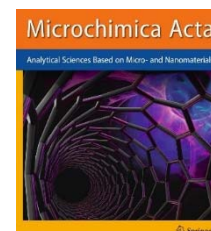


<b>MIÉRCOLES 29 DE JUNIO DE 2022</b> <b>FACULTAD DE CIENCIAS, UNIVERSIDAD DE GRANADA</b>	
8:30 h	<b>Acreditación, entrega de documentación y colocación de pósters</b>
8:45-9:00	<b>Inauguración de la I Reunión del GCTbA</b>
SESIÓN 1 9:00-9:35	<i>Moderadores: María Luisa Marina y Angel Maquieira</i> <b>P1 La Química (Bio)Analítica de la mano del Profesor Miguel Valcárcel: un recuerdo y homenaje</b> <i>A. Ríos, Universidad de Castilla La-Mancha</i> <i>D. Barceló, IDAEA-CSIC</i>
SESIÓN 2	<b>Medioambiente y Alimentos</b> <i>Moderadores: Angel Ríos y Damià Barceló</i>
9:35-10:05	<b>P2 Application of Capillary Electrophoresis in the control of chemical hazards: an efficiency tool in food safety</b> <i>A.M. García-Campaña, L. Carbonell-Rozas, M.M. Aparicio-Muriana, M.M. Delgado-Povedano, M. Hernández-Mesa, L. Gámiz-Gracia, F.J. Lara</i>
10:05-10:20	<b>O-1 Investigation of antibiotic/pharmaceutical residues in wastewater: method development, occurrence and WWTP removal efficiency</b> <i>F. Hernández, C. Simarro, E. Gracia, E. Pitarch, L. Bijlsma, M. Ibáñez, D. Fabregat-Safont, F.J. López</i>
10:20-10:35	<b>O-2 Passive sampling coupled with miniaturized voltammetric detection for the determination of atmospheric pollutants</b> <i>Eduardo Pinilla-Gil, Maria Cerrato-Alvarez, Fernando Rueda-Holgado, Conrado Miro-Rodriguez, Lorenzo Calvo-Blazquez, Francisco Cereceda-Balic</i>
10:35-10:50	<b>O-3 Biosensing of micotoxins based on phage-derived peptides and recombinant antibodies</b> <i>E. Benito Peña, R. Peltomaa, A. Luque-Uría, R. Barderas, M.C. Moreno-Bondi</i>
10:50-11:05	<b>O-4 Sustainable production of blueberry bioactive extracts - from lab to pilot scale</b> <i>M. Lores, M. Celeiro, A. Castillo, L. Rubio, C. Garcia-Jares</i>
11:05-11:20	<b>O-5 Pressurized liquid extraction and enzymatic-assisted extraction, the combination of two green methodologies to release non extractable polyphenols from cherry pomace: in vitro assessment of their bioavailability</b> <i>M. Plaza, G. Domínguez-Rodríguez, M.L. Marina</i>
11:20-11:50	<b>Café + Exhibición de Pósters</b>
SESIÓN 3	<b>Otros retos actuales de la Química (Bio)Analítica</b> <i>Moderadores: Alberto Escarpa y Jose Manuel Costa</i>
11:50-12:05	<b>O-6 Global methylation signatures detection assisted by multiplexed amperometric bioplatfoms: towards early and personalized cancer diagnosis</b> <i>E. Povedano, M. Gamella, R.M. Torrente-Rodríguez, V. Ruiz-Valdepeñas Montiel, A. Montero-Calle, G. Solís-Fernández, F. Navarro Villoslada, M. Pedrero, A. Peláez-García, M. Mendiola, D. Hardisson, J. Feliú, R. Barderas, J.M. Pingarrón, S. Campuzano</i>
12:05-12:20	<b>O-7 The role of analytical chemistry in clinical research: usefulness of guided-metabolomics in establishing prognosis and diagnostic biomarkers of disease.</b> <i>O.J. Pozo, A. Gomez-Gomez</i>
12:20-12:35	<b>O-8 Omic methodologies for assessing the mother-offspring transfer of trace elements and metabolites and the impact of maternal disorders</b> <i>T. García-Barrera, A. Arias-Borrego, J.L. Gómez-Ariza, I. Velasco</i>
12:35-12:50	<b>O-9 Towards the standardisation of <i>in vitro</i> diagnostic testing for drug allergy</b> <i>S.Morais, P. Quintero-Campos, M.J. Juárez, A. Maquieira</i>
12:50-13:05	<b>O-10 Enhanced performance of reagent-less carbon nanodots based enzyme electrochemical biosensors</b> <i>M.Revenga-Parra, I. Bravo, C. Gutiérrez-Sánchez, T. García-Mendiola, F. Pariente, E. Lorenzo</i>

13:05-13:20	<b>O-11 On-board smartphone micromotors based (bio)-assays</b> <i>B. Jurado-Sánchez, K. Yuan, V. de la Asunción-Nadal, C. Cuntín-Abal, A. Escarpa</i>
13:20-13:40	<b>OI-1: Instrumental modifications in GC-MS instruments transferred to different industrial and technology international companies</b> <i>J. Ruiz Encinar, M. Moldovan, L. Freije Carrelo, J. García Bellido, M. Redondo Velasco</i>
13:40-15:00	<b>Comida + Exhibición de Póster</b>
<b>SESIÓN 4 Jóvenes</b>	<b>Química (Bio)Analítica</b> <i>Moderadores: Susana Campuzano y Alfonso Salinas</i>
15:00-15:20	<b>OI-2: Electrochemical (bio)-sensors and biofuel cells: towards self-powered sensors</b> <i>L. García-Carmona</i> <b>OI-3: Versatile electroanalytical bioplatfroms for early and reliable cancer diagnosis at different molecular levels</b> <i>R.M. Torrente-Rodríguez, M. Gamella, J.M. Pingarrón, S. Campuzano</i>
15:20-15:30	<b>OJ-1 Characterization of silica nanomaterials by asymmetrical flow field flow fractionation: from nanometers to micrometers</b> <i>L. Sanjuan-Navarro, Y. Moliner-Martínez, P. Campíns-Falcó</i>
15:30-15:40	<b>OJ-2 Nanoplasmonic sensing strategy for the whole estimation of proteinogenic aminoacids in nutritional supplements</b> <i>M. Bartolomé Díaz, M.J. Villaseñor Llerena, A. Ríos</i>
15:40-15:50	<b>OJ-3 Luminescent sensor for nitrite determination based on terbium doped calcium phosphate nanoparticles</b> <i>I. Blasco-Pascual, I. Ortiz-Gómez, G.B. Ramírez-Rodríguez, L.F. Capitán-Vallvey, A. Salinas-Castillo, J.M. Delgado-López</i>
15:50-16:00	<b>OJ-4 Functionalized doped carbon dots for multimodal bioimaging</b> <i>G. Redondo-Fernández, J.M. Costa-Fernández, A. Soldado.</i>
16:00-16:10	<b>OJ-5 Metal organic frameworks micromotors for bioanalytical applications</b> <i>J. Bujalance-Fernández, B. Jurado-Sánchez, A. Escarpa</i>
16:10-16:20	<b>OJ-6 Micromotors-based aptassays for determination of sepsis biomarkers in neonatal serum samples</b> <i>J. Gordón, M. Moreno-Guzmán, M.A. López, A. Escarpa</i>
16:20-17:00	<b>Café + Exhibición de Póster</b>
<b>SESIÓN 5 Jóvenes</b>	<b>Química (Bio)Analítica</b> <i>Moderadores: Alegría Carrasco y María Castro</i>
17:00-17:10	<b>OJ-7 Highly sensitive and specific optoelectronic biosensing system for multiplex detection of respiratory viruses</b> <i>W. Teixeira, Y. Pallás-Tamarit, A. Juste-Dolz, R. Gozalbo-Rovira, J. Rodríguez-Díaz, D. Navarro, J. Carrascosa, D. Giménez-Romero, S. Morais, A. Maquieira</i>
17:10-17:20	<b>OJ-8 Colorimetric determination of iron in serum samples using a microfluidic paper-based analytical device and a smartphone as reader</b> <i>S. Dorte, A.G. Crevillen, A. Escarpa</i>
17:20-17:30	<b>OJ-9 METALLOMIC ANALYSIS TO EVALUATE Se-NANOPARTICLES AND CILASTATIN FOR NEPHROPROTECTION AGAINST CISPLATIN</b> <i>A. Iglesias-Jiménez, E. Moreno-Gordaliza, G. Artiaga, A. Lázaro, M. M. Gómez-Gómez</i>
17:30-17:40	<b>OJ-10 An untargeted LC-MS metabolomics approach to investigate the metabolic alterations between cisplatin and UV light-induced apoptotic bodies from HK-2 cells</b> <i>S. Bernardo-Bermejo, E. Sánchez-López, M. Castro-Puyana, A.B. Fernández-Martínez, F.J. Lucio-Cazaña, M.L. Marina</i>
17:40-17:50	<b>OJ-11 Comparison of the metabolic profile of hass avocados grown in Spain, Peru and Chile</b> <i>I. Serrano-García, J. Domínguez-García, E. Hurtado-Fernández, L. Olmo-García, J.J. González-Fernandez, J.I. Hormaza, A. Carrasco-Pancorbo</i>
17:50-18:00	<b>OJ-12 Use of SP-ICP-MS for the analysis of silver nanoparticles in seaweed samples</b> <i>J.J. López-Mayán, B. Álvarez-Fernández, E. Peña-Vázquez, M.C. Barciela-Alonso, A. Moreda Piñeiro, P. Bermejo-Barrera</i>
18:00-18:10	<b>OJ-13 Platinum nanoparticles in road dust: ultrasonic extraction combined with SP-ICP-MS for detection and characterization</b> <i>A. Sánchez, N. Rodríguez, M. Jiménez, Á. Ríos, R.C. Rodríguez</i>

18:10-18:40	Exhibición de Pósters
18:40-19:10	Asamblea del GCTbA
19:10-19:40	Entrega de Premios Presentación del X International Congress on Analytical Nanoscience and Nanotechnology (NyNa) Clausura de la Reunión



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