



DAY	SUNDAY 26 MAY 2024	
Room	Auditorium 450	Mezzanine
14:00 - 17:30		Registration
17:30 - 19:00	Opening ceremony	
19:00 - 21:00		Welcome cocktail

DAY		MONDAY 27 MAY 2024	
Room	Auditorium 450	Salle 200	Salle GH
09:00 - 10:30	Biotransformation pathways and mode of action (MoA) of chemical pollutants - part 1	New approach methodologies (NAMs) to assess pollutant toxicity	
09:00 - 09:15	2131 Flavin-containing Monooxygenases The other xenobiotic metabolizing enzymes SCHLENK Daniel <i>Department of Environmental Sciences, University of California Riverside, USA</i>	1771 A Cell Line-Based RNA- and RIBOseq Approach Towards Understanding Chemically Induced Growth Inhibition in Fish MOSIMANN Sven Lukas <i>Eawag: Swiss Federal Institute of Aquatic Science and Technology</i>	
09:15 - 09:30	2880 Massive gene loss and the making of xenobiotic-induced responses in Cetacea OLIVEIRA Diogo <i>CIIMAR Interdisciplinary Centre of Marine and Environmental Research of University of Porto</i>	1819 Characterization of zebrafish liver spheroids: insights into 3D cell culture responses to toxicants PORTE Cinta <i>IDAEA -CSIC</i>	
09:30 - 09:45	2963 High throughput screening of a chemical library for zebrafish CYP1A and CYP2Y3 substrates WILSON Joanna <i>McMaster University</i>	2697 A new generation of cell-based approaches in acute toxicity determination rely on subcellular responses to sewage effluents YITENG Xia <i>City University of Hong Kong</i>	
09:45 - 10:00	4433 Intergenerational effects of bis(2-ethylhexyl) phthalate in Danio rerio: evaluation of histone modifications on testis and its role on transcriptomic changes in F1 embryos ALVES Néison <i>CIIMAR Interdisciplinary Centre of Marine and Environmental Research, University of Porto</i>	1887 Assessment of transactivation potencies of killer whale (<i>Orcinus orca</i>) estrogen receptor alpha (ERα) by DDTs using in vitro and in silico approaches ROBLEDO Dave Arthur <i>Center for Marine Environmental Studies</i>	
10:00 - 10:15	4435 Investigation of gene-environment interactions in medaka and identification of genes that influence individual pollutant responses WATSON Philip <i>Centre for Organismal Studies, Heidelberg University, Germany</i>	2832 The importance of physioxia to in vitro research using marine cell models MELLO Danielle <i>LEMAR - UMR 6539, Univ Brest, Ifremer, CNRS, IRD</i>	
10:15 - 10:30	1740 Exploring fluoxetine bioaccumulation, metabolization and mode of action in Mediterranean mussels through omics LEMAIRE Etienne <i>Hydrosciences Montpellier</i>	4226 Validation and Ecotoxicology Applications of a 3D Culture Model for Primary Hepatocytes of Brown Trout MADUREIRA Tânia <i>Team of Animal Morphology and Toxicology, Interdisciplinary Centre of Marine and Environmental Research, University of Porto</i>	
10:30 - 11:00	Coffee break / Posters sessions <i>Mezzanine</i>		
11:00 - 12:15	Biotransformation pathways and mode of action (MoA) of chemical pollutants - part 1	New approach methodologies (NAMs) to assess pollutant toxicity	
11:00 - 11:15	1876 Gene expression profiling and 16S rRNA microbiome characterization to determine the effects of ibuprofen and paroxetine on the mussel <i>M. galloprovincialis</i> EL IDRISSE Ouafa <i>UMR CNRS 6134 Sciences pour l'Environnement, Università di Corsica Pasquale Paoli</i>	4436 PrecisionTox: Using phylogenetic relationships to predict interspecies differences in toxicity pathways SHAW Joseph <i>Indiana University</i>	
11:15 - 11:30	1949 Mechanisms of action of antidepressants in non target marine species: a case study with Fluoxetine in <i>Mytilus galloprovincialis</i> BALBI Teresa <i>University of Genova</i>	2897 Development of a new cell culture model for ecotoxicological studies in marine bivalves Morgane LE NOC <i>IUEM-LEMAR UMR 6539</i>	
11:30 - 11:45	1847 The influence of temperature on the effects of lead and lithium in <i>Mytilus galloprovincialis</i> through biochemical, cell and tissue levels: Comparison between mono and multi-element exposures FREITAS Rosa <i>University of Aveiro</i>	1776 Integration of RNA-seq and 16S analyses to detect molecular effects of pharmaceuticals on the non-target species <i>M. galloprovincialis</i> BERNARDINI Ilaria <i>Department of Comparative Biomedicine and Food Science, Università di Padova, Legnaro</i>	
11:45 - 12:00	2818 Effects of diclofenac treatment on zebrafish Oatp1d1 mutants MIHALJEVIC Ivan <i>Laboratory for Molecular Ecotoxicology, Division for Marine and Environmental Research, Ruđer Bošković Institute, Croatia</i>	1793 Modeling Azole Fungicides' Endocrine Disruption: A Physiologically Based Kinetic Model of the Hypothalamus-Pituitary-Gonads Axis (PBK- TD) in Zebrafish LY Tu-Ky <i>Toxicologie expérimentale et modélisation TEAM, Ineris, Verneuil-en- Halatte, France</i>	

12:00 - 12:15	<p>2328 Toxicity and speciation of inorganic arsenics and their adverse effects on in vivo endpoints and oxidative stress in the marine medaka <i>Oryzias melastigma</i> BYEON Eunjin <i>Sungkyunkwan University</i></p>	<p>2814 Effects of chemicals on intestinal CYP3A65 expression in transgenic tg(cyp3a65:GFP) zebrafish embryo ERRADHOUANI Chedi <i>INERIS - Université Paris-Cité</i></p>	
12:15 - 14:00	<p>Lunch buffet R2</p>		
14:00 - 15:30	<p>Biotransformation pathways and mode of action (MoA) of chemical pollutants - part 2</p>	<p>Particles, fibres, plastics and their additives - part 1</p>	<p>EDCs & Neuroendocrine Effects</p>
14:00 - 14:15	<p>3040 Oxidative stress, biotransformation responses and bioaccumulation of polycyclic aromatic hydrocarbons in tropical estuarine food webs - Cross River Estuary, Nigeria ARUKWE Augustine <i>Norwegian University of Science and Technology</i></p>	<p>1951 The Mediterranean mussel <i>Mytilus galloprovincialis</i> as a potential bioindicator of microplastic pollution WOLINSKI Adèle <i>Sorbonne Université, CNRS, Laboratoire d'Écogéochimie des Environnements Benthiques</i></p>	<p>1822 Estradiol-17β and bisphenol A differentially affect growth and mineralization at early life stages of seabass FARCY Emilie <i>Marine Biodiversity, Exploitation and Conservation, MARBEC, University of Montpellier, France</i></p>
14:15 - 14:30	<p>4401 Cytochrome P450 Genes in Giant Viruses: Functional, Environmental, and Evolutionary Questions STEGEMAN John <i>Biology Department, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, USA</i></p>	<p>2834 Analysis of rubber-derived contaminants in surface water by liquid chromatography hybrid linear ion-trap-Orbitrap high-resolution mass spectrometry ANQUETIN Julie <i>ULCO et ISMER-UQAR</i></p>	<p>2066 Estrogen immunomodulation in teleosts: Comparative assessment of 17α-ethinylestradiol and estetrol on immune parameters of juvenile zebrafish (<i>Danio rerio</i>) BURATTIN Laura <i>University of Namur</i></p>
14:30 - 14:45	<p>2636 Induction of biotransformation enzymes in 3 trout species exposed to tire rubber particles VAN DEN HURK Peter <i>Clemson University</i></p>	<p>2659 Microplastics and Plasticizers in Estonian Wastewater Treatment Plants AYANKUNLE Ayankoya Yemi <i>Tallin University of Technology TalTech</i></p>	<p>2767 Biological effects in fathead minnows exposed to per- and polyfluorinated chemicals DENSLow Nancy <i>University of Florida</i></p>
14:45 - 15:00	<p>2828 Molecular toxicity pathways and behavioral alterations induced by per- and polyfluoroalkyls (PFASs) in <i>Scrobicularia plana</i> CHIRAYATH SUDHEER Gayathri <i>UR 2160 - ISOMer</i></p>	<p>2823 The neglected impact of sedimentable metallurgical atmospheric particulate matter on coastal zones: Bioaccumulation and effects on mangrove crabs PACO Marina de Souza <i>Federal University of São Paulo</i></p>	<p>2101 Deleterious effects of exposure of rainbow trout embryos and larvae to sodium fluoride - the project SUSPECT PANNETIER Pauline <i>VIMEP Unit, Ploufragan-Plouzané-Niort Laboratory, France and EPOC Laboratory, UMR CNRS 5805, University of Bordeaux, France</i></p>
15:00 - 15:15	<p>1789 Effects of the benzophenone-3 on molecular biomarkers and nuclear receptors in the oyster <i>Crassostrea gigas</i> SALDAÑA-SERRANO Miguel <i>Federal University of Santa Catarina</i></p>	<p>1817 Investigating the impact of nanoplastic pollution in commercially important fish under laboratory conditions BLONC Manuel <i>Universitat Autònoma de Barcelona</i></p>	<p>1761 Investigating the Influence of Ethinylestradiol and Estetrol on Zebrafish Metamorphosis: A Comparative Approach LEROUX Nathalie <i>Research Unit in Environmental and Evolutionary Biology</i></p>
15:15 - 15:30	<p>1950 Crude oil triggers invertebrate planktonic larvae to undergo rapid metamorphosis ALMEDA Rodrigo <i>University of Las Palmas de Gran Canaria</i></p>	<p>1773 Sympathy for the Plastic: Leachates Fueling <i>Oxyrrhis marina</i> Growth LEDU-CARREE Jessy <i>University of Las Palmas de Gran Canaria, Spain</i></p>	<p>4358 Oocytes "For a Few ribosomes More" "The Small, the Non-Coding, and the Ugly" in xenoestrogenic waters CANCIO Ibon <i>University of the Basque Country</i></p>
15:30 - 16:00	<p>Coffee break / Posters sessions Mezzanine</p>		
16:00 - 17:30	<p>Mixture effects of pollutants</p>	<p>Particles, fibres, plastics and their additives - part 1</p>	<p>EDCs & Neuroendocrine Effects</p>
16:00 - 16:15	<p>1497 Gender differentiating effects of a mixture of emerging contaminant in the Mediterranean mussel <i>Mytilus galloprovincialis</i>. BEBIANNO Maria João <i>Centre for Marine and Environmental Research, University of Algarve</i></p>	<p>1786 Currents of Contamination: Navigating the Microbial Seascape of Kuroshio's Microplastic Plastisphere MUTHU Priyanka <i>National Taiwan Ocean University</i></p>	<p>2364 Endocrine disruption via nuclear receptors in mollusks: a case study with the Mediterranean mussel <i>Mytilus galloprovincialis</i> MIGLIOLI Angelica <i>Institut de la Mer de Villefranche-sur-Mer, France</i></p>
16:15 - 16:30	<p>1609 Mixture effects of pharmaceuticals carbamazepine, diclofenac and venlafaxine on <i>M. galloprovincialis</i> probed by metabolomics and proteogenomics combined approach COURANT Frédérique <i>HydroSciences Montpellier, IRD, CNRS, University of Montpellier, France</i></p>	<p>1759 Organophosphate ester plastic additives and microbial communities in marine sediments: a complex relationship CASTRO JIMÉNEZ Javier <i>IFREMER, CCEM Contamination Chimique des Écosystèmes Marins</i></p>	<p>2601 Mechanistic Investigation of the effects of Vertebrate Steroid Hormones on Sex Reversal and Differentiation in Blue Mussels POYNTON Helen <i>University of Massachusetts Boston</i></p>
16:30 - 16:45	<p>1901 Interactive biological responses modulate the toxicity of pharmaceuticals mixtures MEZZELANI Marica <i>Department of Life and Environmental Sciences, Università Politecnica delle Marche, Ancona, Italy</i></p>	<p>1849 Unraveling the Impacts of Microplastics and their Additives in Marine Ecosystems GOMES Tânia <i>Norwegian Institute for Water Research</i></p>	<p>2819 Amphipod Nuclear Receptors: Underexplored tools for endocrine disruption assessment SOUSA João <i>CIIMAR Interdisciplinary Centre of Marine and Environmental Research of University of Porto</i></p>
16:45 - 17:00	<p>2600 Mixture Effects of Per- and Polyfluoroalkyl Substances on Embryonic and Larval Sheepshead Minnows (<i>Cyprinodon variegatus</i>) TANABE Philip <i>National Oceanic and Atmospheric Administration</i></p>	<p>2665 Phototransformation of Microplastics Derived from Sunscreen and Their Mixture Effect with ZnO Nanoparticles SUN Anqi <i>City University of Hong Kong</i></p>	<p>2848 Endocrine disrupting antidepressants KNIGGE Thomas <i>UMR-I 02 Stress Environnementaux et BIODurveillance des milieux aquatiques</i></p>

17:00 - 17:15	<p>4361 Impaired metabolism of a common isothiazolinone biocide in the presence of a the CYP inhibitor clotrimazole in a fish liver cell line (PLHC-1) CELANDER Malin <i>University of Gothenburg</i></p>	<p>2785 Is replacing Bisphenol A with Bisphenol analogues an environmentally friendly decision? MILLIKEN Paula <i>Centre for Environment, Fisheries and Aquaculture Science</i></p>	<p>4440 Effects of antibiotics and benzophenone-3 on the metabolism and behavior of the European seabass (<i>Dicentrarchus labrax</i>) SOLOPERTO Sofia <i>Université Le Havre-Normandie</i></p>
17:15 - 17:30	<p>1904 An in vitro approach to assess the cellular effects of several therapeutic classes of pharmaceuticals as single compounds and mixtures PANNI Michela <i>Department of Life and Environmental Sciences, Università Politecnica delle Marche, Ancona, Italy</i></p>	<p>1820 Tyre-driven ecotoxicity: differentiating the effects from particles and leachates to <i>Mytilus edulis</i> MICHELANGELI Maria Elisabetta <i>Norwegian Institute for Water Research</i></p>	<p>2857 Interests and constraints towards unravelling endocrine disruptors mechanisms using dose-response transcriptomic data: application to the impact of di-n-butyl phthalate on zebrafish BRANKLIN Elis <i>Université de Lorraine, CNRS, LIEC, F-57000 Metz, FRANCE</i></p>
17:30 - 18:30	<p>Posters sessions <i>Mezzanine</i></p>		
19:00 - 23:00	<p>Social event - Concert: TRIO COVER <i>Mezzanine</i></p>		

DAY		TUESDAY 28 MAY 2024	
Room	Auditorium 450	Salle 200	Salle GH
09:00 - 10:30	Chemical exposome and non-target screening approaches	Microorganisms as target and vector for chemical pollutants	
09:00 - 09:15	1909 Identification of bioaccumulative emerging PFAS in bivalves by suspect and nontarget screening SERRE Ninon <i>CCEM - Chemical Contamination of Marine Ecosystems, Ifremer, Nantes, France</i>	2073 Effects of pharmaceuticals on marine phytoplankton and role of phytoplankton on pharmaceutical's fate CHELONI Giulia <i>UMR MARBEC, Univ. Montpellier, CNRS, IFREMER, IRD, Sète, France</i>	
09:15 - 09:30	2041 DNA adductomics: Toward applications in biological effect assessment and environmental monitoring GOROKHOVA Elena <i>Stockholm University</i>	4407 Metal impacts on deep-sea microbial N2O metabolism and diversity SEMEDO Miguel <i>CIIMAR - University of Porto</i>	
09:30 - 09:45	2700 Chemical eco-exposome in the Western Mediterranean Sea: a non-targeted study of contaminants of emerging concern in two bathing areas of the Côte Vermeille PERION Theo <i>Sorbonne Université, CNRS, Laboratoire de Biodiversité et Biotechnologie Microbienne, UAR 3579, Observatoire Océanologique, Banyuls-sur-Mer</i>	1702 Contaminants from dredged sediments alter the transcriptome of Manila clam and induce shifts in microbiota composition MILAN Massimo <i>University of Padova</i>	
09:45 - 10:00	2813 First application of exposomics and metabolomics to detect impact of multiple anthropogenic stressors in two fin whale (<i>Balaenoptera physalus</i>) populations FOSSI Maria Cristina <i>University of Siena, Italy; NBFC, National Biodiversity Future Center, Italy</i>	2833 Microbial Mediation of the Embryonic Transcriptome: Impacts on Critical Developmental Pathways and the Chemical Stress Response GREEN Emily <i>Nicholas School of the Environment, Duke University</i>	
10:00 - 10:15	2672 Expanding the scope of stable isotope analysis to unravel chemical exposure effects ALURRALDE Gastón <i>Department of Environmental Science, Stockholm University / Baltic Marine Environment Protection Commission, HELCOM</i>	2846 Effects of Polystyrene Nanoplastic Particles on Benthic Microbial Communities GIROUX Marissa <i>U.S. EPA, Office of Research and Development, Atlantic Coastal Environmental Sciences Division, Narragansett, RI</i>	
10:15 - 10:30	4374 Isotopic ratios of lead and zinc in sediments and fish from three French estuaries: identification of metal anthropogenic signatures and their transfer patterns ARAUJO Daniel <i>Ifremer</i>	1996 Impact of bacteria on microplastic-induced hazards in early developmental stages of zebrafish (<i>Danio rerio</i>) MISSAWI Omayma <i>University of Namur, Research Unit in Environmental and Evolutionary Biology</i>	
10:30 - 11:00	Coffee break / Posters sessions Mezzanine		
11:00 - 12:30	Biomonitoring and development of integrative assessment approach - Part 1	Pollution by renewable marine energy technologies	
11:00 - 11:15	1716 Decoding the relationship between fish gene expression and the environment GAIRIN Emma <i>Okinawa Institute of Science and Technology</i>	1861 Effects of chemical elements resulting from the degradation of aluminum-based galvanic anode on 4 microalgae species and on the larval stage of the Pacific oyster <i>Crassostrea gigas</i> ZITOUNI Nesrine <i>BOREA, Université de Caen Normandie</i>	
11:15 - 11:30	1929 Coupling environmental signatures and -omics tools on the European flounder (<i>Platichthys flesus</i>) to assess estuarine environmental health in an agricultural region (Brittany, France) LAURENT Jennifer <i>UMR 6539 LEMAR, IUEM-Université de Bretagne Occidentale</i>	2829 Assessment of the ecotoxicological effects of chlorination and ozonation for biofouling control in a tropical OTEC pilot plant BOUKERMA Kada <i>Ifremer, RDT Research and Technological Development, Plouzané, France</i>	
11:30 - 11:45	1807 A multi-biomarker approach on the health assessment of European hake from NW Mediterranean fishing grounds SOLÉ Montserrat <i>CSIC</i>	Impact of climate change on the ecodynamics of legacy and emerging pollutants in marine ecosystems - Part 1	
11:45 - 12:00	2029 Climate change enhance sensitivity of the key ice-associated Arctic species polar cod to oil spill events Frode B. VIKEBØ <i>Institute of Marine Research, Bergen, Norway</i>	1974 Mode of action of stimulant alkaloids: cellular metabolism and effects of cocaine, caffeine and their mixture in <i>Mytilus galloprovincialis</i> NARDI Alessandro <i>Dipartimento di Scienze della Vita e dell'Ambiente, Università Politecnica delle Marche</i>	
12:00 - 12:15	Characterization of the Atlantic cod (<i>Gadus morhua</i>) retinoid X receptor (R _{xr}) subtypes and their sensitivity to organotin compounds Anders Goksøyr <i>University of Bergen</i>	4389 Innovative ecologically realistic study of multiple stressors, marine heatwaves and microplastics, on biological response of <i>Crassostrea gigas</i> PARIZADEH Leila <i>LIENSs CNRS La Rochelle Université</i>	
12:15 - 12:30	2723 Extrapolating sublethal responses to contaminant exposure between species: a case for Gadids HYLLAND Ketil <i>University of Oslo / Institute of Marine Research</i>	3000 Rather resilient than stressed: cellular response of ragworms (<i>Hediste diversicolor</i>) to high environmental ammonia and low oxygen conditions GOTTSCHALCK Leo Lukas <i>Department of Marine Biology, Institute for Biosciences, University of Rostock</i>	

12:30 - 14:00 **Lunch buffet**
R2

14:00 - 15:30	Biomonitoring and development of integrative assessment approach - Part 2	Particules, fibres, plastics and their additives - Part 2	Impact of climate change on the ecodynamics of legacy and emerging pollutants in marine ecosystems - Part 2
14:00 - 14:15	2266 Active mussel biomonitoring for the health status assessment of the Western Mediterranean Sea BRIAUDEAU Tifanie CBET+ Research Group, Department of Zoology and Animal Cell Biology, University of the Basque Country	1768 Distinct toxicity profiles caused by conventional and biodegradable fishing nets' leachates on the marine bacteria <i>Aliivibrio fischeri</i> and the fish <i>Oryzias latipes</i> DUSACRE Edgar EPOC UMR 5805, University of Bordeaux, CNRS, Bordeaux INP, Pessac, France	1758 Interactive Effects of Climate and Chemical Contaminants in Estuarine Systems DELORENZO Marie National Oceanic and Atmospheric Administration, National Ocean Service, National Centers for Coastal Ocean Science
14:15 - 14:30	4419 UV filters on seawater can pose a risk for coral reefs MINIER Christophe Direction de l'Evaluation des Risques, Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	2164 Are commercial synthetic biopolymers more toxic than conventional plastics? A plankton community mesocosm experiment SAMPALO Marta University of Las Palmas de Gran Canaria	2329 Single and combined effects of increased temperature and methylmercury on different stages of the marine rotifer <i>Brachionus plicatilis</i> HAKSOO Jeong Sungkyunkwan University
14:30 - 14:45	2758 Whale shark (<i>Rhincodon typus</i>) exposure to legacy and emerging contaminants in La Paz Bay (Gulf of California, Mexico) PANTI Cristina Department of Physical Sciences, Earth and Environment, University of Siena, Italy	2782 Alternative "bio" plastics do not improve chemical safety compared to conventional ones BEIRAS Ricardo ECIMAT-CIM, University of Vigo	2694 The multistressor effect of ocean acidification, microplastic and lanthanum on sea urchin <i>Arbacia lixula</i> KILIÇ Önder Department of Biology, Faculty of Science, Istanbul University
14:45 - 15:00	2812 Cnidarian Models for Toxicology RINGWOOD Amy UNC Charlotte, Charlotte NC, USA	2784 Impact of leachates from compostable and non-degradable plastic bags on the transcriptome of the marine fish model <i>Cyprinodon variegatus</i> SCHÖNEMANN Alexandre M. University of Vigo	3008 The impacts of carbamazepine and temperature on the diurnal and nocturnal behaviour of yellow perch larvae THOMPSON William Andrew McMaster University
15:00 - 15:15	1775 Chemical contamination and potential health risks to French seabirds: a multispecies and multisite study LEMESLE Prescillia Littoral Environnement Sociétés, Centre d'Etudes Biologiques de Chizé	2660 Hemolymph microbial composition of the <i>Mytilus galloprovincialis</i> after exposure to microfibers AUGUSTE Manon DISTAV, University of Genoa	3232 Impact of pollutant mixtures and climate change on <i>Paracentrotus lividus</i> embryos and larvae: biological and biochemical markers of toxicity BERTUCCI Juan Centro Oceanográfico de Vigo - IEO- CSIC
15:15 - 15:30	3231 Use of biomarkers to monitor the environmental status on the Atlantic Coast of Spain VIDAL-LIÑAN Leticia Centro Oceanográfico de Vigo Instituto Español de Oceanografía	2678 Distribution and effects of model palladium doped nanoplastics in mussels <i>Mytilus galloprovincialis</i> GONZALEZ SOTO NAGORE CBET+ Research Group, University of the Basque Country UPV/EHU	4428 Pharmaceutical pollution under a changing climate: Unravelling the ecotoxicological effects of carbamazepine in marine mussels <i>Mytilus galloprovincialis</i> BAJWA Farhat-Un-Nisá Centre for Marine and Environmental Research - CIMA, University of Algarve, Faculty of Science and Technology

15:30 - 16:00 **Coffee break / Posters sessions**
Mezzanine

16:00 - 17:30	Biomonitoring and development of integrative assessment approach - Part 2	Particules, fibres, plastics and their additives - Part 2	AOP, System Biology approaches and other conceptual modeling tools
16:00 - 16:15	2262 Tools to integrate contaminants and biomarkers in marine organisms MAUFFRET Aourell IFREMER	2901 Bioenergetic implications of plastic pollution in a warming ocean: a potential hazard to coastal oyster reefs in the 2100s TREVISAN Rafael LEMAR - UMR 6539, Univ Brest, Ifremer, CNRS, IRD	1772 Adverse effects on eye development in larval zebrafish exposed to tricyclic antidepressants. JAFARI Marwin University of Stavanger
16:15 - 16:30	1748 Automated detection and quantification of histological lesions in whole slide images of Atlantic cod livers TANABE Philip National Oceanic and Atmospheric Administration	4382 Impact and interactions of macro- and microplastic plastispheres with the microbiome of cold-water corals CHAPRON Leila Sorbonne Université, CNRS, Laboratoire d'Écogéochimie des Environnements Benthiques	2007 DRomics, a workflow to exploit and make sense of dose-response (multi-)omics data BILLOIR Elise Université de Lorraine, CNRS, LIEC, Metz, FRANCE
16:30 - 16:45	1911 Biomarkers and contaminant burdens in marine tetrapod from coastal areas of southern and southeastern Brazil BAINY Afonso Department of Biochemistry, Federal University of Santa Catarina	4416 Filling the gap: improving knowledge of the impact of marine debris on Mediterranean seabirds by combining ingestion of marine debris with loads of phthalates BAINI Matteo University of Siena, Italy; NBFC, National Biodiversity Future Center, Italy	2716 Bioenergetic versus redox stress in neurotoxicity in <i>Caenorhabditis elegans</i> exposed to mechanistically distinct mitotoxicants MEYER Joel Nicholas School of the Environment, Duke University
16:45 - 17:00	1709 Assessing the radioecological risk associated with the legacy discharges of oil and gas produced water in the offshore marine environment DAL MOLIN Franck Cefas	1546 In the clam <i>Ruditapes decussatus</i> , are combinations of micro/nanoplastic exposures more harmful than their separate counterparts? VENTURA Emma Centre for Marine and Environmental Research, University of Algarve	4370 Paternal sperm epigenome as an indicator of modified offspring brain development SEEMANN Frauke Texas A&M University-Corpus Christi
17:00 - 17:15	1727 Contaminants of Emerging Concern in the Marine Environment: An Integrated Effects Assessment Approach (CONTRAST) BROOKS Steven Norwegian Institute for Water Research	1787 Polyethylene microplastic-induced histopathological lesions, oxidative stress, and stress response genes of hydrothermal vent crab, <i>Xenograpsus testudinatus</i> CONSIGNA Mark June National Taiwan Ocean University	4376 Developmental immunotoxicity of PFAS in Marine medaka (<i>Oryzias melastigma</i>) DIBONA Elizabeth Texas A&M University-Corpus Christi
17:15 - 17:30	1741 Operational Invertebrate Behaviour Videotracking for Real-Time Wastewater Surveillance and Management RUCK George Viewpoint	1754 Distinctive molecular events induced by polystyrene micro- and nano-plastics in zebrafish liver cells WANG Tiantian IDAEA-CSIC	4431 Expanding endocrine AOPs from laboratory fish models KATSIDAKI IOANNA Cefas Weymouth Laboratory

17:30 - 18:30 **Posters sessions**
Mezzanine

19:00 - 23:00 **Gala Dinner**
Château de la Poterie

DAY			WEDNESDAY 29 MAY 2024		
Room	Auditorium 450	Salle 200			
09:00 - 10:45	Aquaculture Environment interactions	Acclimation and adaptation to chemical stress			
09:00 - 09:15	<p>4437 Oyster transcriptomic responses to septic effluent GOLDSTONE Jed <i>Biology Department, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts 02543, USA</i></p>	<p>1880 Unraveling Multigenerational Impacts: Persistent and Sex-Specific Behavioral Alterations in Atlantic Killifish Exposed to BDE-99 MCNABB Nicole <i>Department of Environmental Toxicology, University of California Davis, USA</i></p>			
09:15 - 09:30	<p>1734 Toxicity of antifoulant coatings used in Norwegian aquaculture on two scavenging amphipods, <i>Orchomenella obtusa</i> and <i>Tmetonyx cicada</i> OCONNOR Olivia <i>Nord University</i></p>	<p>1902 Investigating the adaptive mechanisms to ocean acidification in two calcifying mollusks from the CO2 vent systems of Ischia (Italy) SIGNORINI Silvia Giorgia Signorini <i>University of Milan</i></p>			
09:30 - 09:45	<p>4409 Developmental toxicity of an antifoulant and two sea lice chemotherapeutants used in aquaculture on the green sea urchin (<i>Strongylocentrotus droebachiensis</i>) RODRIGUEZ SATIZABAL Simon Andres <i>Norwegian Institute for Water Research, University of Oslo</i></p>	<p>2948 Assessing transgenerational effects of environmentally relevant concentrations of Bisphenol S in <i>Danio rerio</i> RIBEIRO Marta <i>CIIMAR - Interdisciplinary Centre of Marine and Environmental Research and Faculty of Sciences, University of Porto</i></p>			
09:45 - 10:00	<p>4365 Assessing the impact of chemical pollution on the Pacific oyster (<i>Crassostrea gigas</i>): effects on telomere dynamics after an in situ transplantation AKCHA Farida <i>Ifremer</i></p>	<p>3576 Parental early exposure to pesticide mixture drives offspring phenotype in a larger extent than direct exposure in the Pacific oyster SOL DOURDIN Thomas <i>Ifremer</i></p>			
10:00 - 10:15	<p>2836 Curcumin as a natural compound supporting oyster stress tolerance and aquaculture sustainability in a changing planet GABE Heloisa <i>LEMAR - UMR 6539, Univ Brest, Ifremer, CNRS, IRD</i></p>	<p>4377 An epigenetic memory at CYP1A protects against PAH-induced cancer WEINHOUSE Caren <i>Oregon Health & Science University</i></p>			
10:15 - 10:30	<p>4418 Comparison of uptake and toxicity of two antifoulants on blue mussels: copper and tralopyril GROSVIK Bjørn Einar <i>Institute of Marine Research (IMR), Bergen, Norway</i></p>	<p>2958 How do environmental concentrations of metformin impact zebrafish metabolism, growth, reproduction and epigenetic machinery? BARROS Susana <i>CIIMAR - Interdisciplinary Centre of Marine and Environmental Research</i></p>			
10:30 - 10:45	<p>2617 Ecological risks assessment of sulfur and heavy metals in sediments in a historic mariculture environment, North Yellow Sea SHENG Yanqing <i>Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences</i></p>	<p>1446 Mitigation of transgenerational health effects in fish BHANDARI Ramji K. <i>University of Missouri</i></p>			
10:45 - 11:30	Coffee break / Posters sessions <i>Mezzanine</i>				
11:30 - 12:30	Closing ceremony				
12:30 - 13:00	Lunch buffet <i>R2</i>				