

RESEARCH CONFERENCES

ESF-COST High-Level Research Conference

Marine Biotechnology: Future Challenges

Hotel Villa del Mare, Acquafredda di Maratea, Italy • Italy

20-25 June 2010

List of Accepted Posters

	Surname	First Name	Poster Title
1	Adams	Jessica	Seasonal variation in the macroalgae <i>Laminaria digitata</i> through thermochemical analysis and its impact on biofuel production.
2	Atamna-Ismaeel	Nof	Spatial and Seasonal distribution of Proteorhodopsins and Actinorhodopsins in marine and freshwater ecosystems Nof Atamna-Ismaeel ¹ , Fabian Glaser ³ , Itai Sharon ^{1,2} and Oded Beja ¹ 1. Faculty of Biology, 2. Faculty of Computer Science, 3. Bioinformatics Knowledge Unit, Lorry I. Lokey Interdisciplinary Center for Life Sciences and Engineering, Technion-Israel Institute of Technology, Haifa 32000, Israel
3	Cagatay	Tulay	Detection of Major Fish Pathogens with Multiple PCR in Turkey
4	Divya	Baby	16SrRNA and dsrB diversity in oxygen minimum zone sediments of eastern Arabian Sea using PCR-DGGE analysis
5	Dunker	Rita	Application of benthic microbial fuel cells for alternative energy supply
6	Einarsson	Hjorleifur	Hheterotrophs from Icelandic waters. Einarsson, H. University of Akureyri, Iceland
7	Elbaz	Amit	Whole cell Biosensor for real time monitoring of toxicity in water resources
8	Flemer	Burkhardt	Antimicrobial activities from marine sponges and sponge derived microbes Burkhardt Flemer ¹ , Jonathan Kennedy ¹ , Ru-Angelie Edrada-Ebel ² , Alexander M. Meyer ¹ , John Morrissey ^{1, 3} , Fergal O’Gara ^{1, 3, 4} and Alan Dobson ^{1, 3} 1 Marine Biotechnology Centre, Environmental Research Institute, University College Cork, Cork, Ireland 2 Strathclyde Institute of Pharmacy and Biomedical Science, University of Strathclyde, Glasgow, UK 3 Department of Microbiology, University College Cork, Cork, Ireland 4 BIOMERIT Research Centre, University College Cork, Cork, Ireland
9	Fruitier-Arnaudin	Ingrid	Purification and characterization of secreted proteases from three <i>Vibrio harveyi</i> like strains isolated from the Pacific oyster <i>Crassostrea gigas</i> . I.Fruitier-Arnaudin ¹ , Rachida Mersni ¹ , Saulnier Denis ² . 1 UMR CNRS 6250 LIENSs -Université de La Rochelle, Bât Marie-Curie, Av. M. Crépeau, 17042 La Rochelle cedex 1.

			2 Laboratoire de Génétique et Pathologie, IFREMER, BP 33, av. du Mus de Loup, 17390 La Tremblade, France
10	Golberg	Karina	Natural Quorum Sensing Inhibitors and Inducers from Marine Bacteria
11	Imhoff	Johannes F.	Natural products from bacteria associated with marine sponges and algae Johannes F. Imhoff, Imke Schneemann, Inga Kajahn, Antje Labes & Jutta Wiese
12	Kientz	Betty	Institut für Meereswissenschaften IFM-GEOMAR, Düsternbrooker Weg 20, D-24105 Kiel, Germany Characterization of culturable bacterial populations associated to sediments and marine organisms Kientz B., Agogué H., Rosenfeld E. UMR 6250, LIENSs laboratory, CNRS-University of La Rochelle, France. betty.kientz@univ-lr.fr
13	Lauritano	Chiara	Stress genes in the copepod <i>Calanus helgolandicus</i> . Lauritano C., Borra M., Carotenuto Y., Biffali E., Procaccini G., Ianora A. Stazione Zoologica Anton Dohrn, Villa comunale 1, 80121, Napoli
14	Matetovici	Irina	Characterization of non-LTR retrotransposons in marine gastropods Irina Matetovici, Beatrice Kelemen, Octavian Popescu, Annette Damert "Babes-Bolyai" University Cluj-Napoca, Romania
15	Nardello	Ilaria	The Irish Marine Biotechnology & Biodiscovery Programme
16	Navarro	Emilio	Energy biotechnology with cyanobacteria: An analysis of potential production of photobiological fuels. E Navarro(1), A Montagud (2), R Castañeda(3), P Fernandez de Cordoba(2), JF Urchuegui(2) (1)Universidad de Malaga (2)Universidad Politecnica de Valencia (3)Universidad Catolica de Valencia San Vicente Martir
17	Pasiuga	Volodymyr	Artemia hatching and chromatin state after the influence of magnetic and electromagnetic fields Pasiuga V.N., Shckorbatov Y.G., Rudneva I.I., Grabina V.A., Kolchigin N.N., Ivanchenko D.D., Kazanskiy O.V., Shayda V.G.
18	Pasquet	Virginie	Comparative analysis of microalgal pigments extraction strategies: Microwave Assisted Extraction (MAE) and Vacuum Microwave Assisted Extraction (VMAE) as efficient, rapid and non-degradative processes Virginie Pasquet 1, Jean-René Chérouvrier 1, Firas Farhat 1, Valérie Thiéry 1, Jean-Marie Piot 1, Jean-Paul Cadoret 2 and Laurent Picot 1*. 1 : UMR CNRS 6250 LIENSs, University of La Rochelle, France. 2 : IFREMER PBA, Nantes, France. * corresponding author
19	Pearson	Gareth Anthony	Metatranscriptomic explorations of Southern Ocean phytoplankton communities. 1Gareth A Pearson, 1Asuncion Lago-Leston, 1Fernando Canovães, 2Susana Agusti, 2Carlos M Duarte and 1Ester TA Serrão. 1CCMAR-CIMAR, Universidade do Algarve, 8005-139 Faro, Portugal 2Instituto Mediterraneo de Estudios Avanzados, IMEDEA CSIC-UIB, Esporles, Mallorca, Spain.
20	Picot	Laurent	Comparative analysis of microalgal pigments extraction strategies: Microwave Assisted Extraction (MAE) and Vacuum Microwave Assisted Extraction (VMAE) as efficient, rapid and non-degradative processes Virginie Pasquet 1, Jean-René Chérouvrier 1, Firas Farhat 1, Valérie Thiéry 1, Jean-Marie Piot 1, Jean-Paul

			<p>Cadoret 2 and Laurent Picot 1*. 1: UMR CNRS 6250 LIENSs University of La Rochelle, France 2 : IFREMER PBA, Nantes, France * Corresponding author</p>
21	Piscopo	Stefania	<p>Evaluation of the hERG potassium channel as a potential biosensor and 'hit ' target for the screening of the environmental and cytotoxic effects of engineered nanoparticles. Stefania Piscopo, & Euan R Brown Dept. of Animal Phisiology and Evolution, Stazione Zoologica Anton Dohrn.</p>
22	Rotllant	Josep	<p>MOLECULAR BASIS OF PIGMENT PATTERN DEFECTS IN FINFISH SPECIES. IMPLICATIONS FOR A SUSTAINABLE FLATFISH AQUACULTURE. Rotllant, J1., Ceinos, R.M1., Torres-Nuñez, E1., Guillot, R2., Puchol, S2., Cal, R3., and Cerdá-Reverter, J.M.2</p> <p>(1) Instituto de Investigaciones Marinas (IIM- CSIC) Vigo, Pontevedra, Spain. (2) Instituto de Acuicultura Torre de La Sal (IATS-CSIC). Castellón, Spain. (3) Instituto Español de Oceanografía (IEO) Vigo, Pontevedra, Spain. *E-mail: rotllant@iim.csic.es</p>
23	Sicheritz-Ponten	Thomas	<p>Metagenomic screening tools for high diversity extreme environments</p>
24	Sukhotin	Alexey	<p>Development of blue mussel culture in an Arctic sea: wins and challenges. A.A. Sukhotin, V.V. Khalaman White Sea Biological Station, Zoological Institute, St.-Petersburg, Russia</p>
25	Suzuki	Marcelino	<p>Isolation of bacteria associated with the marine sponge <i>Crambe crambe</i> using acclimatization cultivation</p>
26	Vasquez	Monica	<p>Bioinformatic prediction of a novel cyclic peptide synthesized by non-ribosomal peptide synthetases in the cylindrospermopsin-producing cyanobacterium <i>Cylindrospermopsis raciborskii</i> CS-505. JJ Fuentes-Valdés¹, Stucken K.², D. Mandakovic¹, Pedrós-Alió C.³, Cembella A.D.² and Vásquez M¹. ¹Faculty of Biological Sciences, Pontificia Universidad Católica de Chile, Santiago, Chile ² Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany ³ Instituto de Ciencias del Mar, ICM, Barcelona, Spain</p>
27	Waller	Uwe	<p>Sustainability through better aquaculture technology</p>
28	Wiese	Jutta	<p>Sustainable use of marine bacteria and fungi: biotechnological applications</p> <p>Jutta Wiese, Heike Baumann, Inga Kajahn, Antje Labes, Birgit Ohlendorf, Rolf Schmaljohann, Dirk Schulz, Rüdiger Stöhr, Heidi Zinecker, Johannes F. Imhoff</p>