

LIST OF POSTERS

ASSIGNING OF POSTERS IN POSTER SESSIONS:

Poster 1: Poster Session 1: Monday 22 October 2018, 17.30 – 18.30

Poster 2: Poster Session 2: Tuesday 23 October 2018, 18.45 – 19.45

Poster 3: Poster Session 3: Thursday 25 October 2018, 18.45-19.45

(*) : The poster will also be presented during an Ignite Talk Session

ECO-PHYSIOLOGY & CELLULAR BIOLOGY OF HARMFUL ALGAE AND CYANOBACTERIA

P-001 | Adaptation of phycocyanin and phycoerythrin concentration in *Microcystis* spp. under low and elevated light conditions

Dominique Suzanne Derminio, (USA) - Poster 1

P-002 | Paralytic shellfish toxin content and sxtA gene copy number of *Gymnodinium catenatum* in different growth phases

Dominique Suzanne Derminio (Mexico) - Poster 2

P-003 | An effective method for detecting prey DNA from the genera *Dinophysis* and *Phalacroma* by using two specific primer sets

Goh Nishitani (Japan) - Poster 3

P-004 | Chemical factors affecting the growth of *Karenia mikimotoi* in the Bungo Channel, Japan

Setsuko Sakamoto (Japan) - Poster 1

P-005 | From growth to aging, roles and fates of lysosomes (orange-red bodies) in benthic dinoflagellate cells

Cécile Jauzein (France) - Poster 2

P-006 | Carbon and light availability influence microcystin production by PCC 7806^(†)

Declan John Hunter Maxwell (United Kingdom) - Poster 3

P-007 | Effects of nutrient deficiency and high light on growth, photosynthesis and motility in a red tide dinoflagellate *Karenia mikimotoi*^(†)

Koki Yuasa (Japan) - Poster 1

P-008 | Influence of temperature, irradiance and pH on the growth of *Teleaulax amphioxeia*, trophic chain member of the toxic genus *Dinophysis*^(†)

Sylvain Gaillard (France) - Poster 2

P-009 | Effects of strong light and high temperature on photosystem II in red tide-forming algae *Karenia mikimotoi* and *Chattonella antiqua*

Yoshitaka Nishiyama (Japan)- Poster 3

P-010 | Differences in xanthophyll de-epoxidase activity in high and low toxic strains of *K. brevis*

Ricardo Colon (USA) - Poster 1

P-011 | Immunolocalization of microcystins and the photoprotective OCP (orange carotenoid protein) in *Planktothrix* during high-light stress

Chakib Djediat (France) - Poster 2

P-012 | Salt stress response of brackish and freshwater strains of *Microcystis aeruginosa*

Maxime Georges Des Aulnois (France) - Poster 3

P-013 | Different strategies of attachment to substrate of the toxic benthic dinoflagellate *Ostreopsis cf. ovata*

Giorgio Honsell (Italy) - Poster 2

P-014 | Physiological changes induced by salinity in filamentous cyanobacteria producing saxitoxins

Emilie Houliez (France) - Poster 1

P-015 | Optimization of laboratory cultures of two dinophysis species

María García-Portela (Spain) - Poster 2

P-016 | Characterization and comparison of toxin-producing strains of *Dinophysis acuta*, *Dinophysis caudata* and *Dinophysis sacculus*

Véronique Séchet (France) - Poster 3

P-017 | Cyanobacterial seasonal fluctuation and the presence of the microcystin producing genes in Billings Reservoir (Diadema/SP - Brazil)

Cristina Souza Freire Nordi (Brazil) - Poster 1

P-018 | Is Cell Division Time a Constant for *Karlodinium veneficum*? Strain and Temperature Effects with Implications for In Situ Growth

Allen R. Place (USA) - Poster 2

P-019 | *Nitzschia bizertensis*: Distribution, toxicity and eco-toxicology

Asma Sakka Hlaili (Tunisia) - Poster 3

P-020 | Study of the neurotoxic dinoflagellate *Gymnodinium catenatum*, responsible of PSP outbreaks in the Mediterranean waters of Morocco

Hicham Aboualaalaa (Morocco) - Poster 1

P-021 | *Karenia mikimotoi*'s inability adapting to fluctuating light may control their migration to mid-deep layer

Kazuhiko Koike (Japan) - Poster 2

P-022 | Characterization of *Chattonella* spp. of Todos Santos Bay, and the effects on early-stages of the Pacific oyster *Crassostrea gigas*

Norma Valeria Ahumada (Mexico) - Poster 1

P-023 | Effect of bacteria in the germination biochemical composition of growth of *Gymnodinium catenatum*

Dulce Valeria Ramírez Rodríguez (Mexico) - Poster 2

P-023B | The control of microcystin content in low water intake by using the intracellular dynamics of blue green-algae

Yuji Yahagi (Japan) - [Poster 1](#)

BIOLOGICAL OCEANOGRAPHY AND LIMNOLOGY OF HABS

P-024 | Improving the predictability of HABS around the Shetland Islands, Scotland⁽¹⁾

Paul Dees (United Kingdom) - [Poster 3](#)

P-025 | Algal blooms: how are they harming models used for climate management?

Ian R. Jenkinson (France) - [Poster 1](#)

P-026 | Spatial-temporal distribution of the Pseudo-nitzschia seriata and delicatissima complexes in the Sub-Antarctic Ecoregion, South Pacific

M.A. Pinto-Torres (Chile) - [Poster 2](#)

P-027 | The origin of Dinophysis acuta blooms which impact Irish aquaculture

Robin Raine (Ireland) - [Poster 1](#)

P-028 | Imaging phytoplankton – analyzing the Baltic Sea phytoplankton communities using Imaging FlowCytobot

Kaisa Kraft (Finland) - [Poster 2](#)

P-029 | Distribution and abundance of toxic HABS and oceanographic conditions during summer 2017 in sub antarctic waters of Southern Chile

Maximo Frangopulos (Chile) - [Poster 3](#)

P-030 | Combination of “machine learning” methodologies and imaging-in-flow system to detect Harmful Algae semi-automatically

Guillaume Wacquet (France) - [Poster 1](#)

P-031 | Automated techniques to follow the spatial distribution of Phaeocystis globosa and diatoms spring blooms in the Channel and North Sea

Arnaud Louchart (France) - [Poster 2](#)

P-032 | Micro-phytoplankton and Alexandrium catenella abundances, in relation to climatic-oceanographic indices in the Magellan region, Chile

Gemita Pizarro (Chile) - [Poster 3](#)

P-033 | Forecasting ‘every beach, every day’ to improve public health information during karenia brevis blooms

Michelle C. Tomlinson (USA) - [Poster 1](#)

P-034 | Cyanobacteria and Brazil's greatest environmental impact: a worrying past

Fabiola Chrystian Oliveira Martins (Brazil) - [Poster 2](#)

P-035 | Pulse-Amplitude Modulated (PAM) Fluorometry to Assess N, P, and Fe-Limitation in Freshwater Harmful Bloom-Forming Cyanobacteria

Katherine Perri (USA) - [Poster 3](#)

P-036 | Dinoflagellate dense bloom and the enhancement of sea surface temperature stratification

Mary Carmen Ruiz-de la Torre (Mexico) - Poster 2

ECOLOGY - FROM THE ECOLOGICAL NICHE TO POPULATION DYNAMICS AND BIOGEOGRAPHY

P-037 | Recruitment of bloom-forming cyanobacteria, particularly *Nodularia spumigena*, in the Baltic Sea

Norbert Wasmund (Germany) - Poster 3

P-038 | Thermal tolerance of non-toxic and toxic phytoplankton: Implications to their biogeography in the future ocean

Brisneve Edullantes (United Kingdom) - Poster 3

P-039 | Mixotrophy in the bloom-forming euglenophyte *Eutreptiella eupharyngea*

Yeong Du Yoo (Republic of Korea) - Poster 1

P-040 | Harmful Algal Blooms along the Red Sea

Amany Ismael (Egypt) - Poster 2

P-041 | Genetic diversity of the golden tide forming alga *Sargassum horneri* in the Yellow Sea inferred from multiple organelle DNA markers

Feng Liu (China) - Poster 3

P-042 | Assessing realised niche of toxic phytoplankton species along the French Atlantic coast

Carles Guallar (Spain) - Poster 1

P-043 | Submarine groundwater nutrients inputs drive exceptional blooms of *P.micans* in Kinvara Bay, Ireland

Clynton Gregory (Ireland) - Poster 2

P-044 | An exceptional summer bloom of *Dinophysis acuta* in a Chilean fjord^(*)

Patricio A. Díaz (Chile) - Poster 3

P-045 | Water Hyacinths as Cyanobacterial Bloom Control

Hongjie Qin (China) - Poster 1

P-046 | Environmental factors leading to the occurrence of a harmful alga, *Vicicitus globosus*, in the center of the Seto-Inland Sea, Japan

Shizuka Ohara (Japan) - Poster 3

P-047 | New quantitative real-time PCR assay to detect and quantify the azaspiracid-producing dinoflagellate *Amphidoma languida*

Stephan Wietkamp (Germany) - Poster 1

P-048 | Revealing the distribution and relative abundance of harmful microalgae species in the South China Sea by metagenomics analysis

Po Teen Lim (Malaysia) - Poster 2

P-049 | Wide distribution of the domoic-acid-producing benthic diatom *Nitzschia navis-varingica* at mangrove forests along the Strait of Malacca

Chui Pin Leaw (Malaysia) - Poster 3

P-050 | Application of Solid Phase Adsorption Toxin Tracking (SPATT) for the field detection of toxins in Sfax Region (Gulf of Gabès, Tunisia)

Walid Medhioub (Tunisia) - Poster 1

P-051 | Annual blooms of a resident *Dinophysis acuminata* population in Port Underwood, Marlborough Sounds, New Zealand

Lincoln Mackenzie (New Zealand) - Poster 2

P-052 | Generalist life cycle despite strong seasonality - peculiarities of the dinoflagellate *Alexandrium ostenfeldii* in the Baltic Sea

Jacqueline Jerney (Finland) - Poster 3

P-053 | To be or not to be: identifying genetic variation in toxic and non-toxic strains of the cyanobacteria *Microcystis botrys*

Emma Johansson (Sweden) - Poster 1

P-054 | Pseudo-nitzschia specific diversity in the Gulf of Trieste

Marina Cabrini (Italy) - Poster 2

P-055 | A hypervariable mitochondrial gene associated with geographical origin in a cosmopolitan bloom-forming alga, *Heterosigma akashiwo*

Shoko Ueki (Japan) - Poster 3

P-056 | Association of *Alexandrium ostenfeldii* with spiroside accumulation in cultured mussels (*Mytilus galloprovincialis*) from northwest Mexico

Patricia Paredes-Banda (Mexico) - Poster 1

P-057 | Detailed insights into *Alexandrium catenella* (Dinophyceae) (Group 1 genotype) population structure and evolution

Uwe John (Germany) - Poster 2

P-058 | Dinoflagellate cyst assemblage of West Johor Strait, Singapore

Shereen Yim (Singapore) - Poster 3

P-059 | Polycyclic Aromatic Hydrocarbons effect on the growth rate and photosynthetic activity of the toxic *Alexandrium pseudogonyaulax*

Mohamed Laabir (Tunisia) - Poster 1

P-060 | Harmful epibenthic dinoflagellates in two Southern Mediterranean ecosystems: The Bizerte Bay and Lagoon (North of Tunisia)

Mohamed Laabir (Tunisia) - Poster 2

P-061 | Species dynamics and associated toxin composition of harmful algae at a shellfish aquaculture site on the Bohus coast of western Sweden

Allan Douglas Cembella (Germany) - Poster 3

P-062 | First assessment of marine dinoflagellates community in the Galapagos Marine Reserve

Olga Carnicer (Spain) - Poster 1

P-063 | Protist functional diversity across size-fractionated coastal planktonic communities
Raffaele Siano (France) - Poster 2

P-064 | Ecological niches of the five epiphytic dinoflagellates genera in the T-S-host space quantified at coastal waters of Jeju Island Korea
Wonho Yih (Republic of Korea) - Poster 3

P-065 | Harmful species associated to massive Atlantic salmon mortalities while transported through the Gulf of Penas, southern Chile
C. Andrea Toro (Chile) - Poster 1

P-066 | Relationships between environmental conditions and phytoplankton in the Mellah lagoon (Algeria), with an emphasis on HABs species
Mohamed Anis Draredja (Algeria) - Poster 2

P-067 | Co-occurrence of *Pyrodinium bahamense* var. *bahamense* and *Pyrodinium bahamense* var. *compressum* (Gonyaulacales) in the Pacific, Guatemala
Josué Garcia-Perez (Guatemala) - Poster 3

P-068 | Diversity of the potentially toxic diatom genus *Pseudo nitzschia* in the northern Adriatic Sea
Daniela Maric Pfannkuchen (Croatia) - Poster 1

P-069 | Diversity, population dynamics and ecology of cyanobacteria in the lagoon Aghien (Ivory Coast)
Mathias Ahoutou (France) - Poster 2

P-070 | Emerging Chemical Ecology Paradigm or New Plankton Paradox: Phycotoxins as Allelochemical Drivers of Harmful Algal Dynamics
Allan Douglas Cembella (Germany) - Poster 3

P-071 | Cyanobacteria in the Guarapari lagoons (ES, Brazil): unknown beings in ecosystems also unknown⁽¹⁾
Fabiola Chrystian Oliveira Martins (Brazil) - Poster 1

P-072 | Variability patterns of toxic epibenthic microalgae *Prorocentrum lima* in the Gulf of Gabès (south-eastern Mediterranean Sea)
Lamia Walha Dammak (Tunisia) - Poster 2

P-073 | The growth feature of *Ulva prolifera* from rooted to floated growing process in Subei shoal
Xiao-Tian Han (China) - Poster 3

ECOLOGY – HARMFUL ALGAE AND GLOBAL CHANGE

P-074 | Analysis of trace levels of domoic acid in seawater and plankton net samples from the Golden Horn Estuary (Sea of Marmara, Turkey)^(*)

Fuat Dursun (Turkey) - **Poster 2**

P-075 | Seasonal patterns in the occurrence of red tides in Santa Marta and surrounding bays, Colombian Caribbean

Natalia María Arbeláez (Colombia) - **Poster 3**

P-076 | Inhibition of massive blooms of *Cochlodinium polykrikoides* due to abnormal high temperature from Changjiang River discharge in Korea

Seung Ho Baek (Republic of Korea) - **Poster 1**

P-077 | Co-development for HAB climate services

Beatrix Anna Siemering (Ireland) - **Poster 2**

P-078 | Web-tool services for investigation of sea anomalies by abundance of harmful algal blooms retrieved from satellite monitoring data

Victor Savorskiy (Russian Federation) - **Poster 3**

P-079 | Habitat effects on *Ostreopsis cf. ovata* bloom dynamics

Lorenzo Meroni (Italy) - **Poster 2**

P-080 | Fundamental study on the practical application of eco-friendly materials for the removal of *Cochlodinium polykrikoides*

Jong-Woo Park (Republic of Korea) - **Poster 3**

P-081 | Mediterranean long-term study shows correlation between *Ostreopsis cf. ovata* bloom timing and spring temperature^(*)

Kévin Drouet (France) - **Poster 1**

P-082 | Urea-induced toxic *Pseudo-nitzschia seriata* bloom in Danish waters

Anna Junker Olesen (Denmark) - **Poster 2**

P-083 | Long term study of the environmental factors associated with the dynamics of the toxic dinoflagellate *Cymnodinium catenatum* in Uruguay

Silvia Marina Mendez (Uruguay) - **Poster 3**

P-084 | Distribution of marine phycotoxins along the Greenland west coast during summer 2017

Bernd Krock (Germany) - **Poster 1**

P-085 | Impact of global change (irradiance and temperature) on growth and ovatoxins production of *Ostreopsis cf. ovata*.^(*)

Marin-Pierre Gémín (France) - **Poster 2**

P-086 | Cyanobacteria dynamics: Comparison of two different ecological modeling approaches

Francesco Piccioni (France) - **Poster 3**

P-087 | Occurrence of bloom-forming *Microcystis* sp. in an oligotrophic North Patagonian lake of Chile

Patricio Diaz (Chile) - [Poster 1](#)

P-088 | The effect of temperature on physiology and toxicity of the benthic dinoflagellates *Coolia* spp. isolated from Hong Kong waters

Meng Yan (Hong Kong) - [Poster 2](#)

P-089 | *Alexandrium* species, harmful or environmentally friendly?

Amandine Caruana (France) - [Poster 1](#)

P-090 | Long term pattern of toxic phytoplankton species occurrence along the Eastern Adriatic

Živana Ninčević Gladan (Croatia) - [Poster 2](#)

P-091 | Climate changes effect on Algal Organic Matter and MC-LR production: lab culture experiments and in-situ monitoring

Helene Thuret Benoist (France) - [Poster 3](#)

P-092 | Adaptive response to global warming detected in a life cycle trait of revived Baltic Sea dinoflagellates

Anke Kremp (Germany) - [Poster 1](#)

P-093 | Occurrence and spatial distribution of typical lipophilic algal toxins in seawater of Pearl River Estuary and Hong Kong Waters, China

Xin Li (China) - [Poster 2](#)

P-094 | A 40 year dataset on the species composition and ecology of the genus *Dinophysis* in the open waters of the northern Adriatic

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Weolae Lim (Republic of Korea) - [Poster 1](#)

P-096 | Impact of agro-industrial residues on the physico-chemical quality and phytoplankton diversity of some rivers of Cameroon

Marie Pascale Banga Medjo (Cameroon) - [Poster 2](#)

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Maximo Frangopulos (Chile) - [Poster 3](#)

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Sandric Chee Yew Leong (Singapore) - [Poster 2](#)

P-100 | Morphological, ecological and toxicological aspects of *Cylindrospermopsis raciborskii* in a eutrophic urban lake in southern Brazil

H. Dail Laughinghouse (USA) - [Poster 3](#)

P-101 | Investigation of germination characteristics of *Lingulodinium polyedra* cysts from Loch Creran, Scotland⁽¹⁾

Cathy Winterton (United Kingdom) - **Poster 1**

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Vitor Vasconcelos (Portugal) - **Poster 2**

P-103 | The Status Harmful Algal Blooms (HABs) in the Coastal Waters of Ghana

Yaw Serfor-Armah (Ghana) - **Poster 1**

TAXONOMY

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Lourdes Morquecho (Mexico) - **Poster 2**

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Zhun Li (Republic of Korea) - **Poster 3**

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Hyeon Ho Shin (Republic of Korea) - **Poster 1**

P-107 | Discovery of novel "epiphytic" *Alexandrium* spp.: Molecular phylogeny, toxicity, and population dynamics in Japanese coastal waters

Tomohiro Nishimura (New Zealand) - **Poster 2**

P-108 | Morpho-molecular diversity of Amphidomataceae (Dinophyceae) in France and French territories and relation to azasparacid toxins

Elisabeth Nézan (France) - **Poster 3**

P-109 | Morphology and molecular characterization of planktonic *Prorocentrum* species from coastal waters of Buenos Aires Province (Argentina)

Ines Sunesen (Argentina) - **Poster 2**

P-110 | First report of *Alexandrium* affine in Uruguay; molecular, morphological and toxicological study of a bloom during summer 2017

Silvia Marina Mendez (Uruguay) - **Poster 3**

P-111 | Morphology and phylogeny of harmful dinoflagellate *Takayama* sp. associated with massive fish kills in Bolinao, Northwestern Philippines

Garry Aniban Benico (Japan) - **Poster 1**

P-112 | Ultrastructure and phylogeny of *Asterodinium gracile* collected from Nagasaki, Japan

Garry Aniban Benico (Japan) - **Poster 2**

P-113 | Morphology and phylogeny of two *Azadinium* species isolated from Japan

Mitsunori Iwataki (Japan) - **Poster 3**

P-114 | An undescribed marine woloszynskioid dinoflagellate *Dactyloidium* sp. (Borghiellaceae) with a curving apical groove and ejectile bodies

Wai Mun Lum (Japan) - **Poster 1**

P-115 | Phylogenetic and morphological comparisons of *Chattonella* spp. collected from Southeast Asia

Wai Mun Lum (Japan) - **Poster 2**

P-116 | An undescribed karenian dinoflagellate harboring peridinin-type chloroplast with an eyespot

Kazuya Takahashi (Japan) - **Poster 3**

P-117 | Ultrastructure of an unarmored dinoflagellate *Kapelodinium* sp. possessing yellowish chloroplasts derived from a haptophyte

Kazuya Takahashi (Japan) - **Poster 1**

P-118 | Revisiting the taxonomy of the “*Dinophysis acuminata* complex” (Dinophyta)

JeongHa Park (Republic of Korea) - **Poster 3**

P-119 | Morphology and phylogeny of two new parasitoids (Perkinsozoa) of the marine dinoflagellates

Boo Seong Jeon (Republic of Korea) - **Poster 1**

P-120 | Morphological and phylogenetic characterization of *Amphidinium* (Dinophyceae) strains from the Bay of Biscay and the Mediterranean Sea^(*)

Louis-Josselin Lavier-Aydat (France) - **Poster 2**

P-121 | Preliminary results from an investigation into sedimentation rates of preserved harmful algal species

Sarah Catherine Swan (United Kingdom) - **Poster 3**

P-122 | Diversity of species of the *Pseudo-nitzschia* genus (Peragallo, 1900) in the subantarctic ecoregion of the southern Pacific, Chile

M. A. Pinto Torres (Chile) - **Poster 1**

P-123 | Characterisation of *Gambierdiscus lewisii* sp. nov. and *Gambierdiscus holmesii* sp. nov. from the Great Barrier Reef, Australia

Shauna Murray (Australia) - **Poster 2**

P-124 | First detection of domoic acid produced by *Pseudo-nitzschia multistriata* in Peruvian waters

Gonzalo Alvarez (Chile) - **Poster 3**

P-125 | Diversity and bioactivities of cyanobacteria in the BCCM/ULC public collection

Annick Wilmotte (Belgium) - **Poster 3**

P-126 | First Report of *Vulcanodinium rugosum* and Pinnatoxins in the Arabian Gulf

Abdulrahman Al Muftaha (Qatar) - **Poster 3**

TOXIN ANALYSIS - NOVEL DETECTION METHODS

- P-127** | Biochemical characterization of hemolytic toxin of dinoflagellate *Karenia mikimotoi* Tatsuya Oda (Japan) - **Poster 1**
- P-128** | «Cyclic imines (CIs) in mussels from north-central Adriatic Sea: first report of gymnodimines in Italy»
Simone Bacchiocchi (Italy) - **Poster 2**
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Kenneth Neil Mertens (France) - **Poster 3**
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Ambbar Estefania Aballay González (Chile) - **Poster 2**
- P-132** | Using a validated and accredited real time PCR method for the detection of *Azadinium spinosum* in seawater for rapid routine monitoring
Dave Clarke (Ireland) - **Poster 3**
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Sarah Bickman (USA) - **Poster 1**
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Oscar Armando Amaya (El Salvador) - **Poster 2**
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P-144 | Toxicokinetic evaluation of the diarrheic shellfish toxins administered orally to mice
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P-145 | NeuroTorp: Fast & Early Warning Device for the Detection of Aquatic Neurotoxins by end-users
Romulo Araoz (France) - Poster 1

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Christopher R. Loeffler (Germany) - Poster 2

P-147 | Culture of *Azadinium spinosum* (strain 3D9) in small scale and large scale bioreactors provides new information on toxin production
Rafael Salas (Ireland) - Poster 3

P-148 | From development to implementation of a new LC-MS/MS approach to quantify 43 lipophilic toxins within the French monitoring program
Zouher Amzil (France) - Poster 1

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Jaouad Naouli (Morocco) - Poster 2

P-150 | Immunoaffinity columns for clean-up and concentration of algal toxins
Ingunn Samdal (Norway) - Poster 3

P-151 | Screening of tetrodotoxin in bivalve molluscs from galician rias: a second attempt along spring-summer 2018
Oscar Vilariño (Spain) - Poster 1

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P-153 | Cytotoxic constituents from the Korean benthic Marine Dinoflagellate *Prorocentrum lima*
Sangbum Lee (Republic of Korea) - Poster 1

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Christopher Olpindo Mendoza (Philippines) - Poster 2

P-155 | The occurrence of and effects of processing on 40+ azaspiracids in British shellfish^(*)
Alison O'neill (United Kingdom) - Poster 3

P-156 | Identification of [Asp³]MC-ER in a culture of *Planktothrix prolifica*
Silvio Uhlig (Norway) - Poster 1

P-157 | Multiclass Analysis of Polar Marine Toxins by Capillary Electrophoresis-Tandem Mass Spectrometry
Pearse McCarron (Canada) - Poster 2

P-158 | Characterization of novel halogenated natural products in *Prymnesium polylepis*
Thomas Ostenfeld Larsen (Denmark) - Poster 2

P-159 | Enhancing harmful algal monitoring using low cost real-time sensing technologies
Matthew Smith (USA) - Poster 3

P-160 | Survey of Historical Irish Shellfish Samples for Tetrodotoxin (TTX)
Conor Duffy (Ireland) - Poster 1

P-161 | MS/MS-Based Molecular Networking Approach for the Detection of Aplysia-toxin-Related Compounds in Environmental Marine Cyanobacteria
Lik Tong Tan (Singapore) - Poster 2

P-162 | Determination of Gonyautoxin-4 in Echinoderms and Gastropod Matrices by Conversion to Neosaxitoxin
Vitor Vasconcelos (Portugal) - Poster 3

P-163 | Analysis of PSP toxins in Moroccan shellfish by MBA, HPLC and RBA Methods: monitoring and research
Radid Abouabdellah (Morocco) - Poster 1

P-164 | Survey of algal toxins in the arabian gulf off the coast of Qatar- status in 2017
Abdulrahman Al Muftaha (Qatar) - Poster 1

«OMIC» TECHNOLOGIES: GENOMICS, TRANSCRIPTOMICS, PROTEOMICS & METABOLOMICS OF HABS

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Andreja Kust (Czech Republic) - Poster 2

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Andrew David Turner (United Kingdom) - Poster 3

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Naomasa Oshiro (Japan) - Poster 3

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Angel Ramon Moreira Gonzalez (Cuba) - Poster 2

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Magda Vila (Spain) - Poster 3

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Romulo Araoz (France) - Poster 1

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Woojun Park (Republic of Korea) - Poster 2

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Chi-Yong Ahn (Republic of Korea) - Poster 3

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Ingrid Sassenhagen (France) - Poster 1

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Cecilia Totti (Italy) - Poster 2

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Sunju Kim (Republic of Korea) - Poster 1

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Fatma Zohra Cuellati (Algeria) - Poster 2

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Javier eliseo Paredes (Chile) - Poster 3

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Cecilie Lara (Denmark) - Poster 3

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Natalie Flores (USA) - Poster 2

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Beata Bober (Poland) - Poster 1

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Silvia Mattos Nascimento (Brazil) - Poster 2

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Leila Basti (Japan) - Poster 1

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Ernesto Garcia-Mendoza (Mexico) - Poster 2

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Juan Blanco (Spain) - Poster 3

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Zorigto Namsaraev (Russian Federation) - Poster 3

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Cintia Flores (Spain) - Poster 3

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Fatima Souilmi (Morocco) - Poster 3

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Ingrid Puillat (France) - Poster 1

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Julie Steynen (Belgium) - Poster 3

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Linda Karen Medlin (United Kingdom) - Poster 1

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Ryoko Yano (Japan) - Poster 2

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Rendy Ruvindy (Australia) - Poster 1

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Stéphane Sauvagere (France) - Poster 1

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Florent Colas (France) - Poster 2

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Katrina Campbell (United Kingdom) - Poster 3

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Seonghwan Park (Republic of Korea) - **Poster 2**

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Amparo Alfonso (Spain) - **Poster 2**

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Tim Piel (Netherlands) - **Poster 3**

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Xihua Cao (China) - **Poster 2**

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Xiuxixan Song (China) - **Poster 3**

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Miriam Seguel (Chile) - **Poster 2**

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Miriam Seguel (Chile) - **Poster 1**

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Stephen Burrell (Ireland) - **Poster 2**

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Charles Wingert (USA) - **Poster 1**

EPIDEMIOLOGY, REPORTS OF HUMAN OUTBREAK CASES

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Medina Omo Kadiri (Nigeria) - **Poster 2**

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Andrea Rivera Belmar (Chile) - **Poster 3**

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Louise Vanysacker (Belgium) - **Poster 1**

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Melissa Peacock (USA) - **Poster 3**

INTEGRATED ECOSYSTEM ASSESSMENT AND FORESIGHT PLANNING (SCENARIO BUILDING, HABS AND MULTI-USE OFFSHORE PLATFORMS, HABS AND DESALINATION...)

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Joe Silke (Ireland) - **Poster 1**

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Luc Brient (France) - **Poster 1**

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Michael Brosnahan (USA) - **Poster 2**

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Jeyan Sreekumar (United Kingdom) - **Poster 1**

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Michelle C. Tomlinson (USA) - **Poster 2**

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Nicky Haigh (USA) - Poster 1

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Kerstin Toebe (Germany) - Poster 3

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P-336 | Paralytic shellfish toxin accumulation and metabolization in Sydney Rock Oysters (*Saccostrea glomerata*) selected for growth

Malwenn Lassudrie (France) - Poster 1

P-337 | Fatty acid esters of gymnodimine in some field shellfishes and mussels (*Mytilus galloprovincialis*) fed with *Karenia selliformis*

Ying Ji (China) - Poster 2

P-338 | Distribution and differences of diarrhetic shellfish toxins in Japanese scallops

Ryoji Matsushima (Japan) - Poster 3

P-339 | The effects of water depths and geographical distances on toxicity variability of paralytic shellfish toxins accumulated in bivalves

Ryuichi Watanabe (Japan) - Poster 1

P-340 | Response of CYP450 to exposure of the DSP toxins-producing dinoflagellate *Prorocentrum lima* in *Perna viridis*

Wei-Dong Yang (China) - Poster 2

P-341 | Target screening for potential dioxin-like compounds in Japanese bivalves using GCxGC-TOFMS

Akitoshi Goto (Japan) - Poster 3

P-342 | Analysis of tetrodotoxin in flesh of a pufferfish, *Takifugu flavipterus*, collected from the Seto Inland Sea, Japan

Naomasa Oshiro (Japan) - Poster 1

P-343 | YTX and HOMOYTX accumulation in mussels as footprint, respectively, of *Prorocentrum reticulatum* and *Gonyaulax spinifera* blooms

Rossella Pistocchi (Italy) - Poster 2

P-344 | Toxin accumulation in benthic marine fauna and exposure of juvenile green turtles to potentially toxic microalgae in southern Brazil

Angel Ramon Moreira Gonzalez (Cuba) - Poster 3

P-345 | **Prorocentrum lima**, a new diarrhetic shellfish toxins producer in northern Chile
Gonzalo Alvarez (Chile) - Poster 1

P-346 | Biodilution of cyanobacterial toxin microcystin in small fish from eutrophic Nyanza Gulf, Lake Victoria, Kenya
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P-347 | Ciguatoxin kinetics of a reconstructed coral reef food web: a controlled multi-pathway feeding study with caridean shrimp and damselfish
Clayton Bennett (USA) - Poster 3

P-348 | Biosynthetic enzymes related to marine polyethers in dinoflagellate extracts⁽¹⁾
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P-349 | Combined effects of warming and acidification on PSP toxins accumulation and genotoxicity in mussels *Mytilus galloprovincialis*
Pedro R Costa (Portugal) - Poster 2

P-350 | Presence and persistence of the amnesic shellfish poisoning toxin, domoic acid, in octopus and cuttlefish brains
Pedro R Costa (Portugal) - Poster 3

P-351 | Evidence of *Noctiluca scintillans* grazing during a bloom of toxic *Dinophysis acuminata* complex, south Brazil⁽¹⁾
Bruna Sobrinho (Brazil) - Poster 1

P-352 | High uptake and slow elimination of diarrhetic toxins by scallops (*Nodipecten nodosus*) under simulated bloom conditions
Isabel Leite (Brazil) - Poster 2

P-353 | Depuration and anatomical distribution of domoic acid in the scallop *Argopecten purpuratus*
Gonzalo Alvarez (Chile) - Poster 2

P-354 | Lipophilic Toxins profiles in cockle and smooth clam from the central Adriatic Sea (Croatia)
Ivana Ujevic (Croatia) - Poster 1

P-355 | Kinetics of BMAA accumulation and detoxification by the freshwater bivalves *Anodonta anatina* and *Dreissena polymorpha*
Alexandra Lepoutre (France) - Poster 2

P-356 | Lipophilic toxins in three bivalve species from Bahía de La Paz, Mexico
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P-357 | Experimental exposure of *Mytilus* sp. to two toxic UK *Alexandrium* species, implications for English monitoring programmes⁽¹⁾
Adam Lewis (United Kingdom) - Poster 2

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Chunlei Gao (China) - Poster 3