

SATURDAY, JULY 1

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Omics approaches I	Metal toxicology I	Environmental stressors I	Pollution in Vietnam I
9:00-10:20	Chairs: H. Iwata & F. Akcha	Chairs: R. J. Van Beneden & H. Watanabe	Chairs: I. M. Sokolova & J. Mondon	Chairs: S. Tanabe & L. T. H. Le
9:00-9:20	O-001: PRECISION-CUT LIVER SLICES (PCLS) FOR TOXICOGENOMIC STUDIES IN ATLANTIC COD (<i>GADUS MORHUA</i>): THE dCOD 1.0 PROJECT F. Yadetie , M. Eide, S. Söderström, M.F. Kolås, O.M. Steinkopf, R. Lille-Langøy, L. Aranguren, S.Ø. Goksøyr, K. Dale, X. Zhang, E.M. Hanna, N. Blaser, M. Brun, H.J. Skaug, O.A. Karlsen, I. Jonassen, A. Goksøyr	O-005: IMPACTS OF ARSENIC ON KILLIFISH (<i>FUNDULUS HETEROCLITUS</i>) BEHAVIOR FOLLOWING EMBRYONIC EXPOSURE T.J. Bowser, R.J. Van Beneden	O-009: ROLE OF MITOCHONDRIAL RESPONSES TO INTERMITTENT HYPOXIA IN HYPOXIA TOLERANCE OF MARINE MOLLUSKS I.M. Sokolova , E.P. Sokolov, A.V. Ivanina	O-013: DISTRIBUTION AND SOURCES OF PFCS IN SURFACE WATER FROM DRAINAGE SYSTEM AND LAKE IN HANOI AND SOME CRAFT VILLAGES IN THE NORTHERN VIETNAM N.T. Ngoc, D.H. Anh, L.H. Tuyen, P.D. Quang, P.T. Vy, T.T. Mai, P.H. Viet
9:20-9:40	O-002: PARENTAL EXPOSURE TO THE HERBICIDE DIURON ALTERS OFFSPRING TRANSCRIPTOME, EPIGENOME, AND FITNESS IN CRASSOSTREA GIGAS: CONSIDERING THE PROPOSAL OF OMIC BIOMARKERS E. Bachere, A. Barranger, R. Bruno, D. Piquemal, C. Cosseau, R.R. Sallan, M. Fallet, N. Charlemagne, C. Grunau, R. Sussarellu, J. Rouxel, D. Menard, F. Akcha	O-006: MECHANISMS OF METAL OLFACTORY NEUROTOXICITY AND CELLULAR PROTECTION IN PACIFIC SALMON E.P. Gallagher , C.R. Williams, R. Ramsden	O-010: MYTILUS EDULIS OXYGEN UPTAKE AND HISTOLOGICAL ALTERATION RESPONSE TO SWRO DESALINATION BRINE EXPOSURE J. Mondon , S. Davis, M. Cambridge, A. Brearley, G. Kendrick	O-014: DISTRIBUTION AND ACCUMULATION PROFILE OF OCPS AND PCBS IN WATER, SEDIMENT AND BIOTA SAMPLES FROM CUA DAI ESTUARY, VIETNAM L.T. Trinh , T.T. Tham, T.B. Minh
9:40-10:00	O-003: EXPLORING MICROBIOMAL CHANGES IN MANILA CLAM HEPATOPANCREAS RELATED TO CHEMICAL POLLUTION M. Milan , L. Carraro, P. Fariselli, M.E. Martino, D. Cavalieri, L. Boffo, T. Patarnello, L. Bargelloni, B. Cardazzo	O-007: GENE EXPRESSION PATTERNS OF THYROID HORMONE AND OXIDATIVE STRESS RELATED GENES IN ZEBRAFISH LARVAE FOLLOWING THE ADMINISTRATIONS OF LEAD ACETATE AND MIXTURES OF LEAD ACETATE AND BDE-209 K.M. Chan , C.L. Leung, J. Yang	O-011: MOLECULAR AND BIOCHEMICAL RESPONSIVENESS TOWARD CLIMATE CHANGE IN ANTARCTIC FISH <i>TREMATOMUS BERNACCHII</i> M. Benedetti , M.E. Giuliani, A. Augello, G. Merli, I. Lanzoni, A. Nardi, S. Gorbi, M.D. Carlo, D. Fattorini, M. Nigro, F. Regoli	O-015: BIOACCUMULATION OF HEAVY METALS (As, Cd, Hg, Pb) IN BLOOD COCKLE <i>ANADARA GRANOSA</i> FROM MEKONG DELTA, VIETNAM H.N. Linh, P.G. Diep, N.N. Ha, N.V. Dong, N.N. Tri, N.P.C. Tu
10:00-10:20	O-004: NONTARGETED COMPREHENSIVE ANALYSIS FOR PERSISTENT ORGANOHALOGEN COMPOUNDS IN FINLESS PORPOISES FROM SETO INLAND SEA K. Nomiya , K. Motogi, A. Goto, M. Ochiai, Y. Tajima, T.K. Yamada, T. Isobe, T. Kunisue, S. Tanabe	O-008: ACCUMULATION AND ELIMINATION POTENTIAL OF LANTHANUM-EXPOSED GLASS EELS AND LINKED OXIDATIVE STRESS RESPONSES C. Figueiredo , T.F. Grilo, E. Sampaio, F. Borges, R. Rosa, J. Raimundo	O-012: BIVALVES DO NOT ACCUMULATE ANTIBIOTIC RESISTANCE GENES S. Suzuki , N. Makihara, A. Kadoya	O-016: PERSISTENT TOXIC SUBSTANCES IN VIETNAM: RESULTS OF RECENT STUDIES ON ENVIRONMENTAL DISTRIBUTION AND HUMAN EXPOSURE T.M. Tri , T.B. Minh, D.M.H. Giang, H.Q. Anh, P.N. Mai, N.H. Minh
10:20-10:50	COFFEE BREAK (HIMATA CAMPUS 1F)			

SATURDAY, JULY 1

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Omics approaches II	Metal toxicology II	Environmental stressors II	Pollution in Vietnam II
10:50-12:10	Chairs: J. V. Goldstone & C. Rigaud	Chairs: B. R. Ramaswamy & Y. Risjani	Chairs: M. R. Pastorinho & S. Suzuki	Chairs: P. H. Viet & S. Takahashi
10:50-11:10	O-017: EFFECTS OF A NATURALLY SYNTHESIZED DIOXIN, 1,3,7-TRIBROMODIBENZO-P-DIOXIN ON THE MYSID TRANSCRIPTOME M. Hirano , M. Uchida, K. Arizono, H. Iwata	O-021: ELEMENTAL ORGANOTROPY IN THE WORLD'S HEAVIEST TELEOST – THE COSMOPOLITAN OCEAN SUNFISH, <i>MOLA MOLA</i> M. Baptista , C. Figueiredo, N. Queiroz, J. Raimundo, R. Rosa	O-025: A MICROCOSM INVESTIGATION OF ARSENIC TOXICITY ON THE CONTEXT OF HIGHER UV RADIATION AND OCEANIC ACIDIFICATION C.S.M. Alpoim, A.J.A. Nogueira, C.L. Ferreira, M.R. Pastorinho	O-029: HUMAN HEALTH RISK ASSESSMENT OF DIOXIN FROM SOIL CONTAMINATION IN A LUOI DISTRICT, IN MIDDLE REGION OF VIETNAM L.T.H. Le , H. Tuan
11:10-11:30	O-018: BRAIN TRANSCRIPTOMIC EFFECTS OF PCB-153 IN KILLIFISH <i>FUNDULUS HETEROCLITUS</i> : APPARENT ADAPTATION TO ORTHO-PCBS J.V. Goldstone , N. Aluru, D. Nacci, M.E. Hahn, J.J. Stegeman	O-022: TOXICITY OF METAL AND METAL OXIDE NANOPARTICLES TO THE ASIAN COMMON TOAD <i>DUTTAPHRYNUS MELANOSTICTUS</i> V. S. Ramkumar, S. Vinoth, N.N. Patil, E. Arun, K. Vimalkumar , R. Poopal, A. Subramanian, B.R. Ramaswamy	O-026: INTERSEXUALITY IN AQUATIC INVERTEBRATES: PREVALENCE, CAUSES, TOXICOLOGICAL MECHANISMS AND RESEARCH DIRECTIONS T.F. Grilo , R. Rosa	O-030: DETERMINATION OF PCDD/FS IN BREAST MILK OF WOMEN LIVING NEAR BIEN HOA AIRBASE: IMPLICATION OF SOURCE AND ASSESSMENT OF DIOXIN INTAKE IN THE INFANTS N.H. Minh , N.V. Thuong, N.T.M. Hue
11:30-11:50	O-019: TRANSCRIPTOMIC, LIPID, AND HISTOLOGICAL PROFILES SUGGEST CHANGES IN HEALTH IN FISH FROM A PESTICIDE HOT SPOT S.E. Hook , J. Mondon, A.T. Revill, P.A. Greenfield, R. Smith, R.D. Turner, M.St.J. Warne	O-023: METALLOTHIONEIN EXPRESSION IN GREEN MUSSEL <i>PERNA VIRIDIS</i> : EFFECT OF HEAVY METAL POLLUTION Y. Risjani , D. Safitri, A. Kurnia, A.M. Rachman, A. Kurniawan	O-027: ECOTOXICOLOGY OF MARINE ECOSYSTEMS IN RELATION TO DEEP-SEA FLOOR EXPLOITATION M.M. Santos , T. Amaro, L.F. Castro	O-031: A TRANS-GENERATIONAL RELATIONSHIP OF DIOXIN IMPACTS ON ADRENAL ANDROGENS OF VIETNAMESE MOTHER-CHILD PAIRS A.L. Thai , T. Kido, S. Honma
11:50-12:10	O-020: ASSESSMENT OF THE DEVELOPMENTAL CARDIOTOXICITY OF PAHS USING INTEGRATED OMICS C. Rigaud , A. Eriksson, A. Krasnov, M. Keinänen, E-R. Vehniäinen	O-024: DETECTION OF METAL INDUCED CYTOPATHOLOGICAL ALTERATIONS AND DNA DAMAGE IN <i>PERNA VIRIDIS</i> FROM ENNORE ESTUARY, CHENNAI L.A. Vasanthi, P. Revathi, B.R. Ramaswamy , N. Munuswamy	O-028: ASSESSMENT OF GROUNDWATER POLLUTION AFTER THE 2016 KUMAMOTO EARTHQUAKE USING PERSISTENT SEWER TRACERS E. Ishii , K. Kannan, T. Hosano, T. Agusa, H. Nakata	O-032: CONTAMINATION AND HUMAN EXPOSURE TO HAZARDOUS SUBSTANCES IN MODERN WASTE RECYCLING SITES IN VIETNAM S. Takahashi , N.M. Tue, H.Q. Anh, C. Takayanagi, K. Katsura, G. Suzuki, H. Takigami, P.H. Viet, S. Tanabe
12:10-13:30	LUNCH (CARREFOUR 1F)			

SATURDAY, JULY 1

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Oil toxicology I	Metal toxicology III	evolutionary approaches I	Nanoparticles I
13:30-14:50	Chairs: J. Lipton & J-H. Jung	Chairs: K. M. Chan & V. Cornet	Chairs: E-Y. Kim & W. H. Powell	Chairs: S. Kashiwada & A. Barranger
13:30-13:50	O-033: CROSS-TAXONOMIC CONSISTENCY OF TOXICOLOGICAL EFFECTS OF DEEPWATER HORIZON OIL R. Takeshita, J.M. Morris, K. Dean, M. Gielazyn, R. Ricker, P. Tuttle, J. Lipton	O-037: CADMIUM MODULATES LIPID METABOLISM AT TRANSCRIPTIONAL LEVEL IN RAINBOW TROUT A. Ferain , C. Bonnineau, I. Neefs, E. Delbecque, M. Van Larebeke, V. Cornet, B. Lemaire, J-F. Rees, Y. Larondelle, K.A.C. De Schamphelaere, C. Debier	O-041: CHARACTERIZATION OF THE ARYL HYDROCARBON RECEPTORS AHR1B AND AHR2 IN ATLANTIC COD (<i>GADUS MORHUA</i>) L. Aranguren , A.K. Madsen, P. Iden, F. Yadetie, M. Eide, R. Lille-Langøy, A. Goksøyr, O.A. Karlsen	O-045: SILVER NANOCOLLOIDS ALTERED GUT MICROBIOTA AND INCREASE PATHOGENIC INFECTION OF MEDAKA C. Kataoka , H. Tomiyama, Y. Kagami, S. Kashiwada
13:50-14:10	O-034: TOXICITY OF LARVICIDAL OIL ON SELECTED MARINE ORGANISMS: IMPLICATIONS ON ITS REGULATION AND USE K.W.Y. Yeung , E.T.C. Lau, M.M.N. Yung, K.M.Y. Leung	O-038: INFLUENCE OF ω3 FATTY ACID ENRICHED DIETS ON SENSITIVITY TO HEAVY METAL EXPOSURE AND PATHOGEN INFECTION IN RAINBOW TROUT JUVENILES V. Cornet , A. Ouaach, R.S.N.M Mandiki, A. Ferain, M. Van Larebeke, B. Lemaire, F.E. Reyes López, L. Tort, P. Kestemont	O-042: AUTO-INDUCTION MECHANISM OF ARYL HYDROCARBON RECEPTOR 2 GENE BY TCDD-ACTIVATED AHR1 AND AHR2 IN THE RED SEABREAM S-M. Bak , M.Iida, A.A. Soshilov, M.S. Denison, H. Iwata, E-Y. Kim	O-046: EFFECTS OF PVP/PEI COATED Ag NPS ON DIETARILY EXPOSED MUSSELS AT DIFFERENT SEASONS: A TRANSCRIPTOMIC STUDY N. Duroudier , P. Markaide, E. Bilbao, M.P. Cajaraville
14:10-14:30	O-035: PHOTO-ENHANCED TOXICITY OF OIL TO AQUATIC ORGANISMS: PHOTO-SENSITIZATION, PHOTO-MODIFICATION AND MODELING J.M. Morris, M. Alloy, K. Bridges, C. Damare, T. Garner, M. Gielazyn, S. Hook, M. Krasnec, C. Lay, J. Lipton , J. Oris, J. Stoeckel, L. Sweet, A. Roberts	O-039: CHARACTERIZATION OF COPPER TRANSPORTOR GENES IN A ZEBRAFISH LIVER CELL LINE, ZFL M.L. Kwok , K.M. Chan	O-043: IDENTIFICATION AND EVOLUTIONARY SIGNIFICANCE OF NUCLEAR RECEPTOR SUPERFAMILY IN THE ROTIFER <i>BRACHIONUS SPP</i> D-H. Kim , J-S. Lee	O-047: DO SIZE AND SURFACE COATING OF AgNPS AND AuNPS INFLUENCE THEIR UPTAKE AND MOLECULAR EFFECTS ON <i>G. FOSSARUM</i> ? K. Mehennaoui , S. Cambier, T. Serchi, N. Valle, J-S. Thomann, F. Guérol, L. Giamberini, A.C. Gutleb
14:30-14:50	O-036: THE EFFECT OF THREE DIFFERENT ARCTIC OIL WATER ACCOMODATED FRACTION CONDITIONS ON MORTALITY AND FECUNDITY OF THE COPEPOD <i>ACARTIA TONSA</i> T. Hafez , M. Ortiz-Zarragoitia	O-040: CHARACTERIZATION OF COPPER CHAPERON, ATOX1, AND ITS FIVE KILOBASE GENE PROMOTER IN A ZEBRAFISH LIVER CELL LINE, ZFL M.L. Kwok , K.Y. Yiu, K.M. Chan	O-044: THE YING AND YANG OF METAZOAN ENDOCRINE SYSTEMS IN THE ANTHROPOCENE EPOCH L.F. Castro , R. Ruivo, A. Capitão, M. Lopes-Marques, E. Fonseca, M.M. Santos	O-048: EFFECTS OF ACUTE CO-EXPOSURE OF <i>MYTILUS GALLOPROVINCIALIS</i> TO CARBON NANOPARTICLES AND BENZO(A)PYRENE A. Barranger , Y. Aminot, M. Banni, S. Sforzini, L.J. Dallas, V.M. Arlt, G.A. Rance, A.L. Torre, A.N. Khlobystov, A. Viarengo, J.W. Readman, A.N. Jha
14:50-15:20	COFFEE BREAK (HIMATA CAMPUS 1F)			

SATURDAY, JULY 1

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Effects of EDCs/POPs I	In vitro approaches	Risk assessment	Microplastics
15:20-17:00	Chairs: C. Minier & H. Ishibashi	Chairs: A. Arukwe & M. Ochiai	Chairs: R. van der Oost & F. Regoli	Chairs: H. Nakata & K. Koizumi
15:20-15:40	O-049: DIOXIN EXPOSURE INDUCES THE THYROID HORMONE-RESPONSIVE GENE KLF9 BUT INHIBITS METAMORPHIC CHANGES IN <i>XENOPUS LAEVIS</i> TADPOLES W.H. Powell , J.D. Taft, M.K. Colonetta, R.E. Schafer, N. Plick	O-054: DEVELOPMENT AND APPLICATION OF A HIGHLY SENSITIVE BIOASSAY FOR DIOXIN DETECTION IN MARINE SYSTEM S. Zhang , L. Wang, Y. Chen, L. Xu, B. Zhao	O-059: SIMONI: SMART INTEGRATED MONITORING STRATEGY FOR BIOANALYTICAL WATER QUALITY ASSESSMENT R. van der Oost , G. Sileno, T. Janse, M.T. Nguyen, H. Besselink, A. Brouwer	O-064: OCCURRENCE OF PLASTICS IN COMMERCIAL PRODUCTS, COASTAL AND DEEP SEA ENVIRONMENTS IN JAPAN K. Kitahara , M. Shimanaga, H. Nakata
15:40-16:00	O-050: ADVERSE EFFECTS OF BDE-47 AND ANTIOXIDATIVE ENZYME INDUCTION IN THE ROTIFER <i>BRACHIONUS KOREANUS</i> J.C. Park , J. Han, J.S. Lee	O-055: STRUCTURE-ACTIVITY RELATIONSHIPS OF BAIKAL SEAL ESTROGEN RECEPTORS AND ENVIRONMENTAL POLLUTANTS Y. Yoshinouchi , M. Hirano, H. Nakata, K. Nomiya, S. Tanabe, E-Y. Kim, H. Iwata	O-060: APPLICATION OF A WEIGHT OF EVIDENCE APPROACH FOR MONITORING OFF-SHORE PLATFORMS IN THE MEDITERRANEAN SEA G. d'Errico, D. Fattorini, M. Benedetti, M.D. Carlo, A. Nardi, M. Mezzelani, L. Pittura, C.G. Avio, I. Vanzetto, L. Morroni, S. Gorbi, F. Regoli	O-065: MICRO AND MESO PLASTIC POLLUTION AT MERSIN BAY N.E. MEDITERRANEAN COASTS OF TURKEY S. Gündoğdu , C. Çevik
16:00-16:20	O-051: COUPLING BIO-ANALYTICAL TOOLS AND ECOTOXICO-GENOMICS APPROACHES FOR THE ENDOCRINE DISRUPTION ASSESSMENT OF AQUATIC CONTAMINANTS IN THE ESTUARINE COPEPOD <i>EURYTEMORA AFFINIS</i> J. Forget-Leray , E. Legrand, C. Boulangé-Lecomte	O-056: NEUROTOXICITY ASSESSMENT OF ENVIRONMENTAL CONTAMINANTS WITH CHEMICALLY-INDUCED NEURONS OF DOLPHINS M. Ochiai , H.T. Nguyen, N. Kurihara, M. Hirano, Y. Murakami, H. Iwata	O-061: ESTABLISHING MARINE WATER QUALITY GUIDELINES ON METAL CONTAMINATION IN HONG KONG SAR BY USING SPECIES SENSITIVITY DISTRIBUTION CURVES W.H. Ho , W.T. Chung, K.M. Chan	O-066: EMERGING POLLUTANT-MICROBEADS IN SEWAGE TREATMENT WORKS AND STORM WATER OUTFALLS DISCHARGING INTO THE VICTORIA HARBOUR, HONG KONG SAR C.W. Mak , H.L. To, Y.Y. Tsang, K.M. Chan
16:20-16:40	O-052: HIGH ESTRADIOL EXPOSURE DISRUPTS THE REPRODUCTIVE CYCLE OF THE CLAM <i>RUDITAPES DECUSSATUS</i> IN A SEX-SPECIFIC WAY S. Mezghani-Chaari, M. Machreki-Ajimi, A. Hamza-Chaffai, C. Minier	O-057: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN SUPPRESS ACHE ACTIVITY IN THE NEURONAL DIFFERENTIATION Y. Chen , L. Xu, S. Zhang, H.Q.H. Xie, B. Zhao	O-062: RISK ASSESSMENT OF TRICLOSAN IN THE GLOBAL ENVIRONMENT USING A PROBABILISTIC APPROACH J. Guo , H. Iwata	O-067: PRESENCE AND ECOTOXICOLOGICAL RISK OF MICROPLASTICS IN MEDITERRANEAN ORGANISMS L. Pittura , C.G. Avio, S. Gorbi, S.M. Abel, D. Fattorini, M.E. Giuliani, M.D. Carlo, F. Regoli
16:40-17:00	O-053: EFFECTS OF BIFENTHRIN ON ESTROGENIC AND DOPAMINERGIC PATHWAYS IN EMBRYOS AND JUVENILE OF ZEBRAFISH (<i>DANIO RERIO</i>) L. B. Bertotto , N. Mengivar-Cervantes, D. Price, J. Richards, Y. Sapozhnikova, J. Gan, D. Volz, D. Schlenk	O-058: SCREENING OF SEDIMENT EXTRACTS FROM THE LAGOS LAGOON (NIGERIA) FOR CYTOTOXICITY AND BIOTRANSFORMATION EFFECTS USING THE PLHC-1 FISH CELL LINE A. Arukwe , E. Mennillo	O-063: FINE-TUNING POLYMER-BASED BIOMONITORING TOOLS FOR QUICK AND COST-EFFECTIVE SCREENING OF PERSISTENT, BIOACCUMULATIVE AND TOXIC CONTAMINANTS (PBTS) IN LIPID CONTAINING MATRICES Q.T. Doan , Y. Huang, I. Blakey, S. Grant, C. Gaus	O-068: ADVERSE EFFECTS OF MICROPLASTIC AND MAPK/NRF2-MEDIATED DEFENSE MECHANISMS IN THE COPEPOD <i>PARACYCLOPINA NANA</i> H-M. Kang , C-B. Jeong, J-S. Lee
17:00-19:00	POSTER SESSION (HIMATA CAMPUS 1F)			

SUNDAY, JULY 2

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Omics approaches III	Ecotoxicology	Environmental stressors III	Environmental issues in developing countries I
9:00-10:00	Chairs: K. Nomiyama & C. Porte	Chairs: A. Goksøyr & L. M. Williams	Chairs: M. C. Tsuchiya & M. M. Kanerva	Chairs: T. Kunisue & N. M. Tue
9:00-9:20	O-069: HEPATIC TRANSCRIPTOME RESPONSES TO BISPHENOL A PRENATAL EXPOSURE IN RAT OFFSPRING <u>H.T. Nguyen</u> , K. Yamamoto, T. Agusa, M. Hirano, M. Ochiai, E-Y. Kim, H. Iwata	O-072: ECOTOXICOLOGICAL RESPONSES IN ATLANTIC COD (<i>GADUS MORHUA</i>) AFTER CAGING AT A CAPPED WASTE DISPOSAL SITE IN KOLLEVÅG, WESTERN NORWAY <u>K. Dale</u> , O.A. Karlsen, F. Yadetie, M. Eide, S. Ø. Goksøyr, L. Aranguren, R. Lille-Langøy, H.J. Skaug, J.L. Lyche, M.B. Müller, K. Hylland, Z. Tairova, M. Grung, A. Goksøyr	O-075: HYPERSALINITY-INDUCED LIPOGENESIS IN THE MONOGONANT ROTIFER <i>BRACHIONUS KOREANUS</i> <u>M-C. Lee</u> , J-S Lee	O-078: DETERMINATION OF TRICLOCARBAN (TCC) AND BENZOTRIAZOLE UV STABILIZERS (BUVSS) IN SURFACE WATER FROM SOUTH INDIAN RIVERS <u>V. Krishnamoorthi</u> , A. Elaiyaraja, K.K. Selvaraj, N.N. Patel, P.R. Krishnan, A. Subramanian, B.R. Ramaswamy
9:20-9:40	O-070: LC-HRMS BASED-METABOLOMICS TO HIGHLIGHT BIOTRANSFORMATION PRODUCTS AND UNEXPECTED EFFECTS OF DICLOFENAC IN <i>MYTILUS GALLOPROVINCIALIS</i> <u>B. Bonnefille</u> , M. Alali, H. Fenet, E. Gomez, F. Courant	O-073: FISH FEMINIZATION IN COASTAL WATERS, TOWARDS SPECIFIC MOLECULAR MARKERS OF INTERSEX CONDITION I. Rojo-Bartolomé, A. Valencia, M. Ortiz-Zarragoitia, <u>I. Cancio</u>	O-076: ANTIOXIDANT DEFENCE AND OXIDATIVE STRESS IN THE COPEPOD <i>LIMNOCALANUS MACRURUS</i> FROM THE NORTHERN BALTIC SEA <u>M.M. Kanerva</u> , L.U. Thyu, K.K. Lehtonen, M. Nikinmaa, K.A. Vuori	O-079: HORMONE DISRUPTING ACTIVITIES AND CAUSATIVE COMPOUNDS IN RIVER WATER FROM ASIAN DEVELOPING COUNTRIES <u>N.M. Tue</u> , H. Matsukami, L.H. Tuyen, S. Takahashi, G. Suzuki, P.H. Viet, A. Subramanian, S. Tanabe, T. Kunisue
9:40-10:00	O-071: CHARACTERIZING LIPID METABOLISM IN THE DIGESTIVE GLAND OF MUSSELS USING MASS SPECTROMETRY PROFILING A. Gilabert, P. Cianciullo, <u>C. Porte</u>	O-074: MOLECULAR AND CELLULAR MECHANISMS OF OOCYTE ATRESIA IN HAKE (<i>MERLUCCIVUS MERLUCCIVUS</i>) O.D. de Cerio, A. Valencia, D.T. Que, R. Hu, B. Zaldibar, M. Korta, M. Ortiz-Zarragoitia, <u>I. Cancio</u>	O-077: ENVIRONMENTAL STATUS OF <i>KAPPAPHYCUS ALVAREZII</i> CULTIVATION AREA AFTER TEMPORAL EUTROPHICATION <u>M. Kasim</u> , A. Mustafa, E. Ishak	O-080: SEDIMENT TOXICITY OF TUMPAT AND SETIU, MALAYSIA TO CLIMBING PERCH EMBRYO <u>M.Y. Nurulnadia</u> , A.N.S. Amiera, A.A. Afiqah, B.M. Zahid
10:00-10:30	COFFEE BREAK (HIMATA CAMPUS 1F)			

SUNDAY, JULY 2

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Oil toxicology II	Metal toxicology IV	Molecular and evolutionary approaches II	Environmental issues in developing countries II
10:30-11:50	Chairs: S. Meier & S. E. Hook	Chairs: H. Watanabe & M. Hirano	Chairs: A. Kubota & M. Iida	Chairs: A. Subramanian & T. Kunisue
10:30-10:50	O-081: OIL DROPLET FOULING AND DIFFERENTIAL PAH TOXICOKINETICS IN EMBRYOS OF ATLANTIC HADDOCK AND COD L. Sørensen, E. Sørhus, T. Nordtug, J.P. Incardona, T.L. Linbo, L.Giovanetti, Ø. Karlsen, <u>S. Meier</u>	O-085: GENOME EDITING FOR VISUALIZATION OF WATER POLLUTANTS USING WATER FLEA Y. Kato, <u>H. Watanabe</u>	O-089: ABC TRANSPORTERS IN AQUATIC INVERTEBRATES: EVOLUTIONARY SIGNIFICANCE AND APPLICATION IN MARINE ECOTOXICOLOGY <u>C-B. Jeong</u> , J-S. Lee	O-092: ANALYSES OF POLLUTANT CADMIUM AT WANGI RIVER PASURUAN AND ITS IMPACT ON <i>GAMBUSIA AFFINIS</i> <u>M.A. Adam</u> , M. Maftuch, Y. Kilawati, Y. Risjani
10:50-11:10	O-082: DNA DAMAGE IN ATLANTIC HADDOCK EXPOSED TO SEDIMENT OR PRODUCED WATER ASSOCIATED PAHS <u>S. Meier</u> , Ø. Karlsen, J.L. Goff, L. Sørensen, E. Sørhus, D. Pampanin, M. Romano, B.E. Grøsvik	O-086: MERCURY BIOACCUMULATION AND POPULATION DYNAMICS OF <i>M. SLABBERI</i> (CRUSTACEA: MYSIDACEA) ALONG A CONTAMINATION GRADIENT M. D'Ambrósio, S.C. Marques, <u>T.F. Grilo</u> , U.M. Azeiteiro, M.Â. Pardal, E. Pereira, A.C. Duarte, P.G. Cardoso	O-090: UDP-GLUCURONOSYLTRANSFERASE (UGT) AMONG PINNIPEDIA AND OTHER CARNIVORES <u>T. Kondo</u> , Y. Ikenaka, S.M.M. Nakayama, Y.K. Kawai, H. Mizukawa, Y. Mitani, K. Nomiyama, S. Tanabe, M. Ishizuka	O-093: DISTRIBUTION OF SYNTHETIC MUSKS AND BENZOTRIAZOLE ULTRA VIOLET STABILIZERS IN ORGANISMS FROM INDIAN COASTAL WATERS <u>B.R. Ramaswamy</u> , V. Krishnamoorthi, N.N. Patel, A. Elaiyaraja, V. Shanmuganathan, P.R. Krishnan, S.R. Vijayan, A. Subramanian
11:10-11:30	O-083: AN INTEGRATED APPROACH TO MEASURING CHANGES IN FISH PHYSIOLOGY AFTER SUBLETHAL EXPOSURE TO A LIGHT CRUDE OIL <u>S.E. Hook</u> , A.T. Reville, P. Greenfield, J. Mondon, J. Strzelecki, H. Doan, S.A. Stephenson, S. Barrett	O-087: CHRONIC TOXICITY OF BINARY MIXTURE OF CADMIUM, COPPER, AND ZINC TO THE DAPHNIDS (<i>CERIODAPHNIA DUBIA</i>) <u>H. Watanabe</u> , M. Noguchi, H. Yamamoto, N. Tatarazako	O-091: TOXICOGENOMICS OF MARINE ORGANISMS <u>A. Antunes</u>	O-094: SPATIO-TEMPORAL TREND OF CONTAMINATION BY PERSISTENT ORGANIC POLLUTANTS IN DEEP-SEA ECOSYSTEMS AROUND JAPAN <u>S. Takahashi</u> , M. Tanikawa, K. Ramu, S. Imagawa, T. Saruwatari, T. Kubodera, S. Tanabe
11:30-11:50	O-084: REGULATION OF MICRORNAS IN MAHI-MAHI (<i>CORYPHAENA HIPPURUS</i>) EXPOSED TO DEEPWATER HORIZON OIL E.G. Xu, G. Diamante, S. Chan, E. Mager, M. Grosell, <u>D. Schlenk</u>	O-088: ADVERSE EFFECTS OF METHYLMERCURY ON LIFE PARAMETERS, ANTIOXIDATIVE SYSTEM, AND MAPKS PATHWAY IN THE COPEPOD <u>Y.H. Lee</u> , H-M. Kang, C-B. Jeong, J-S. Lee		
11:50-13:10	LUNCH (CARREFOUR 1F)			

SUNDAY, JULY 2

ROOM	HIMATA CAMPUS H2A	HIMATA CAMPUS H2B	HIMATA CAMPUS H2D	HIMATA CAMPUS H2E
SESSION	Oil toxicology III	PPCPs	Effects of EDCs/POPs II	Nanoparticles II
13:10-14:30	Chairs: A. E. McElroy & M. O. Sydnes	Chairs: I. Brandt & R. Tanoue	Chairs: D. Schlenk & K. Arizono	Chairs: C. González-Fernández & A. N. Jha
13:10-13:30	O-095: THE USE OF MASS SPECTROMETRY TO TRACK SOURCES OF OIL CONTAMINATION D.M. Pampanin, K.S. Enerstvedt, <u>M.O. Sydnes</u>	O-099: ANTIBIOTICS IN WATER AND SEDIMENTS FROM JAPANESE RIVERS: ECOLOGICAL RISK ASSESSMENTS USING JAPANESE MEDAKA <u>T. Behera</u> , K. Shimizu, Y. Iwasaki, H. Takeuchi, M. Umehara, S. Kashiwada	O-103: EFFECTS OF TEMPERATURE AND BIFENTHRIN ON THE ENDOCRINOLOGY OF JUVENILE CHINOOK SALMON (<i>ONCORHYNCHUS TSHAWYSTSCHA</i>) <u>M. Giroux</u> , D. Luu, S. Vliet, D. Volz, D. Schlenk	O-107: INTERACTION OF ENGINEERED NANOPARTICLES WITH PAHS: COULD THEY ACT AS 'TROJAN-HORSES' TO INDUCE BIOLOGICAL RESPONSES? Y. Di, S.N. Al-Subiai, L.J. Dallas, V.M. Arlt, J.W. Readman, B. Stolpe, J.R. Lead, D. Schorder, A.J. Moody, <u>A.N. Jha</u>
13:30-13:50	O-096: DEVELOPMENTAL AND CARDIOTOXICITY OF PAH/OXY-PAH MIXTURES ON ZEBRAFISH EMBRYOS <u>V. Cunha</u> , F.L. Bihanic, K. Dreij	O-100: A WIDE RANGE OF PHARMACEUTICALS CAN ALTER VISUAL MOTOR RESPONSE IN LARVAL ZEBRAFISH (<i>DANIO RERIO</i>) <u>I. Huang</u> , H. Sirotkin, A. McElroy	O-104: THE PLASTICIZER DI-ISONONYL PHTHALATE ADMINISTERED VIA DIET AFFECTS LIPID METABOLISM IN GILTHEAD SEA BREAM <i>SPARUS AURATA</i> <u>I. Forner-Piquer</u> , C.C. Mylonas, V. di Marzo, F. Piscitelli, G. Gioacchini, F. Maradonna, O. Carnevali	O-108: AN OVERLOOKED ROUTE OF UPTAKE: POLYSTYRENE NANOPARTICLE ACCUMULATION DURING <i>DAPHNIA MAGNA</i> EMBRYOGENESIS <u>N.R. Brun</u> , M.M.T. Beenakker, D. Ebert, E.R. Hunting
13:50-14:10	O-097: TOXICITY OF MECHANICALLY AND CHEMICALLY DISPERSED OIL: AN INTEGRATED APPROACH <u>I. Lanzoni</u> , M. Benedetti, D. Fattorini, M.D. Carlo, G. d'Errico, A. Tornambè, O. Faraponova, G. Chiaretti, L. Manfra, L. Morroni, D. Pellegrini, F. Onorati, F. Regoli	O-101: UPTAKE AND METABOLISM OF HUMAN PHARMACEUTICALS BY FISH — A CASE STUDY WITH OPIOID ANALGESIC TRAMADOL <u>R. Tanoue</u> , L. Margiotta-Casaluci, B. Huerta, T.J. Runnalls, K. Nomiya, T. Kunisue, S. Tanabe, J.P. Sumpter	O-105: EVALUATING IN VITRO – IN VIVO EXTRAPOLATION SUCCESS FOR A SERIES OF MODEL ENDOCRINE ACTIVE TOXICANTS <u>I. Schultz</u> , L. Harding, C. Monson, K. Gillies, T. Cavileer, G. Young, J. Nagler, P. Swanson	O-109: EFFECT OF POLYSTYRENE NANOPARTICLES ON DIFFERENT GROWTH STAGES OF <i>CHAETOCEROS NEOGRACILE</i> <u>C. González-Fernández</u> , P. Miner, C. Lambert, N.L. Goic, P. Soudant, A. Huvet, I. Paul-Pont
14:10-14:30	O-098: RELATIVE TOXICITY OF SURFACTANT AND SOLVENT COMPONENTS OF THE OIL SPILL DISPERSANT COREXIT 9500 <u>A.E. McElroy</u> , S. Dasgupta	O-102: OCULAR MELANIN AS A BIOMONITORING TOOL FOR PHARMACEUTICAL DRUGS IN FISH <u>I. Brandt</u> , U. Bergström, K. Gao, R.H. Lindberg, J. Fick	O-106: OCCURRENCE OF BOOSTER BIOCIDES AT REEF ECOSYSTEM AND ITS EFFECTS ON FATTY ACID PROFILE OF HARD CORALS <u>Z. Bachok</u> , H.R. Ali, M.M. Arifin, M.A. Sheikh, N-A.M. Shazili, S.S. Bakari	O-110: INTERACTION OF POLYSTYRENE NANOPARTICLES WITH PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) GAMETES <u>C. González-Fernández</u> , N.L. Goic, C. Lambert, K. Tallec, P. Soudant, A. Huvet, M. Suquet, I. Paul-Pont
14:30-16:30	POSTER SESSION (HIMATA CAMPUS 1F)			
16:30-19:00	SHORT TRIP TO MATSUYAMA CASTLE			
19:00-21:00	BANQUET AT ANA HOTEL MATSUYAMA (OPTIONAL)			

MONDAY, JULY 3	
ROOM	CARREFOUR 3F
SESSION	Developmental toxicology & Transgenerational effect I
9:00-10:40	Chairs: J. J. Stegeman & H. Teraoka
9:00-9:20	O-111: NUCLEAR FACTOR, ERYTHROID 2 (NFE2), IS A REGULATOR OF THE OXIDATIVE STRESS RESPONSE DURING ZEBRAFISH DEVELOPMENT <u>L.M. Williams</u> , B.A. Lago, A.G. McArthur, A.R. Raphenya, N. Pray, N. Saleem, S. Salas, K. Paulson, R.S. Mangar, Y. Liu, A.H. Vo, J.A. Shavit
9:20-9:40	O-112: DEVELOPMENTAL TOXICITY OF 2- AND 6-HYDROXYCHRYSENE ON ZEBRAFISH EMBRYOS <u>G. Diamante</u> , G. do Amaral e Silva Müller, N. Menjivar-Cervantes, D.C. Volz, A.C.D. Bainy, D. Schlenk
9:40-10:00	O-113: IMPAIRED MITOCHONDRIAL FUNCTION IN ZEBRAFISH EXPOSED TO HYPOXIA AND POLYCYCLIC AROMATIC HYDROCARBONS <u>C.D. Lindberg</u> , R.T.D. Giulio
10:00-10:20	O-114: TRANSGENERATIONAL EXPOSURE TO BENZO(A)PYRENE AFFECTS METABOLIC PLASTICITY & THERMAL STRESS RESPONSE CAPACITY <u>J.S. Kozal</u> , N. Jayasundara, R.T. Di Giulio
10:20-10:40	O-115: BENZO(A)PYRENE INDUCES CROSS-GENERATIONAL BONE DEFORMITIES IN FISH: THE UNDERLYING MOLECULAR AND CELLULAR MECHANISMS <u>J.Z. Mo</u> , F. Seemann, M.T. Wan, C. Winkler, D.W.T.Au
10:40-11:10	COFFEE BREAK (CARREFOUR 3F)

MONDAY, JULY 3	
ROOM	CARREFOUR 3F
SESSION	Developmental toxicology & Transgenerational effect II
11:10-12:30	Chairs: I. Cancio & M. Celander
11:10-11:30	O-116: CRISPR KNOCKOUT OF CYP20A1 RESULTS IN BEHAVIORAL CHANGES IN ZEBRAFISH (<i>DANIO RERIO</i>) M.C. Salanga, F. Mora, B. Lemaire, D.C. Lamb, J.V. Goldstone, <u>John J. Stegeman</u>
11:30-11:50	O-117: TRANSGENERATIONAL BONE TOXICITY OF BENZO(A)PYRENE IN FISH <u>F. Seemann</u> , B. Guo, C-B. Jeong, J. Mo, M.T. Wan, J-S. Lee, G. Zhang, D.W.T. Au
11:50-12:10	O-118: PAX GENE EXPRESSION DURING ZEBRAFISH NEUROGENESIS IN RESPONSE TO ARSENIC EXPOSURE R.S. Babich, <u>R.J. Van Beneden</u>
12:10-12:30	O-119: CHLORPYRIFOS NEUROTOXICITY IN ZEBRAFISH (<i>DANIO RERIO</i>) EMBRYO-LARVAE: DISCOVERY OF INTERVENTION IN OP TOXICITY F.X. Mora-Zamorano, A.F. Govindajaran, J.J. Stegeman, <u>J.V. Goldstone</u>
12:30-13:00	CLOSING CEREMONY