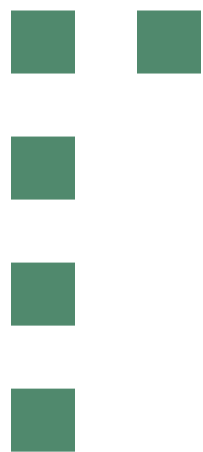


11-13 JULIO 2018
MADRID



11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental

LA PROTECCIÓN
AMBIENTAL EN UN MUNDO
GLOBAL Y CAMBIANTE:
RETOS TECNOLÓGICOS,
CIENTÍFICOS Y SOCIALES



8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Acto Inaugural
10:30-11:30	Conferencia Inaugural, Dr. Helmut Segner. The vertebrate immune system as a target of endocrine disrupting compounds
11:30-12:00	Coffee break

SALÓN DE ACTOS

			<i>Autor</i>	<i>Título</i>	<i>Código</i>	
12:00-14:00	IONAN MARIGÓMEZ MARÍA J. BEBIANNO	Session 1: Biomarkers, biomonitoring and ecological risk.	12:00-12:15	Araújo CVM et al.	A novel perspective for ecotoxicological risk assessment based on driven-contamination spatial displacement in non-forced exposure systems	BBOC01
			12:15-12:30	Bebiano MJ et al.	Ecotoxicological effects of the sunscreen chemical component benzophenone-3 adsorbed to microplastics in the clam <i>Scrobicularia plana</i>	BBOC02
			12:30-12:45	Benito D et al	General stress biomarkers in mussels (<i>Mytilus trossulus</i>) collected in three different seasons from two regions of the Baltic Sea	BBOC03
			12:45-13:00	Blanco-Rayón E et al.	Lifetime dependent responsiveness of biomarkers in mussels subject to multiple environmental stress conditions	BBOC04
			13:00-13:15	Bonnail E et al.	Ecotoxicity assessment of an effluent from an ecological treatment system of acid mine drainage	BBOC05
			13:15-13:30	Bainy ACD et al.	Cytochrome P450 gene transcription in oyster <i>Crassostrea gigas</i> from contaminated sites: evidences of alternative splicing	BBOC06
			13:30-13:45	Briaudeau T et al.	A multi-organ histopathological approach in juvenile <i>Solea senegalensis</i> exposed to model contaminants in laboratory conditions: cadmium and benzo[a]pyrene.	BBOC07
			13:45-14:00	da Silva Montes C et al.	Temporal assessment of metal contamination in the Itacaúnas river, Amazon, Brasil using the Piranha (<i>Serrasalmus rhombeus</i>) as potential bioindicator	BBOC08
14:00-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-16:30	AMPARO TORREBLANCA AFONSO BAINY	Session 7: Oceans and human health (contamination, warming, acidification, global change)	16:00-16:15	Bainy ACD et al.	Combined effects of drastic pH changes and phenanthrene exposure at transcriptional level in the oyster <i>Crassostrea gasa</i>	OHOC01
			16:15-16:30	Ortiz-Zarragoitia M et al.	Do xenoestrogenic effects threaten fish species from the Bay of Biscay? A survey using vitellogenin transcription up-regulation and intersex condition.	OHOC02
16:30-18:00		Session 8: Soil and sediment pollution; soil microbioma alterations	16:30-16:45	Biel-Maeso M et al.	Sorption and degradation of contaminants of emerging concern (CECs) in soils under aerobic and anaerobic conditions	SSOC01
			16:45-17:00	Novo M et al.	Assessing the effects of Bisphenol A in earthworms: from life cycle to gene expression.	SSOC02
			17:00-17:15	Palma P et al.	Assessment of the environmental impact of an abandoned mine using an integrative approach: a case-study of the "Las Musas" mine (Badajoz, Spain)	SSOC03
			17:15-17:30	Rodríguez-Rastrero M et al.	Mercury pollution in alluvial soils: a case study in Nalón and Narcea basins (Asturias, Northern Spain)	SSOC05
			17:30-17:45	Urionabarrenetxea E et al.	Joint effect of temperature and cadmium in <i>Eisenia fetida</i> earthworms at different exposure times and biological complexity levels	SSOC06

8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Acto Inaugural
10:30-11:30	Conferencia Inaugural, Dr. Helmut Segner. The vertebrate immune system as a target of endocrine disrupting compounds
11:30-12:00	Coffee break

SALA DE SEMINARIOS

			Autor	Título	Código	
12:00-14:00	MARÍA-LUISA FERNÁNDEZ CRUZ DAVID HERNÁNDEZ-MORENO	Session 4: Nanomaterials, microplastics and emerging compounds	12:00-12:15	Cajaraville MP et al.	Nanomaterials and microplastics as carriers of persistent organic pollutants in the aquatic environment: development of tools for risk assessment based on alternative methods and model organisms	NMOC01
			12:15-12:30	González-Pleiter M et al.	Microplastics as vectors for microorganisms and antibiotic resistance genes in Arctic freshwater bodies	NMOC03
			12:30-12:45	Herrero O et al.	Genomic and genotoxic effects on <i>Chironomus riparius</i> larvae exposed to anionic and cationic G3 PAMAM dendrimers	NMOC04
			12:45-13:00	Leon V et al.	PAHs, pesticides and personal care products in plastic debris from Spanish Mediterranean beaches	NMOC05
			13:00-13:15	Martín-de-Lucía I et al.	Single and joint toxic effects of graphene oxide and wastewater on <i>Chlamydomonas reinhardtii</i>	NMOC06
			13:15-13:30	Pacheco A et al.	Chronic effects of microplastics and gold nanoparticles on <i>Daphnia magna</i>	NMOC07
			13:30-13:45	Pun A et al.	Removal of emerging pollutants through Microbial Electrogenic Technologies	NMOC08
14:00-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-17:00	ÓSCAR HERRERO MARCO VIGHI	Session 4: Nanomaterials, microplastics and emerging compounds	16:00-16:15	Soto M et al.	Towards an accurate toxicity assessment of Ag NPs with primary cultures of <i>Eisenia fetida</i> coelomocytes	NMOC09
			16:15-16:30	Tamayo-Belda M et al.	Nanoparticles produced from the degradation of polyhydroxybutyrate microplastics severely affect aquatic organisms	NMOC10
			16:30-16:45	Valhondo C et al.	Improvement of water quality regarding pathogens, inorganic nutrients and emerging compounds during artificial recharge through reactive barriers based on organic substrates	NMOC11
			16:45-17:00	Varó I et al.	Long-term effect of cationic amino-modified polystyrene nanoparticles in brine shrimp <i>Artemia franciscana</i> : physiological and biochemical responses	NMOC12
17:00-18:00		Session 2: How to address biological complexity: the -omics technologies	17:00-17:15	Fuertes I et al.	Effects of neuro-active pharmaceuticals on transcriptomic and lipidomic <i>Daphnia magna</i> responses	BCOC01
			17:15-17:30	Marqueño A et al.	Lipidomic analysis of wild fish from a highly impacted Mediterranean river affected by urban and industrial effluents	BCOC02
			17:30-17:45	Martínez R et al.	Dissection of toxic modes of action of PFOS by combining morphological, metabolomic and transcriptomic analyses	BCOC03
			17:45-18:00	Martínez-Guitarte JL et al.	Design of arrays for Real-Time PCR in invertebrates	BCOC04

8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Sesion Plenaria, Dra. Mónica Amorim. Hazards of nanomaterials in the environment: towards a systems toxicology approach

SALÓN DE ACTOS

			Autor	Título	Código	
10:30-11:30	FERNANDO TORRENT VÍCTOR LEÓN	Session 6: Aquaculture and the environment.	10:30-10:45	Bainy ACD et al.	Histological, molecular and biochemical responses in oysters <i>Crassostrea gasar</i> (ADANSON, 1757) exposed to pyrene and fluorene	AEOC01
			10:45-11:00	Muñoz-Solarte D et al.	Levels of total mercury in fish of commercial interest from an area impacted by artisanal gold mining in a region of southern Colombia	AEOC02
			11:00-11:15	Nandini S et al.	Toxicidad de florecimientos cianobacteriales en el embalse Valle de Bravo, México: un estudio con el rotífero <i>Brachionus calyciflorus</i> .	AEOC03
			11:15-11:30	Sánchez-Vergara A et al.	Total mercury levels in sediments, water and commercial fish species from a region of Southern Colombia impacted by artisanal and small-scale gold mining	AEOC04
11:30-12:00	Coffee Break					
12:00-14:00	MANU SOTO VÍCTOR LEÓN	Session 1: Biomarkers, biomonitoring and ecological risk.	12:00-12:15	Bonnail E et al.	Climate Change mitigation effects: How do potential CO2 leaks from a sub-seabed storage site in the Norwegian Shelf affect bivalves?	BBOC09
			12:15-12:30	dos Santos Carvalho C et al.,	Cholinesterase activity as potential biomarkers: Characterization in brain and muscle of bullfrog tadpoles after exposure to metals.	BBOC10
			12:30-12:45	Duarte IA et al.,	Biomarker responses of an estuarine fish following acute exposure to an antidepressant	BBOC11
			12:45-13:00	Echeverría R et al.	Socio-demographic, lifestyle and dietary determinants of cadmium concentrations in adipose tissue of an adult cohort	BBOC12
			13:00-13:15	Fernandez-Rubio J	Presencia de fármacos en biota marina: problema ambiental o problema para la salud humana. Caso de estudio en las Rias Baixas (no de España)	BBOC13
			13:15-13:30	Islam MA et al.	Spatial avoidance, potential of recolonization and population isolation in fish caused by copper exposure under a non-forced approach	BBOC14
			13:30-13:45	López-López E et al.	Bisphenol A effects on the DNA integrity and Foxl2 gene expression in adult gonads of viviparous fish <i>Goodea atripinnis</i> (Goodeidae)	BBOC15
			13:45-14:00	Arrebola JP et al.	Trace elements concentration in adipose tissue as potential predictive biomarkers of type-2 diabetes	BBOC16
14:00-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-18:00	Excursión					

8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Sesion Plenaria, Dra. Mónica Amorim. Hazards of nanomaterials in the environment: towards a systems toxicology approach

SALA DE SEMINARIOS

			Autor	Título	Código	
10:30-11:30	CARLOS BARATA ANA VALDEHITA	Session 3: Endocrine disrupters and obesogens	10:30-10:45	Pérez-Albaladejo E et al.	Comparative toxicity and alterations of PLHC-1 lipidome by plastic additives	EDOC01
			10:45-11:00	García-Herranz V et al.	Development of stably transfected cell lines with zebra fish thyroid hormone receptors alfa and beta for assessing endocrine disruption in environmental samples	EDOC02
			11:00-11:15	Mantilla-Aldana I et al.	Analysis of an Organophosphorus Flame Retardant (TCPP) effects on Sea Urchin <i>Paracentrotus lividus</i> by Proteomics	EDOC03
			11:15-11:30	Muñiz-González AB et al.	An approach to GlobalChange and pollution: Effects of Benzophenone-3 and temperature on gene expression of the aquatic organism <i>Chironomus riparius</i>	EDOC04
10:30-11:30	Coffee Break					
12:00-13:30	CINTA PORTE AZUCENA BERMEJO	Session 5: Animal replacement for an efficient environmental assessment	12:00-12:15	Bermejo A et al.	Functional characterization of rainbow trout (<i>Oncorhynchus mykiss</i>) 3D-spheroidal aggregates culture for environmental toxicity testing	AROC01
			12:15-12:30	Bernabeu A et al.	Generation of "mini-brains" from pluripotent stem cells to study developmental neurotoxicity.	AROC02
			12:30-12:45	Goya E et al.	Desarrollo de métodos computacionales para la evaluación de la ecotoxicidad de biocidas: el proyecto LIFE-COMBASE	AROC03
			12:45-13:00	Hernández-Moreno D et al.	Estudios in vitro-in vivo para determinar la toxicidad aguda de biocidas y/o sus metabolitos en peces	AROC04
			13:00-13:15	Katsumiti A et al.	In vitro toxicity testing in hemocytes of the marine mussel <i>Mytilus galloprovincialis</i> (L.) to uncover mechanisms of toxicity of the WAF of a naphthenic North Sea crude oil with and without dispersant	AROC05
			13:15-13:30	Palmer C et al.	Pluripotent stem cells and 3D midbrain organoids as models for Dopaminergic Neurons and the study of environmental toxins associated to Parkinson's Disease	AROC06
14:00-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-18:00	Excursión					

8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Sesion Plenaria, Dra. Amparo Torreblanca. Ecophysiology, ecotoxicology and somewhere in between

SALÓN DE ACTOS

			Autor	Título	Código	
10:30-13:15	MAREN ORTIZ-ZARRAGOITIA JOSÉ LUIS MARTÍNEZ GUITARTE	Session 1: Biomarkers, biomonitoring and ecological risk.	10:30-10:45	Bainy ACD et al.	Gonadal development, molecular and biochemical responses in oysters <i>Crassostrea gigas</i> (THUNBERG, 1793) exposed to pyrene and fluorene	BBOC17
			10:45-11:00	Moreno-Ocio I et al.	Effective body residues of As, Cu, Hg, and Se in freshwater macroinvertebrate communities: implications for ecological risk assessment of the Cauxa River	BBOC18
			11:00-11:15	Planelló R et al.	Toxic effects of methyl ketones in the insect model species <i>Chironomus riparius</i> : potential alternatives to synthetic insecticides?	BBOC19
			11:15-11:30	Pontes JRS et al.	Influence of previous acclimation to copper on the magnitude of the spatial avoidance by zebra fish under a contamination gradient scenario	BBOC20
11:30-12:00	Coffee Break					
12:00-13:15						
		12:00-12:15	Ramos JJ et al.	Polybrominated diphenyl ethers levels in a representative sample of the spanish adult population: the bioambient.Es project	BBOC21	
		12:15-12:30	Rioboo C et al.	Programmed cell death as a relevant toxicological target for environmental monitoring: focus on the freshwater microalga <i>Chlamydomonas reinhardtii</i> exposed to the emerging pollutant ibuprofen	BBOC22	
		12:30-12:45	Sampaio A et al.	Fungi densities, and yeast diversity in streams with different degrees of pollution, within Douro river basin (NE, Portugal)	BBOC23	
		12:45-13:00	Vera-Vera V et al.	Dinámica de metapoblación en camarones (<i>Atyaephyra desmarestii</i>) expuestos a escenarios heterogéneos de contaminación	BBOC24	
		13:00-13:15	Vicente E et al.	Remote sensing of cyanobacterial blooms in a hypertrophic lagoon (Albufera de Valencia) using multitemporal Sentinel-2 images	BBOC25	
13:15-14:15	Asamblea SICTA					
14:15-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-16:30	ANA MARTIN LUISA EUGENIA CASTILLO	Session 10: Remediation. Bioremediation	16:00-16:15	Ferreira F et al.	Exploring deep sea microorganisms for bioremediation technologies	RBOC01
			16:15-16:30	Posada-Baquero R et al.	Evolution of Bioavailability of PAHs during Bioremediation of polluted soils	RBOC02
16:30-17:45						
	Session 13: Meta(loid) ecotoxicology and environmental safety	16:30-16:45	Romero I et al.	Selenium cytotoxicity on <i>Tetrahymena thermophila</i> : new clues about its biological effects and cellular resistance mechanisms	MEOC01	
		16:45-17:00	Fracácio R et al.	Toxicity of arsenic and cobalt for <i>Ceriodaphnia dubia</i> in the presence of aquatic humic substances	MEOC02	
		17:00-17:15	Hernández LE et al.	Distinctive oxidative stress profile induced by As, Hg and Cd in <i>Chlamydomonas reinhardtii</i> as a means of selecting toxicity biomarkers	MEOC03	
		17:15-17:30	Peña-Fernández A et al.	Evaluating human risks to less frequently regulated and monitored metals and metalloids in urban soils	MEOC04	
17:30-17:45		Blasco J et al.	Individual and mixture effects of Cd and Se in the peppery furrow shell <i>Scrobicularia plana</i>	MEOC05		
18:00-18:30	Clausura					

8:30-9:30	Recepción y Recogida de Material
9:30-10:30	Sesion Plenaria, Dra. Amparo Torreblanca. Ecophysiology, ecotoxicology and somewhere in between

SALA DE SEMINARIOS

				<i>Autor</i>	<i>Título</i>	<i>Código</i>
10:30-11:30	JULIÁN BLASCO SANDRA MARIZA MONTEIRO	Session 11: Environmental chemistry and exposure assessment (analysis, monitoring, fate and modeling)	10:30-10:45	Ramírez-Herrera DI et al.	Hidrocarburos en aguas profundas del Golfo de México: Asignación tentativa de fuentes	ECOC01
10:45-11:00			Silva L et al.	SSRIs antidepressants contamination map of the Portuguese aquatic environment	ECOC02	
11:00-11:15			Vighi M et al.	Presence of organic contaminants in rivers from the Upper Tagus watershed (Central Spain)	ECOC03	
11:15-11:30		Session 9: Atmospheric pollution	11:15-11:30	Galán-Madruga D et al.	Determinación de los niveles de hidrocarburos aromáticos policíclicos (HAP) en el aire ambiente de Madrid y su toxicidad mediante bioensayo de embriones de pez cebra	APOC01
11:30-12:00	Coffee Break					
12:00-13:15		Session 12: Hazard assessment of chemical and mixtures	12:00-12:15	Sousa RM et al.	Toxicological assessment of vinasse from distillation of winemaking by-products: a multi-species approach	HAOC01
			12:15-12:30	de Miguel L et al.	Toxicity to sea urchin embryos of WAFs produced at different temperatures with crude oils alone and mixed with dispersant	HAOC02
			12:30-12:45	Faria M et al.	Development and prevalidation of a zebrafish assay for identifying chemicals impairing the non-associative learning	HAOC03
			12:45-13:00	Pereira A et al.	Risk assessment of human pharmaceuticals in the Portuguese aquatic environment	HAOC04
			13:00-13:15	Muñoz-Solate DM et al.	Evaluation of occupational risk in artisanal mining entables of the municipality of Suárez (Cauca)	HAOC05
13:15-14:15	Asamblea SICTA					
14:15-15:00	Comida					
15:00-16:00	Sesión de Posters					
16:00-18:00	ANA SAMPAIO NANDINI SARMA	Session 12: Hazard assessment of chemical and mixtures	16:00-16:15	Ruepert C et al.	A Risk posed by pesticides to the biodiversity of the Laguna Madre de Dios wetland in the Costa Rican Caribbean	HAOC06
			16:15-16:30	Raldúa D et al.	Acrylamide acute neurotoxicity in adult zebrafish	HAOC07
			16:30-16:45	Rico A et al.	Effects of imidacloprid and a neonicotinoid mixture on aquatic invertebrate communities under Mediterranean conditions	HAOC08
			16:45-17:00	Sandoval L et al.	Effects of Chlorpyrifos on cell death, proliferation and cellular phenotypic specification of human neural stem cells to identify possible alterations in neurodevelopment	HAOC09
			17:00-17:15	Sarma SSS et al.	Crecimiento poblacional <i>Platonus patulus</i> (Rotifera) en presencia del antibiótico de amplio espectro, tetraciclina.	HAOC10
			17:15-17:30	Barata C et al.	Using high-throughput image analysis to assess motility changes of Daphnia magna individuals exposed to psychiatric drugs.	HAOC11
			17:30-17:45	Zuriaga E et al.	QSAR modelling for predicting the toxic effect towards Danio rerio biomodel on traditional solvents and derived from biomass	HAOC12
			17:45-18:00	Muñoz-Solate DM et al.	Evaluación preliminar de riesgo ambiental y ocupacional a plaguicidas inhibidores de acerilcolinesterasa (PIC) utilizados en cultivos de papa en Gabriel López (Totoró - Cauca)	HAOC13
18:00-18:30	Clausura					

SESIÓN DE POSTERS

	<i>Autor</i>	<i>Título</i>	<i>Código</i>
Session 1: Biomarkers, biomonitoring and ecological risk.	Duarte IA et al.	Effects of pharmaceuticals in estuarine fish: the BIOPHARMA project	BBP01
	Fracácio R et al.	Integrated aspects of the ecotoxicity of the dye Tartrazine with its natural degradation and post-bioremediation by fungi, using the test organism <i>Danio rerio</i> .	BBP03
	Gómez-Garay A et al.	Medicago arborea plantlets growing in the presence of nanoceria: main physiological and molecular changes	BBP04
	González-Pleiter M et al.	Ecotoxicity assessment of microcystins in freshwater samples using a recombinant bioluminescent cyanobacterium	BBP05
	Hernández-Moreno D et al.	Concentraciones de PCBs en tejido adiposo de <i>Larus michahellis</i> en España: influencia de sexo y edad	BBP06
	López-López E b et al.	Biomarcadores de Daño Temprano Evaluados en <i>Corydalis cornutus</i> (Linnaeus, 1758); del Río Bobos-Nautla, México para Evaluar el Estado de Salud del Ecosistema	BBP07
	López-López E et al.	Metals and oxidative stress in liver of the Coot <i>Fulica americana</i> (Gruiformes: Rallidae) in two wetlands of the Basin of México	BBP08
	Martín-Sanz JP et al.	Estequiometry of enzyme activities in calcareous soils under different agricultural uses	BBP09
	Moschini-Carlos V et al.	Cyanobacteria and cyanotoxin in subtropical reservoirs (São Paulo, Brazil)	BBP10
	Novaes GC et al.	Ecotoxicity of nickel in the aquatic environment: histological biomarkers	BBP11
	Oropesa AL et al.	Characterization of cholinesterase in plasma from Griffon vulture (<i>Gyps fulvus</i>) and its application as an environmental biomarker of exposure to carbamate pesticides.	BBP12
	Oropesa AL et al.	An approach to the environmental risk to wildlife and livestock of an abandoned lead mine (South-West of Spain).	BBP13
	Peña-Fernández A et al.	Concentrations of alkaline earth elements in hair of a sample of Spanish adults aged 20-24 years from the Region of Madrid	BBP14
	Planelló R et al.	Differential responses to polluted environments in <i>Chironomus riparius</i> larvae: a case study in a natural scenario	BBP15
	Sánchez-Hernández JC et al.	Sublethal effects of biochar on earthworm behaviour, digestive enzymes and biomarkers of oxidative stress	BBP16
	Sedeno-Díaz JE et al.	Metales pesados en sedimentos superficiales del antiguo Lago de Texcoco, México	BBP17
	Valcárcel Y et al.	ESAR-Net - a Spanish network for exploring the epidemiological applications of wastewater analysis	BBP18
	Vighi M et al.	Combined effects of increased temperature, drought and an insecticide on freshwater zooplankton communities	BBP19
	Zaldibar B et al.	Determination of the effects exerted by two standard soils (OECD and LUFA 2.3) in the earthworm <i>Eisenia fetida</i> at cell and tissue level.	BBP20
	Session 2: How to address biological complexity: the -omics technologies	dos Santos Machado I et al.	Dominance of <i>Cylindrospermopsis raciborskii</i> in a subtropical reservoir and the potential risk of increased toxicity in the environment
Magaña C et al.		Resistance to anticoagulant rodenticides in populations of <i>Rattus rattus</i> , <i>Rattus norvegicus</i> and <i>Mus musculus</i> in Spain	BCP03
Márquez-Lázaro J et al.		Oxytetracycline and doxycycline induces protein carbonylation <i>in vitro</i> on bovine meat	BCP04
Marrugo-Padilla A et al.		β -lactams and tetracyclines monitorizing in commercial milk from Cartagena de Indias and evaluation of their oxidative stress at the proteomic level	BCP05
Méndez-Cuadro D et al.		In vitro carbonylation induced by enrofloxacin and danofloxacin to MRL concentrations in meat proteins	BCP06
Rodríguez E et al.		Determination of fluoroquinolones in milk and evaluation of the in vitro oxidative effect at the proteomic level	BCP07
Session 3: Endocrine disruptors and obesogens		Martínez-Paz P et al.	Does the temperature affect to the toxicity of the chemical compound bisphenol A (BPA)? Effects of BPA in combination with thermal stress in <i>Chironomus riparius</i> larvae
	Pérez-Albaladejo E et al.	Dibutyl phthalate (DBP) promotes triacylglyceride accumulation in two different cell models	EDP02
	Samapaio A et al.	Impact of endocrine-disrupting chemicals in amphibians	EDP03

SESIÓN DE POSTERS

	<i>Autor</i>	<i>Título</i>	<i>Código</i>
Session 4: Nanomaterials, microplastics and emerging compounds	Ballesteros A et al.	Toxicological profile assessment of ENMs most widely used on main industrial sectors	NMP01
	Fernandes AM et al.	Colonization of microplastics by pathogenic fish bacteria: studies with <i>Photobacterium damsela piscicida</i> and <i>Tenacibaculum maritimum</i>	NMP02
	Fernández MD et al.	Effects of soil aging of coated and uncoated ZnO nanoparticles on their fate and toxicity to the aquatic organisms (<i>Chlorella vulgaris</i> and RTG-2 cell line fish)	NMP03
	Fernández-Cruz ML et al.	Toxicidad aguda causada por la co-exposición a nanopartículas de Zn y Cu en trucha arcoíris	NMP04
	Garcerá MD et al.	Oncopeltus fasciatus as a model for the study of the effects of exposure to nanoparticles	NMP05
	García-Gómez C et al.	Joint effects of zinc oxide nanoparticles and chlorpyrifos on reproduction and biomarkers of oxidative stress in the earthworm <i>Eisenia andrei</i>	NMP06
	González-Pleiter M et al.	Plastics as vectors of antibiotics: Toxicity of azithromycin and clarithromycin released from plastic microbeads towards a freshwater photosynthetic organism	NMP07
	Kalman J et al.	Grouping of nanomaterials as a previous step for safe by design, registration, and risk assessment: an approach based on ecotoxicity data in H2020 project NanoReg2	NMP08
	Monteiro SM et al.	Environmental macro, micro and nanoplastics pollution: direct impacts and Trojan horse effect	NMP09
	Parra S et al.	Toxicity of microplastics, cadmium and their mixtures on Asian clam <i>Corbicula fluminea</i>	NMP10
	Pro J et al.	Triclosan effects on growth and reproduction in the aquatic plant Lemna minor	NMP11
	Rodrigues S et al.	Microplastics contamination in an urban estuary: interactions between microplastics and ichthyoplankton in the Douro estuary	NMP12
	Santos D et al.	Developmental toxicity of microplastics and copper, alone and in mixture, in zebrafish	NMP13
	Sendra M et al.	Phylogenetic distribution of sensitivity to erythromycin across different marine phytoplankton taxa	NMP14
	Varó I et al.	Impact of Carboxylated Polystyrene Nanoplastics on some physiological and biochemical aspects of <i>Artemia parthenogenetica</i>	NMP15
	Vighi M et al.	Microplastics in wastewater and freshwaters: a case-study in the Henares river watershed (Central Spain)	NMP16
	Vitale D et al.	Carbamazepine exposure in the sea anemones Anemonia sulcata and	NMP17
Session 6: Aquaculture and the environment.	<i>Autor</i>	<i>Título</i>	<i>Código</i>
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	Rico A et al.	Effects of aquaculture antibiotics on marine biofilms and on the amphipod <i>Gammarus aequicauda</i>	AEP02
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Session 8: Soil and sediment pollution; soil microbioma alterations	<i>Autor</i>	<i>Título</i>	<i>Código</i>
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	García-Gonzalo P et al.	Behaviour of rhizobacterial communities of wheat and barley cultivars in response to As-polluted soils amended with compost	SSP03
	Pino MR et al.	Ecotoxicity in the soil ecosystem of the biopesticide obtained from the <i>Lavandula luisieri</i> hydrolate	SSP04
Peña-Fernández A et al.	Presence and distribution of microsporidia, emerging human pathogens, in an English urban environment	SSP05	
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	Higueras P et al.	Evaluation of the use of vegetable tissues of Platanus hispanica L. as a biomonitor of gaseous and particulate atmospheric mercury.	APP01
	Pérez R et al.	Valorization of methane emissions into high added value products: Assessing the effect of temperature on PHA production.	APP02
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	Escolano O et al.	Monitoring of a hydrocarbon contaminated site during ISCO treatment	RBP02
	Gil-Díaz M et al.	Efectiveness of a nanoremediation strategy to immobilize Cu and Ni in an acidic soil	RBP03
	Gil-Díaz M et al.	Iron nanoparticles for mercury immobilization in water samples	RBP04
	Guirado M et al.	Hydrocarbon soil decontamination by combination of phytoremediation and bioremediation techniques	RBP05
	Madrid F et al.	Influence of cyclodextrins on mobility of Polycyclic Aromatic Hydrocarbons in a contaminated soil with Potentially Toxic Elements	RBP06
	Madrid F et al.	Naturally and Assisted dissipation of PAHs in a long-term co-contaminated soil with Creosote and Potentially Toxic Elements	RBP07
	Palma P et al.	Remediation of soils degraded by mining activities using wastes from the pulp and paper industry: Evaluation of chemical and ecotoxicological effects	RBP08
	Palma TL et al.	Screening of bacterial communities for paracetamol biodegradation	RBP09
	Rioboo C et al.	An eco-friendly approach for biosorption of Oxytetracycline and Ibuprofen from the seawater using biomass of the microalga <i>Phaeodactylum tricornutum</i>	RBP10
	Sánchez-Hernández JC et al.	Synergistic effects of biochar and earthworms promote soil quality by increasing extracellular enzyme activities	RBP11
Session 11: Environmental chemistry and exposure assessment (analysis, monitoring, fate and modeling)	Campo JA et al.	Naturally occurring naphthoquinones vs pesticides: A comparative study	ECP02
	da Silva Montes C et al.	Protective effects of Dissolved Organic Matter (DOM) in short-term exposure of piranhas (<i>Serrasalmus rhombeus</i>) to Cu and Cd in Rio Negro river water	ECP03
	Higuera P et al.	Do the different species of spontaneous vegetation reflect the contamination of heavy metals in the mining area of San Quintín (Ciudad Real, Spain)?	ECP04
	Higuera P et al.	Mercury exchange in the interface soil-plant-atmosphere. Is mercury plant uptake a reversible or non-reversible process?	ECP05
	Rivera S et al.	Assessment of transport and transformations of mercury entering in a soil-plant experiment via watering.	ECP06
	Rocha MJ et al.	Pesticides in water and surface sediments from Douro River estuary (Portugal) - assessment of environmentally relevant mixtures using acute toxicity bioassays	ECP07
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Andreu-Sánchez O et al.		LIFE-COMBASE PROJECT: Ecotoxicity of biocides for WWTP microorganisms	HAP02
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Martínez-Páramo S et al.		Determination of ecotoxicity of individual and binary mixtures of pharmaceutical and personal care products (PPCPs) by bioluminescence tests on <i>Vibrio fischeri</i> bacteria	HAP09
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	Fernandes AM et al.	Impact of copper exposure on metabolic parameters, serum antioxidants status and innate humoral immune parameters of gilthead seabream (Sparus aurata L.)	MEP04
	Fernandes AM et al.	Evaluation of waterborne exposure effects to heavy metals on the expression of immune-related genes in gilthead seabream (Sparus aurata L.)	MEP05
	Gómez-Garay A et al.	Compatibility of Biological Control Agents With Copper and Sulfur for Control of Fungal Pathogens in Vineyard	MEP06
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