTs through the Catalytic Decomposition of Methane**
S. Shekhar, K.K. Pant, R. Joshi

Poster Session D

Tuesday, 17 September

14:20-15:00

- PSD-01** **Molecularly Imprinted Polymer-Coated Toothpicks for the Determination of Diazepam and Major Metabolite**
C.H. Bozmaoglu, T. Karasu, K. Can Tok, L. Uzun, M. Gumustas
- PSD-02** **Supported Liquid Extraction Using Wetted Nanofibrous Discs as a Simple Approach for In Vial Extraction Prior to Chromatography Analysis**
E. Czyz, D. Šatínský
- PSD-03** **Upcycling Plastic Wastes as Supports for Preparation of Metal-Organic Framework-Based Sorbents**
J.M. Herrero-Martínez, M.A. Martínez-Briones, M. Vergara-Barberán, M. Beneito-Cambra, E.F. Simó-Alfonso, M.J. Lerma-García
- PSD-04** **Core Shell Particles with Strong Cationic Exchange Moieties as Selective Material**
R.M. Marcé, A. Moral, F. Borrull, P.A.G. Cormack, N. Fontanals
- PSD-05** **A Novel Automatic Flow-Batch Liquid-Liquid Microextraction Lab-in-Syringe Platform Based on Natural Deep Eutectic Solvents for Toxic Metal Determination**
N. Manousi, V. Christoforou, C.K. Zacharis, A. Anthemidis
- PSD-06** **Evaluation of Metals Leachability from 3D Printed Analytical Devices**
E. Palacio, A. Figuerola, M. Marí, L. Ferrer
- PSD-07** **Polyvinyl Chloride Coated Paper Post-Modified with Diphenylamine: A Sustainable Sorptive Phase to Extract Opioids from Saliva Samples**
A. Pedraza-Soto, C. Calero-Cañuelo, R. Lucena, S. Cárdenas
- PSD-08** **Strong Cation Exchange Microparticles Immobilized on Paper for the Selective Isolation of Opioids in Biofluids**
A. Pedraza-Soto, R. Lucena, S. Cárdenas
- PSD-09** **Use of Waste Plastics as Selective Supports for the Analysis of Cow's Milk Allergens**
M. Vergara-Barberán, I.F. Colonescu, T. González-Sanz, M. Beneito-Cambra, M.J. Lerma-García, J.M. Herrero-Martínez
- PSD-10** **Development of an Affinity Sorbent in a Paper-Based Device for Lysozyme Extraction in Foods**
M.J. Lerma-García, N. Piqueras-García, M. Vergara-Barberán, J.M. Herrero-Martínez
- PSD-11** **Identification of Organic Compounds Released from 3D Printed Devices by GC-MS**
B. Meíja, A. Figuerola, L. Ferrer, E. Palacio
- PSD-12** **Comprehensive Analysis of Volatile Carbonyl Compounds in Wood-Based Panels Through Gas-Diffusion Microextraction Combined with HPLC-DAD**
R.M. Ramos, F.D. Gonçalves, M.L. Almeida, J.M. Martins, L.H. Carvalho, J.A. Rodrigues
- PSD-13** **Development of Low-Cost Extraction Platforms Modified with Metal-Organic Frameworks for the Analysis of Emerging Pollutants**
M. Vergara-Barberán, M.Á. Martínez-Briones, M.J. Lerma-García, J.M. Herrero-Martínez
- PSD-14** **Green Multi-Residue Pesticide Extraction from Food Samples Using Natural Deep Eutectic Solvents**
L. Carbonell-Rozas, I. Aloisi, L. Righetti, A. Garrido Frenich, H. Mol

- PSD-15** Hydrocarbon Oil Index: Scale Down Approach for Automation of C10-C40 According to UNI EN ISO 9377-2
A. Carretta
- PSD-16** Developing Preanalytical Method for the Extraction and Preconcentration of Non-Steroidal Anti-Inflammatory Drugs from Wastewater Samples Using Ionic Liquid-Based Aqueous Biphasic Systems
A. Dimitrijević, A. Jocić, S. Marić, D. Tekić, J. Mušović
- PSD-17** In-Syringe Dispersive Solid Phase Extraction of Selected Alkyl-Phenols Coupled Online to HPLC
T.T.M. Htet, B. Horstkotte, H. Sklenářová
- PSD-18** New Developments for MOSH/MOAH Automated Analysis
H.-J. Huebschmann, T. Uber
- PSD-19** Green Approach Strategy Using Aqueous Biphasic Systems with Ionic Liquids as Pre-Treatment Method for Pesticide Determination in Food Sample
A. Jocić, S. Marić, D. Tekić, J. Mušović, A. Dimitrijević
- PSD-20** Green Extraction of Pesticides in Pear by Matrix Solid Phase Dispersion combined with Natural Deep Eutectic Solvents
A. Martín-Esteban, E. Miguel, A.I. García-Valcárcel
- PSD-21** A Composite Cryogel Embedded in a Needle Hub for Miniaturized In-Syringe Solid Phase Extraction of Preservatives in Beverage Samples Followed by HPLC-DAD Analysis
P. Nurerk, O. Bunkoed, J. Saphanachai
- PSD-22** Experimental Design and Optimization of the Fabric Phase Sorptive Extraction of Anti-Diabetic Drugs in Water
A. Misolas, M. Sleiman, V. Sakkas
- PSD-23** 3D Printed Device for In-Situ Solid-Phase Extraction of Six NSAIDs from Wastewater and Subsequent Analysis by UPLC-DAD/FLD
C. Castro-García, R. Rodríguez-Maese, L.O. Leal-Quezada, E. Palacio, L. Ferrer
- PSD-24** Activated Carbon from Grapefruit Peel as Sorbent Phase for Microextraction Technologies
P. Richter, A. Molina-Balmaceda, V. Rojas-Candia, J.J. Triviño, D. Arismendi
- PSD-25** Development of a Fluidic Platform for Easy Monitoring of Superoxide Anions
L. Garcia-Moll, M. Galián-Salas, M. Oliver, F.A. Casado-Carmona, M. Miró
- PSD-26** Extraction of Terbinafine from Poly(lactic-co-glycolic Acid) Based Solid Dispersions Prior to Its Determination by Fast, Sensitive UHPLC-DAD Method
L. Matysová, K. Mrštná, K. Matoušová, P. Matouš, L. Kujovská Krčmová, F. Švec
- PSD-27** Multivariate Optimization of a Dispersive Micro Solid Phase Extraction Method and HPLC-ESI-Triple Quadrupole Mass Spectrometry for Simultaneous Quantification of 20 Plant Growth Regulators in Algae and Algae-based Fertilizers
C. Terriente-Palacios