

SCIENTIFIC OUTPUT 2009



ciimar

Centro Interdisciplinar
de Investigação
Marinha e Ambiental

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Content: Scientific output of CIIMAR in 2009.

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A. PUBLICATIONS

EDITED BOOKS

1. Cabral, JP. 2009. Gonçalo Sampaio. Professor e Botânico Notável. Editora da Universidade do Porto, Série Memória 1, Porto, 338 pp. ISBN 978-972-8025-84-7.
2. Cabral, JP. 2009. Gonçalo Sampaio. Vida e Obra – Pensamento e Acção. Edição da Câmara Municipal da Póvoa de Lanhoso, Póvoa de Lanhoso, 301 pp. ISBN 972-96776-5-8.
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4. Neto, AI, Wallenstein, FM, Álvaro, NV, Azevedo, JMN. 2009. Guias Costeiros dos Açores: Ilha Graciosa [Coastal Guides of the Azores: Graciosa Island]. Secretaria Regional do Ambiente e do Mar e Câmara Municipal de Santa Cruz, Graciosa, Açores, Portugal.
5. Ozório, ROA. 2009. L-Carnitine and Energy Metabolism in Aquaculture. Growth Response of Catfish to Dietary L-Carnitine. LAP Lambert Academic Publishing AG & Co. KG. ISBN 978-3-8383-0560-8.
6. Wallenstein, FM, Neto, AI, Álvaro, NV, Tittley, I, Azevedo, JMN. 2009. Metodologias para caracterização de biótopos e caracterização geral de comunidades costeiras em Ilhas Oceânicas [Methodologies for Biotope Surveys and General Benthic Coastal Community Characterization in Oceanic Islands]. Secretaria Regional do Ambiente e do Mar, Portugal.

BOOKS (Chapters)

1. Afonso, MJ, Chaminé, HI, Gomes, A, Fonseca, PE, Marques, JM, Guimarães, L, Guilhermino, L, Teixeira, J, Carvalho, JM, Rocha, FT. 2009. Urban hydrogeomorphology and geology of the Porto metropolitan area (NW Portugal): a multidisciplinary approach. In: Culshaw, MG, Reeves, HJ, Jefferson, I, Spink, TW (Eds). Engineering geology for tomorrow's cities. Engineering Geology Special Publication, The Geological Society of London. Volume 22 (on CD-Rom insert, IAEG Paper 92, 9 pp.). ISBN 978-1-86239-290-298.
2. Almeida, CMR, Mucha, AP, Carvalho, PN, Basto, MCP, Vasconcelos, MTSD. 2009. Mutual interactions between roots of salt marsh plants and sediments and their relevance for toxicity endpoints and rhizoremediation. In: Ramsey, G, McHugh, S (Eds). River Sediments. Frank Columbus Ed., Nova Science Publishers. ISBN 978-1-60741-437-7.
3. Borges, M-T, Santos, I, Restivo, MT, Mendes, JG, Ribeiro, H, Pereira, CM. 2009. Solving the challenge of hyperintensive aquaculture: getting the maximum monitoring output from the minimum water input. In: Silva Gomes, JF, Meguid, SA (Eds), Integrity, Reliability and Failure, Chapter II: Instrumentation and Engineering Measurement. Faculty of Engineering, University of

Porto, INEGI Editions, 676 pp. ISBN 978-972-8826-22-2; CD-ROM, ISBN: 978-972-8826-21-5, Paper Ref: S0206 P0219, 6 p.

4. Cidade, H, Neves, M, Kijjoo, A. 2009. Natural Prenylated Flavones: Chemistry and Biological Activities - An Overview. In: Brahmachari, G (Ed). Natural Products: Chemistry, Biochemistry and Pharmacology, Narosa Publishing House Pvt. Ltd., New Delhi, India, pp. 463-519.
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8. Moraes, JRE, Iwashita, MKP, Ozório, ROA, Rema, P, Moraes, FR. 2009. Influence of vitamin E supplementation on dermal wound healing in Tilapia, *Oreochromis niloticus*. In: De Carlo, F, Bassano, A (Eds). Freshwater Ecosystems and Aquaculture Research. Nova Science Publishers. ISBN 978-1-60741-707-1.

PUBLICATIONS IN INTERNATIONAL PEER REVIEWED JOURNALS

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2. Abreu, MH, Varela, DA, Henríquez, L, Villarroel, A, Yarish, C, Sousa-Pinto, I, Buschmann, AH. 2009. Traditional vs integrated multi-trophic aquaculture of *Gracilaria chilensis*. *CJ Bird, J McLachlan & EC Oliveira: productivity and physiological performance. Aquaculture* 293: 211-220. IF=1.925.
3. Agüero-Chapin, G, Varona, J, de la Riva, GA, Antunes, A, González-Villa, T, Uriarte, E, González-Díaz, H. 2009. Alignment-free prediction of polygalacturonases with pseudo-folding topological indices: experimental isolation from *Coffea Arabica* and prediction of a new sequence. *Journal of Proteome Research* 8(4): 2122-2128. IF=5.132.
4. Almeida, AM, Campos, A, van Harten, S, Cardoso, LA, Varela Coelho, A. 2009. Establishment of a proteomic reference map for the gastrocnemius muscle in the rabbit (*Oryctolagus cuniculus*). *Research in Veterinary Science* 87: 196-199. IF=1.345.
5. Almeida, CMR, Dias, AC, Mucha, AP, Bordalo, AA, Vasconcelos, MTSD. 2009. Study of the influence of different organic pollutants on Cu accumulation by *Halimione portulacoides*. *Estuarine, Coastal and Shelf Science* 85: 627-632. IF=1.970.

6. Almeida, CMR, Dias, AC, Mucha, AP, Bordalo, AA, Vasconcelos, MTSD. 2009. Influence of surfactants on the Cu phytoremediation potential of a salt marsh plant. *Chemosphere* 75: 135-140. IF=3.253.
7. Amat, N, Upur, H, Ablimit, A, Matsidik, A, Yusup, A, Kijjoa, A. 2009. Immunomodulatory effects of abnormal Savda Munsiq, a traditional Uighur medicine, on the combined stress mice. *Journal of Ethnopharmacology* 122: 42-47. IF=2.322.
8. Amorim, A, Veloso, V, Frazão, B, Alves de Matos, AP. 2009. TEM identification of *Pseudo-nitzschia* species from Lisbon Bay (NE Atlantic). *Microscopy and Microanalysis* 15(S3): 9-10. IF=3.035.
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11. Arenas, F, Rey, F, Sousa-Pinto, I. 2009. Diversity effects beyond species richness: evidence from intertidal macroalgal assemblages. *Marine Ecology Progress Series* 381: 99-108. IF=2.519.
12. Auamcharoen, W, Chandrapatya, A, Kijjoa, A, Silva, Herz, W. 2009. Chemical constituents of *Duabanga grandiflora* (Lythraceae). *Biochemical Systematics and Ecology* 37: 535-537. IF=1.131.
13. Auamcharoen, W, Kijjoa, A, Chandrapatya, A, Pinto, MM, Silva, AMS, Naengchomnong, W, Herz, W. 2009. A new tetralone from *Diospyros cauliflora*. *Biochemical Systematics and Ecology* 37: 690-692. IF=1.131.
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20. Barrento, S, Marques, A, Teixeira, B, Anacleto, P, Vaz-Pires, P, Carvalho, ML, Nunes, ML. 2009. Macro and trace elements in two populations of brown crab *Cancer pagurus*: Ecological and human health implications. *Journal of Food Composition and Analysis* 22(1): 65-71. IF=2.423.
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26. Batista-Pinto, C, Rocha, E, Castro, LFC, Lobo-da-Cunha, A. 2009. Seasonal and gender variation of peroxisome proliferator activated receptors expression in brown trout liver. *General and Comparative Endocrinology* 161: 146-152. IF=2.732.
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39. Carvalho, PN, Rodrigues, PNR, Basto, MCP, Vasconcelos, MTSD. 2009. Organochlorine pesticides levels in Portuguese coastal areas. *Chemosphere* 75: 595-600. IF=3.253.
40. Carvalho, PN, Rodrigues, PNR, Basto, MCP, Vasconcelos, MTSD. 2009. Butyltin levels in several Portuguese coastal areas. *Environmental Monitoring and Assessment* 159: 183-190. IF=1.356.
41. Casal, G, Garcia, P, Matos, P, Monteiro, E, Matos, E, Azevedo, C. 2009. Fine structure of *Chloromyxum menticirrhoi* n. sp. (Myxozoa) infecting the urinary bladder of the marine teleost *Menticirrhus americanus* (Sciaenidae) in Southern Brazil. *European Journal of Protistology* 45: 139-146. IF=1.966.
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53. Cruz, C, Saraiva, A, Santos, MJ, Eiras, JC, Ventura, C, Soares, JP, Hermida, M. 2009. Parasitic infection levels by *Anisakis* spp. larvae (Nematoda: Anisakidae) in the black scabbardfish *Aphanopus carbo* (Osteichthyes: Trichiuridae) from Portuguese waters. *Scientia Marina* 73(S2): 115-120. IF=1.174.
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(*) Protocol of collaboration with LNEG.

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B. ADVANCED TRAINING

PHD THESES

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2. Brito, Pedro. 2009. Impactos da elevação do nível médio do mar em ambientes costeiros: O caso do Estuário do Sado. PhD thesis in Geology, University of Lisbon. Supervisor: F Abrantes.
3. Campos, Joana Costa Vilhena de Bessa. 2009. The eco-geography of the brown shrimp *Crangon crangon* in Europe. PhD thesis, Vrije Universiteit Amsterdam, The Netherlands. Supervisor: SALM Kooijman, Co-supervisor: Henk van der Veer (NIOZ - Royal Netherlands Institute for Sea Research, The Netherlands).
4. Carvalho, Liliana. 2009. Metodologias para a avaliação integrada dos impactos cumulativos em sistemas fluviais de pequenas bacias sujeitas a elevadas pressões antropogénicas. PhD thesis in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Adriano Bordalo e Sá, Co-Supervisors: Rui Cortes (UTAD) and Joaquim Poças Martins (Faculty of Engineering, University of Porto).

5. Casal, Graça. 2009. Microsporidioses e Mixosporidioses da Ictiofauna Portuguesa e Brasileira: caracterização ultrastrutural e filogenética. PhD thesis in Biomedical Sciences, ICBAS, University of Porto. Supervisors: Jorge Eiras and Maria Leonor Teles Grilo.
6. Cisneros, Karla León. 2009. Filogeografia do género *Scinaia* (*Rhodophyta*) de áreas transicionais. PhD thesis, University of Azores. Supervisor: Ana Isabel Neto, Co-supervisor: Rafael Riosmena Rodríguez (University of Baja Califórnia Sur). (Thesis submitted in 2009, defense in 2010)
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8. Laporte, Jerome. 2009. Nutritional evaluation of animal by-products for the partial replacement of fish meal in diets for gilthead sea bream *Sparus aurata*. PhD thesis, School of Biological Sciences, Faculty of Sciences, University of Plymouth, UK. Supervisor: S Davies (University of Plymouth), Co-supervisor: António Gouveia.
9. Lima, Inês Marrazes. 2009. Ecotoxicological effects of petrochemical products on natural populations of *Mytilus galloprovincialis* inhabiting rocky shores along the NW coast of Portugal. PhD thesis in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Lúcia Guilhermino, Co-supervisor: Amadeu MVM Soares (CESAM, University of Aveiro). (Thesis submitted in 2009, defense in January 2010)
10. Martins, Rute. 2009. Is DAX-1 a sex-determining gene in fish? PhD thesis in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Adelino VM Canario, Co-supervisor: João Coimbra.
11. Moreira da Silva, Joana. 2009. Ammonia tolerance in the teleost fish *Misgurnus anguillicaudatus*. Surviving high ammonia and aerial exposure. PhD thesis in Aquatic Sciences, ICBAS, University of Porto. Supervisor: João Coimbra, Co-supervisor: Jonathan Wilson.
12. Moreira de Sousa, Joaquim João. 2009. Potential of integrating psi methodologies in the detection of surface deformation. PhD thesis in Surveying Engineering, Faculty of Sciences, University of Porto. Supervisor: Luísa Bastos, Co-supervisor: Ramon Hanssen (TUD, Delft). (Thesis submitted in 2009, defense in 2010)
13. Rodrigues, Teresa. 2009. Reconstrução das condições climáticas na Margem Portuguesa durante o Holocénico - Analogias com o Estádio 11. PhD thesis, Cataluña Tecnical Universitat, Spain. Supervisor: Fátima Abrantes.
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15. Seixas, Pedro. 2009. Composición bioquímica y crecimiento de paralarvas de pulpo (*Octopus vulgaris* Cuvier, 1797), alimentadas com juveniles de Artemia enriquecidos com microalgas y otros suplementos nutricionales. PhD in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Manuel Rey Mèndez (University of Santiago Compostela), Co-supervisors: Ana Otero (University of Santiago Compostela), Luísa Valente.
16. Silva, Amélia Cláudia Figueiredo. 2009. Nutritional regulation of lipid deposition in blackspot seabream (*Pagellus bogaraveo*). PhD in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Luísa Valente, Co-supervisor: Geneviève Corraze (Station de Recherches en Hydrobiologie, INRA, France). (Submitted in 2009, defense in January 2010).

17. Silva, Joana Margarida Guimarães. 2009. Effectiveness of alternative protein sources in meeting the true amino acid requirements of *Senegalese sole*. PhD in Aquatic Sciences, ICBAS, University of Porto. Supervisor: Luísa Valente, Co-supervisors: Marite Espe (NIFES, Norway), Luís Conceição.
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19. Vieira, Luís Miguel Russo. 2009. Methodologies for a sustainable development of estuarine ecosystems. PhD thesis in Biology, University of Aveiro. Supervisor: Lúcia Guilhermino, Co-supervisor: Fernando Morgado (CESAM, University of Aveiro).

MASTER THESES

1. Álvaro, Nuno Miguel Vaz. 2009. Proposta de plano de monitorização para a área protegida para a gestão de habitats ou espécies do Ilhéu de Vila Franca do Campo. Master thesis, University of Azores. Supervisor: Ana Isabel Neto, Co-supervisor: Fátima Alves (University of Aveiro). (Thesis submitted in 2009, defense in 2010)
2. Araújo, Amândio. 2009. Presença de Legionella sp. em redes de distribuição hospitalar e sua epidemiologia. Master thesis in Biology and Management of Water, Faculty of Sciences, University of Porto. Supervisor: Maria do Céu Lamas (Escola Superior de Tecnologia da Saúde do Porto), Co-supervisor: José Américo Sousa.
3. Barroso, Maria de Fátima Saavedra. 2009. Efeitos ecotoxicológicos de pesticidas e factores abióticos em *Daphnia magna*. Master thesis in Environmental Contamination and Toxicology, Faculty of Sciences and ICBAS, University of Porto. Supervisor: Lúcia Guilhermino, Co-supervisor: Laura Guimarães.
4. Benitez, Sonia Rodríguez. 2009. Consecuencias de la diversidad en la productividad de las comunidades de las macroalgas. Master thesis in Coastal Management, University Las Palmas Gran Canaria. Supervisor: Francisco Arenas.
5. Borges, Pedro Alexandre Coelho. 2009. Optimização do nível lipídico em dietas para juvenis de linguado. Master thesis in Quality Control - Water and Sediments, Faculty of Pharmacy, University of Porto. Supervisor: Beatriz Oliveira (Faculty of Pharmacy, University of Porto), Co-supervisor: Luísa Valente.
6. Coelho, Daniela Filipa. 2009. Protozoários na avaliação de ETAR. Caracterização do tanque de arejamento com base no estudo da comunidade de protozoários. Master thesis in Biology, Faculty of Sciences, University of Porto. Supervisor: Maria Leonor Fidalgo, Co-supervisor: Ana Nicolau (University of Minho).
7. Cruzeiro, Catarina da Rocha. 2009. Efficacy of a phospholipase A2 (aPLA2) antibody on growth performance of juvenile fish fed a practical diet. Master thesis, University of Trás-os-Montes and Alto Douro (UTAD). Supervisor: Paulo Rema, Co-supervisor: Jorge Dias.
8. Damião, Vitor. 2009. Água da chuva, que utilização? Master thesis in Biology and Water Quality Management, Faculty of Sciences, University of Porto. Supervisor: Maria Natividade Vieira.

9. Elias, Carmen Lopes. 2009. Utilização de diatomáceas na avaliação da qualidade do Rio Febros. Master thesis in Biology and Water Quality Management, Faculty of Sciences, University of Porto. Supervisor: Maria Natividade Vieira.
10. Encarnação, Ana Maria. 2009. Uso de métodos químicos na avaliação da toxicidade de cianobactérias. Master thesis in Sciences and Environmental Technologies, Faculty of Sciences, University of Porto. Supervisor: Vítor Vasconcelos.
11. Escórcio Pereira, Cláudia de Fátima. 2009. Suplementação de L-carnitina na dieta de trutas arco-íris (*Oncorhynchus-mykiss*): Estudo comparativo entre indivíduos diplóides e triplóides. Master thesis in Sciences of the Sea - Sea Resources, ICBAS, University of Porto. Supervisor: José Fernando Gonçalves, Co-supervisor: Rodrigo Ozório.
12. Freitas, Marisa. 2009. Monitorização de cianobactérias e cianotoxinas nas lagoas de Mira e Vela comparando métodos moleculares, imunológicos e volumes de amostragem. Master thesis in Contamination and Environmental Toxicology, Faculty of Sciences and ICBAS, University of Porto. Supervisor: Vítor Vasconcelos.
13. Gaspar Meirinho, Ana Isabel. 2009. Distribuição de alcatraz (*Morus bassamus*) na costa continental portuguesa e sua relação com variáveis ambientais. Master thesis in Ecology, Management and Modelling of Marine Resources, Faculty of Science and Technology, New University of Lisbon. Supervisor: Ana Bio, Co-supervisor: João Gomes Ferreira (FCT/UNL).
14. Gomes, Joana Maria Braga Cavalheiro. 2009. Chemical characterization and influence of the bottling process of a natural sparkling mineral water. Master thesis, Faculty of Sciences, University of Porto. Supervisor: Maria Clara Basto, Rui Santos (Lab. INETI, S. Mamede de Infesta).
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16. Gomes, Pedro. 2009. A importância da assinatura química elementar dos otólitos de *Spondyliosoma cantharus* (n.v. choupa) na discriminação dos stocks pesqueiros e no estudo da estrutura populacional. Master thesis in Marine Biology, Faculty of Marine and Environmental Science, University of Algarve. Supervisor: Alberto Correia, Co-supervisor: Karim Erzini.
17. Gouveia, Andreia. 2009. Conservação e educação ambiental no contexto de um Centro de Monitorização e Interpretação Ambiental (CMIA de Vila do Conde). Master thesis in Biology, Faculty of Sciences, University of Porto. Supervisor: Vítor Vasconcelos.
18. Guedes, Joaquim Manuel Soares. 2009. Study of the indoor air quality in Porto City schools. Master thesis, Department of Chemistry, Faculty of Sciences, University of Porto. Supervisors: Maria Teresa Vasconcelos and Maria Clara Basto.
19. Laverco, Paulo. 2009. Análise biológica de biofilmes em sistemas de transporte de águas de consumo. Master thesis in Biology and Management of Water Quality, Faculty of Sciences, University of Porto. Supervisor: Vítor Vasconcelos, Co-supervisor: Joaquim Poças Martins (Faculty of Engineering, University of Porto).
20. Leitão, Alexandre Filipe. 2009. Caracterização dos genes Gase, GSase e GDH em *Misgurnus anguillicaudatus*. Master thesis in Marine Biology, University of Aveiro. Supervisor: Jonathan Wilson, Co-supervisor: Vítor M dos Santos Quintino (University of Aveiro).

21. Luís, Gabriel da Silva Luís. 2009. Efeitos agudos do naftaleno no camarão *Palaemon serratus*: mortalidade, resposta de biomarcadores e comportamento. Master thesis in Biology, Faculty of Sciences, University of Porto. Supervisor: Carlos Gravato, Co-supervisor: Lúcia Guilhermino.
22. Magalhães, Américo. 2009. Análise da qualidade de ortofotomapas, modelo numérico altimétrico e cartografia a grandes escalas. Master thesis in Geographic Engineering, Faculty of Sciences, University of Porto. Supervisor: Luísa Bastos.
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24. Marques, Maria Fernanda Ferreira. 2009. Respostas aguda e crónica de *Daphnia magna* a cefalexina. Master thesis in Legal Medicine, ICBAS, University of Porto. Supervisor: Lúcia Guilhermino.
25. Martins, Marta Lúcia Xavier. 2009. Eco-efficiency: development of assessment tools. Master thesis, Faculty of Sciences, University of Porto. Supervisor: Maria Clara Basto, responsible from Ecoinside: Joaquim Guedes.
26. Morais, João. 2009. Avaliação do risco de ocorrência de cianotoxinas nos lagos do Parque da Cidade, Porto. Master thesis in Biology and Management of Water Quality, Faculty of Sciences, University of Porto. Supervisor: Vítor Vasconcelos.
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32. Regueiras, Ana. 2009. Comparação de métodos de identificação e quantificação de cianobactérias e suas toxinas na albufeira do Torrão (Rio Tâmega). Master thesis in Contamination and Environmental Toxicology, Faculty of Sciences and ICBAS, University of Porto. Supervisor: Vítor Vasconcelos.

33. Reis, Rita. 2009. Pesquisa de bactérias patogénicas numa piscicultura do Norte de Portugal. Master thesis in Biology and Management of Water, Faculty of Sciences, University of Porto. Supervisor: José Américo Sousa.
34. Rocha, Lúcia Celeste. 2009. Toxicidade de um efluente têxtil e de auxiliares têxteis em peixe zebra, *Danio rerio*. Master in Hydrobiology, Faculty of Sciences, University of Porto. Supervisor: Maria Leonor Fidalgo.
35. Saraiva, Fernanda. 2009. Desenvolvimento de ferramentas didático-educativas na área da divulgação ambiental no centro de Monitorização e Interpretação Ambiental de Vila do Conde. Master thesis in Sciences and Environmental Technologies, Faculty of Sciences, University of Porto. Supervisor: Vítor Vasconcelos.
36. Semedo, Miguel. 2009. Integrated biomarkers and interactive effects of copper (II) and cadmium (II) with pyrene on antioxidant enzymes and lipid peroxidation of the mussel *Mytilus galloprovincialis*. Master thesis in Biochemistry, ICBAS and Faculty of Sciences, University of Porto. Supervisor: Lúcia Guilhermino.
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38. Silva, Lúcia Maria Chaves. 2009. Qualidade biológica da água do rio Rabaçal. Master thesis in Biology and Water Management, Faculty of Sciences, University of Porto. Supervisor: Maria Natividade Vieira.
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40. Vieira, Raquel Pinheiro. 2009. Estudo da dinâmica populacional de *Grateloupia turuturu* na costa portuguesa. Master thesis in Coastal Sciences, University of Aveiro. Supervisor: Isabel Sousa-Pinto.

C. COMMUNICATIONS

COMMUNICATIONS IN INTERNATIONAL SCIENTIFIC MEETINGS

1. Abrantes, F, Lopes, C, Matos, L. 2009. Médium Si and diatom preservation potential in sediments. European Geosciences Union General Assembly, 20-24 April, Vienna, Austria. Geophysical Research Abstracts, vol. 11, EGU2009-3689. (Oral communication)
2. Abrantes, F, Rodrigues, T, Montanari, B, Santos, Voelker, A, Lopes, C. 2009. Precipitation maxima and upwelling trends at the NAO Southern Pole during the Last Millenium. European Geosciences Union General Assembly, 20-24 April, Vienna, Austria. Geophysical Research Abstracts, vol. 11, EGU2009-3689. (Oral communication)
3. Abreu, MH, Korbee, N, Pereira, R, Sousa-Pinto, I, Gil, C, Figueroa, F. 2009. Mycosporine-like aminoacids (MAAs) from seaweeds: Relation with nitrogen availability and potential application

- as photoprotector and antioxidant compounds. 6th European Conference on Marine Natural Products, 19-23 July, Porto, Portugal.
4. Abreu, MH, Pereira, R, Sousa-Pinto, I. 2009. Integrated Multi-Trophic Aquaculture in Portugal: Experiments with *Gracilaria vermiculophylla* (Ohmi) Papenfuss at a sole and turbot commercial aquaculture. IMMR'09, International Meeting on Marine Resources, 16-18 November, Peniche, Portugal.
 5. Agüero Chapin, G, González-Díaz, H, de La Riva, GA, Pérez-Machado, G, Antunes, A. 2009. QSAR study to polymeric sequences embedded in a novel 2D lattice Session Omica de Plantas. XIII Congreso Nacional de Bioquímica y Biología Molecular de Plantas, 9-13 November, Guanajuato, Mexico.
 6. Almeida, AM, Campos, A, Francisco, R, Van Harten, S, Cardoso, LA, Coelho, AV. 2009. Proteomic profiling of the effects on weight loss on the rabbit's gastrocnemius muscle - A study on two different breeds. 3rd EuPA Congress, 14-17 June, Stockholm, Sweden.
 7. Almeida, CMR, Dias, C, Mucha, AP, Bordalo, A, Vasconcelos, MTSD. 2009. Influence of surfactants on the Cu phytoremediation potential of a salt marsh plant. BIOGEOMON 2009 - 6th International Symposium on Ecosystem Behaviour, 29 June-3 July, Helsinki, Finland. (Oral communication)
 8. Almeida, J, Gravato, C, Guilhermino, L. 2009. Is cholinesterase activity inhibition linked to fish swimming velocity decrease? Acute effects of fenitrothion on sea bass. SETAC North America 30th Annual Meeting, Human-Environment Interactions: Understanding Change in Dynamic Systems, 19-23 November, New Orleans, USA.
 9. Almeida, J, Gravato, C, Guilhermino, L. 2009. Which biomarkers responses are associated with swimming velocity inhibition in the sea bass? A study with fenitrothion and benzo[a]pyrene. SETAC Europe 19th Annual Meeting - Protecting Ecosystem Health: Facing the Challenge of a Globally Changing Environment, 31 May-4 June, Gothenburg, Sweden.
 10. Álvaro, NV, Neto, AI, Alves, MF, 2009. Human pressure on a protected area - a monitoring program for the Islet of Vila Franca do Campo. ICS2009 - 10th International Coastal Symposium, 13-18 April, Lisbon, Portugal.
 11. Álvaro, NV, Neto, AI, Alves, MF. 2009. Human pressure on a protected area - a monitoring program for the Islet of Vila Franca do Campo. 10th International Coastal Symposium (ICS2009), 13-18 April, Lisbon, Portugal.
 12. Antunes, A. 2009. Evolutionary genomic characterization of genes involved in development and adaptation in vertebrates. EMBO Workshop - EVO-DEVO Meets Marine Ecology: New Frontiers in Ocean Science through Integrative Biology, 9-11 October, Sant'Angelo d'Ischia, Naples, Italy.
 13. Antunes, A. 2009. The role of genetics in the conservation of endangered mammalian species. SEAZA - 17th Annual South East Asia Zoo Association Conference, 5-9 August, Seoul, South Korea. (Oral communication)
 14. Antunes, A. 2009. The evolutionary dynamics of the lion panthera leo revealed by host and viral FIV population genomics. ISCB Africa and ASBCB Joint Conference on Bioinformatics of Infectious Diseases, 30 November-3 December, Bamako, Mali. (Oral communication)

15. Araújo, R, Violante, J, Pereira, R, Abreu, H, Sousa-Pinto, I. 2009. Colonization of disturbed patches in native communities by the introduced species *Grateloupia turuturu*. BIOLIEF - World Conference on Biological Invasions and Ecosystem Functioning, 27-30 October, Porto, Portugal.
16. Arenas, F, Fernández, C. 2009. Susceptibility to and impact of invasions on marine algal assemblages: Experimental studies on invasion-stability relationships. BIOLIEF - World Conference on Biological Invasion and Ecosystem Functioning, 27-30 October, Porto, Portugal.
17. Arnosó, J, Benavent, M, Bos, MS, Montesinos, FG. 2009. New insights into ocean tide loading corrections on tidal gravity data in Canary Islands. EGU 2009, 19-24 April, Vienna, Austria. (Oral Communication).
18. Azevedo, C. 2009. A importância da protoparasitologia na fauna aquática. XV Jornada Técnico-Científicas. INIPescas, 12-13 November, Luanda, Angola. (Oral communication)
19. Azevedo, C. 2009. Introdução: Estado da Arte. Mesa Redonda: Parasitologia e Patologia da Fauna Aquática. XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal. (Oral communication)
20. Azevedo, C. 2009. Protoparasitas: Morfologia e ultraestrutura do ciclo de vida. XV Jornada Técnico-Científicas. INIPescas, 12-13 November, Luanda, Angola.
21. Azevedo, C, Casal, G, Matos, P, Matos, E. 2009. Estrutura fina de *Triangulamyxa* sp. (Myxozoa, Myxosporea), parasita da bexiga urinária de *Colomesus psittacus* (Teleostei) do rio Amazonas. XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal.
22. Azevedo, C, Casal, G, Mendonça, I, Carvalho, E, Matos, P, Matos, E. 2009. Dados ultraestruturais do esporo de *Myxobolus* sp. (Phylum Myxozoa), parasita da guelra do peixe brasileiro *Pimelodus argenteus* (Teleostei). XI Iberian Congress of Parasitology, 15-18 September, Lisboa, Portugal.
23. Azevedo, C, Marques, DKS, Amaral, CMC, Silva, EV, Casal, G, Matos, P, Matos, E. 2009. Ultraestrutura do esporo de *Henneguya* sp. (Myxozoa) encontrado em *Piaractus mesopotamicus* (Teleosteo) do Pantanal, MS, Brasil. XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal.
24. Baptista, MS, Cyanca, RC, Almeida, CMR, Vasconcelos, VM. 2009. Determinação por electroforese capilar do aminoácido não proteico β -N-metilamino-L-alanina em meio de cultura de cianobactérias. 1º Congresso Ibérico de Cianotoxinas, 6-7 July, Porto, Portugal.
25. Baptista, MS, Stoichev, T, Vasconcelos, VM, Vasconcelos, MTSD. 2009. Effects of the antibiotic minocycline and the endocrine disrupting xenobiotic octylphenol in the cyanobacterium *M. aeruginosa*. Microbial Stress: from Molecules to Systems, 7-10 May, Semmering, Austria.
26. Bastos, L, Bio, A, Silva, AJ. 2009. Evolução da restinga do Douro face às condições meteorológicas, hidrométricas e de agitação marítima, 2002-2008. Workshop: Douro and Minho – Estuaries and Coastal Zone, 16-17 Abril, APDL, Matosinhos, Portugal. (Oral communication)
27. Bastos, L, Madeira, S, Gonçalves, J. 2009. A land based MMS for coastal monitoring. IAG2009 Assembly - Geodesy for Planet Earth, 31 August-4 September 2009, Buenos Aires, Argentina. (Oral communication)
28. Bayona, J, Readman, J, Thomas, K, Beiras, R, Guilhermino, L. 2009. Implementation of risk assessment methodologies for oil and chemical spills in the European marine environment

- (RAMOCS). SETAC Europe 19th Annual Meeting - Protecting Ecosystem Health: Facing the Challenge of a Globally Changing Environment, 31 May-4 June, Gothenburg, Sweden.
29. Bernabeu, AM, Almeida, CMR, Bouchette, Mucha, AP, Bordalo, AA and OILDEBEACH Team (Álvarez, P, Azerad, P, Basto, MC, Bouharguane, A, Couto, N, Lago, A, Magalhães, C, Marche, F, Mohamed, K, Mohammadi, B, Rey, D, Rubio, B, Vasconcelos, MTSD, Vilas, F). 2009. Development of an assessment protocol to oiled sandy beaches: OILDEBEACH Project. ISMS 2009 - II International Symposium of Marine Science, 27-30 April, Vigo, Spain. (Oral communication)
 30. Bessa, J, Kijjoa, A, Wattanadilok, R, Puchakarn, S, Sonchaeng, P. 2009. Constituents of *Petrosia* (*Petrosia*) *hoeksema*, collected from the Gulf of Thailand. 6th European Conference on Marine Natural Products, 19-23 July, Porto, Portugal.
 31. Bio, A, Couto, A, Costa, R, Prestes, A, Vieira, N, Valente, A, Azevedo, J. 2009. Biomanipulation of Furnas Lake, Azores: effects of repeated fish removal. Proceedings of the International Association of Theoretical and Applied Limnology - Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie 30(8): 1207-1209. (Oral communication).
 32. Borges, M-T, Matos, A, Henriques, I, Ribeiro, H, Peixe, C, Pereira, CM, Castro, PML. 2009. Variations of total bacteria and ammonia oxidizing bacteria community composition in a moving bed biofilter of a shallow raceway fish farm. FEMS 2009 - 3rd Congress of European Microbiologists, Microbes and Man - Interdependence and Future Challenges, 28 June-2 July, Gothenburg, Sweden.
 33. Borges, M-T, Mendes, JG, Restivo, MT, Pereira, CM. 2009. On-line water quality monitoring in aquaculture: a remote laboratory proxy for environmental studies guidelines. Proceedings VU'09 - 10th International Conference Virtual University, 10-11 December, Bratislava, Slovakia, 6 pp. (Oral communication)
 34. Bos, MS, Fernandes, RMS, Williams, SDP, Bastos, L. 2009. Fast analysis of GPS time-series with gaps. American Geophysical Union - AGU Fall Meeting 2009, 14-18 December, San Francisco, United States. Abstract G22A-03. (Oral communication)
 35. Cabral, JP. 2009. Darwin's botanical work: unbound curiosity, robust methods and independent thinking. Colóquio (Dis)entangling Darwin: Cross-Disciplinary Reflections on the Man and his Legacy, 4-5 December, Porto, Portugal.
 36. Caldeira, R, Chelius, A, Luis, E, Boutov, D, Sangra, P, Stegner, A. 2009. Archipelago Wake: Madeira case study. Taller y Tertulia en Oceanografía Física, 9-11 December, Universidad Las Palmas, Gran Canarias, Spain. (Oral Communication)
 37. Campos, A, Vasconcelos, V. 2009. Proteomics in the characterization of the toxicity mechanisms of cyanotoxins in bivalves. 1st Iberian Congress in Cyanotoxins, 6-7 July, Porto, Portugal.
 38. Campos, C, Valente, LMP, Borges, P, Bizuayehu, T, Fernandes, JMO. 2009. Influence of dietary lipids on growth and expression of key myogenic genes in Senegalese sole, *Solea senegalensis* (Kaup). TAFT 2009 - 3rd Joint Trans-Atlantic Fisheries Technology Conference, 15-18 September, Copenhagen, Denmark. (Oral presentation)
 39. Capela, RC, Hernadez, CS, Nunes, B, Correia, AT. 2009. The otoliths as potential chronological markers of aquatic heavy metal contamination. 44th European Marine Biology Symposium, 7-11 September, Liverpool, England.

40. Capela, RC, Hernandez, CS, Nunes, B, Correia, AT. 2009. Trace metal incorporation in fish otoliths: a chronological indicator of exposure to metal contamination. XII European Congress of Ichthyology, 6-12 September, Klaipeda, Lithuania.
41. Capela, T, Moreira, C, Vasconcelos, V. 2009. Toxicological evaluation by molecular analyses of Cyanobacteria from Vez River, North of Portugal. 1st Iberian Congress in Cyanotoxins, 6-7 July, Porto, Portugal.
42. Cardoso, C, Mendes, R, Salvador, A, Saraiva, J, Vaz-Pires, P, Nunes, ML. 2009. Influence of high hydrostatic pressure on the quality parameters of hake (*Merluccius capensis*) gels. International Meeting on Marine Resources, 16-18 November, Peniche, Portugal.
43. Carrola, J, Fontainhas-Fernandes, A, Matos, P, Carvalho, D, Parra, S, Rocha, E. 2009. Frequency of hepatocellular fibrillar inclusions in the European flounder from the Douro river estuary, Portugal. PRIMO 15 - 15th International Symposium on Pollutant Responses in Marine Organisms, 17-20 May, Bordeaux, France.
44. Carrola, J, Fontainhas-Fernandes, A, Pardal, M, Castro, B, Rocha, E. 2009. Intersex ratio in grey mullets from the Mondego, Douro and Ave estuaries, Portugal - Preliminary data. PRIMO 15 - 15th International Symposium on Pollutant Responses in Marine Organisms, 17-20 May, Bordeaux, France.
45. Carvalho, C, Martins, A, Vasconcelos, VM. 2009. Avaliação da toxicidade de cianobactérias em simbiose com esponjas marinhas recorrendo à técnica de PCR. 1st Iberian Congress in Cyanotoxins, 6-7 July, Porto, Portugal.
46. Carvalho, PN, Silva, MFGM, Basto, MCP, Machado, A, Bordalo, AA, Vasconcelos, MTSD. 2009. Role of salt marsh plants on TBT biological remediation in sediments. 12th EuCheMS International Conference on Chemistry and the Environment, 14-17 June, Stockholm, Sweden. Book of Abstracts, p. 342.
47. Carvalho, PN, Silva, MFGM, Basto, MCP, Machado, A, Bordalo, AA, Vasconcelos, MTSD. 2009. Role of salt marsh plants on TBT biological remediation in sediments. 12th EuCheMS International Conference on Chemistry and the Environment, 14-17 June, Stockholm, Sweden. Abstract book, p. 342.
48. Casal, G. 2009. Morfologia e filogenia de microsporidioses da ictiofauna. Mesa Redonda: Parasitologia e Patologia da Fauna Aquática. XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal. (Oral communication)
49. Casal, G, Clemente, SS, Knoff, M, Matos, P, Matos, E, Azevedo, C. 2009. Ultraestrutura e filogenia de *Spraguea* sp. (Filo Microsporidia Balbiani, 1882) parasita de *Lophius gastrophysus* do litoral de Cabo Frio / RJ (Brasil). XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal.
50. Casal, G, Garcia, P, Matos, E, Teles-Grilo, L, Azevedo, C. 2009. Estudo ultraestrutural e molecular de uma microsporidiose hepática causada por *Microgemma* sp., parasita do peixe *Trachinotus coralinus* (Carangidae) do Sudeste do Brasil. XI Iberian Congress of Parasitology, 15-18 September, Lisbon, Portugal.
51. Castro, LFC. 2009. Nuclear receptor evolution and endocrine disruption. In: Avances en Endocrinología Comparada. 7th AIEC Congress – Iberian Association of Comparative Endocrinology, 6-9 September, Porto, Portugal. (Oral communication)

52. Catita, E, Martins, F, Antunes, C. 2009. Metodologias de Recolha de Informação e Zonamento para Área Protegida - Costa Norte de Portugal. V Congresso sobre Planeamento e Gestão das Zonas Costeiras dos Países de Expressão Portuguesa, 2 October, Florianopolis, Brazil.
53. Catita, E, Martins, F, Antunes, C. 2009. Metodologias de recolha de informação e zonamento para área protegida - Costa Norte de Portugal. V Congresso sobre Planeamento e Gestão das Zonas Costeiras dos Países de Expressão Portuguesa, 30 September-2 October, Florianopolis, Brazil.
54. Cavaleiro, F, Correia, AM, Santos, MJ. 2009. Seasonal occurrence of gastrointestinal helminthosis in European flounder, *Platichthys flesus* (Linnaeus, 1758) (Teleostei: Pleuronectidae), of marine environments of the northwest region of the Portuguese coast. XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal. Acta Parasitológica Portuguesa 16(1/2): 380-381.
55. Cavaleiro, F, Rangel, L, Santos, MJ. 2009. Copepoda ectoparasites of some commercially important fish species of the Portuguese coast. XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal. Acta Parasitológica Portuguesa 16(1/2): 378-379.
56. Cavaleiro, F, Santos, MJ. 2009. Seasonal occurrence of metacercariae of the genus *Diplostomum* von Nordmann, 1832 in the eyes of the European flounder, *Platichthys flesus* (Linnaeus, 1758) (Teleostei: Pleuronectidae), caught of the northwest Portugal. XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal. Acta Parasitológica Portuguesa 16(1/2): 382-383.
57. Colen, R, Rodrigues, V, Araújo, L, Afonso, A, Dias, J. 2009. Effects of a dietary supplementation of beta-glucans and algae extracts on the immune response and oxidative status of Senegalese sole (*Solea senegalensis*) juveniles. IMMR'09 - International Meeting on Marine Resources, 16-18 November, Peniche, Portugal.
58. Correia, AT, Gomes, P, Gonçalves, JMS, Karim, E, Hamer, PA. 2009. Stock discrimination of black seabream (*Spondyliosoma cantharus*) along the SW Portuguese coast through otolith elemental fingerprinting. XII European Congress of Ichthyology, 6-12 September, Klaipeda, Lithuania. (Oral communication)
59. Costa, S, Martins, R, Ramos, V, Vasconcelos, VM. 2009. Ensaio ecotoxicológicos com estirpes de cianobactérias marinhas do género *Leptolyngbya*. 1st Iberian Congress in Cyanotoxins, 6-7 July, Porto, Portugal.
60. Costa-Dias, S, Dias, E, Lobón-Cerviá, J, Antunes, C, Coimbra, J. 2009. Infection by *Anguillicola crassus* in a riverine stock of European eel *Anguilla anguilla* (L.). World Conference on Biological Invasions and Ecosystem Functioning, 27-30 October, Porto, Portugal. Book of Abstracts, p. 98.
61. Costa-Dias, S, Dias, E, Lobón-Cerviá, J, Antunes, C, Coimbra, J. 2009. Infection by *Anguillicola crassus* in a riverine stock of European eel *Anguilla anguilla* (L.). BIOLIEF - World Conference on Biological Invasions and Ecosystem Functioning, 27-30 October, Porto, Portugal. Book of Abstracts, p. 98.
62. Costas, B, Conceição, L, Aragão, C, Martos, JA, Ruiz-Jarabo, I, Mancera, JM, Afonso, A. 2009. How does an acute stress modulate the innate immune system of Senegalese sole (*Solea senegalensis* Kaup 1858)? 7th AIEC Congress – Iberian Association of Comparative Endocrinology, 6-9 September, Porto, Portugal.
63. Costas, B, Conceição, L, Aragão, C, Martos, JA, Ruíz-Jarabo, I, Mancera, JM, Afonso, A. 2009. Innate immune cells of Senegalese sole (*Solea senegalensis* Kaup 1858): effects of handling stress

- on respiratory burst activity. 11th International Congress of the ISDCI, 28 June-4 July, Prague, Czech Republic.
64. Couto, MNF, Basto, MCP, Vasconcelos, MTSD. 2009. A study in soil of a refinery of the efficiency of three different plant species for petroleum hydrocarbons remediation. 6th International Phytotechnologies Conference 2009, 1-4 December, Missouri, USA.
 65. Couto, MNF, Vasconcelos, MTSD. 2009. Phytoremediation of hydrocarbons from a refinery's soil - the role of rhizosphere. International Symposium on Contaminated Soils and Sediments 2009, 23-25 September, Ferrara, Italy.
 66. Cruz, C, Saraiva, A, Santos, MJ, Eiras, JC, Ventura, C, Soares, JP, Hermida, M. 2009. Parasitose provocada por larvas de *Anisakis* spp. (NEMATODA: ANISAKIDAE) no peixe de espada preto *Aphanopus carbo* (OSTEICHTHYES: TRICHIURIDAE) em Portugal. XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal.
 67. Cruzeiro, C, Rema, P, Peixoto, F, Pires, M, Afonso, A. 2009. The anti-phospholipase effects at muscle lipid oxidation level; histological and immunological parameters when applied to rainbow trout (*Onchorhynchus mykiss*) feed. XVIII Congress of Zootecnic and II Iberoamerican Congress of Zootecnic, University of Trás-os-Montes and Alto Douro, 6-9 May, Vila Real, Portugal. Abstract Book, pp. 564-568. ISBN 978-989-96219-1-6.
 68. Dethoup, T, Manoch, L, Buaruang, J, Piriyaopin, S, Kijjoa, A. 2009. The *In Vitro* antagonistic effect of marine sponge-associated fungi against plant pathogenic fungi. 6th European Conference on Marine Natural Products, 19-23 July, Porto, Portugal.
 69. Deurloo, R, Bastos, L, Bos, MS. 2009. On the use of UAVs for strapdown airborne gravimetry. IAG2009 Assembly - Geodesy for Planet Earth, 31 August-4 September, Buenos Aires, Argentina.
 70. Dias, A, Costa-Dias, S, Antunes, C. 2009. Intermediary and paratenic hosts of the parasitic nematode *Anguillicola crassus*. World Conference on Biological Invasions and Ecosystem Functioning, 27-30 October, Porto, Portugal. Book of Abstracts, p. 26
 71. Dias, J, Conceição, L, Ribeiro, AR, Matos, E, Gonçalves, A, Borges, P, Valente, L, Dinis, MT. 2009. Development of sustainable feeds for gilthead seabream (*Sparus aurata*) during the grow-out stage: growth performance, feed utilization, flesh quality and soluble wastes. IMMR'09 - International Meeting on Marine Resources, 16-18 November, Peniche, Portugal. (Oral communication)
 72. Duarte, D, Francisco, C, Almeida, A, Castro, A, Santos, MJ. 2009. Genetic identification of *Didymobothrium rudolphii* (Cestode: Spatheobothriidea) morphotypes "frontal" and "lateral" in the Sand sole, *Solea lascaris* (Risso, 1810). XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal. Acta Parasitológica Portuguesa 16(1/2): 388-389.
 73. Duarte, D, Santos, MJ. 2009. Parasitism in *Talorchestia brito* Stebbing, 1891 of the Northern and Central coast of Portugal. XI Iberian Congress of Parasitology, 9-11 September, Lisbon, Portugal. Acta Parasitológica Portuguesa 16(1/2): 384-3815.
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236. Vilar, R, Babichenko, S, Bastos, L, Palenzuela, JT, Martín-Herrero, J, Utkin, AB, Lavrov, A. 2009. Detection and evaluation of oil spills by optical methods. 4th EARSEL Workshop on Remote Sensing of Coastal Zone, 18-20 June, Chania, Crete, Greece. (Oral communication)
237. Voelker, AHL, Lebreiro, S. 2009. Deep water properties in the North Atlantic's eastern and western basins during the Mid-Brunhes (330-630 Ka). European Geosciences Union General Assembly, 20-24 April, Vienna, Austria. Geophysical Research Abstracts, vol. 11, EGU2009-5782.
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241. Wilson, JM, Bastos, E, Reis-Santos, PN, McCormick, SD. 2009. Identification of a branchial organic anion transport protein (OATP) in the lamprey (*Petromyzon marinus* L.). Society for Experimental Biology, 28 June-1 July, UK.
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COMMUNICATIONS IN NATIONAL SCIENTIFIC MEETINGS

1. Antunes, A. 2009. Insights into the evolutionary genomics of mammalian species. 3^{as} Jornadas de Biologia na Universidade de Trás-os-Montes e Alto Douro, 21-22 Outubro, Vila Real, Portugal. (Comunicação oral).
2. Antunes, C, Rey, J. 2009. Contribuição para um modelo de gestão participada. O caso da bacia hidrográfica do rio Minho e o projecto Natura Miño-Minho. I Seminário sobre Gestão de Bacias Hidrográficas, 6-7 Maio, Faculdade Engenharia, Universidade do Porto, Porto, Portugal. (Comunicação oral)
3. Arenas, F. 2009. Biodiversity-Ecosystem functioning relationships...are natural systems following our new theories? Evidence from intertidal marine assemblages. Seminário Oceanus, CIIMAR, 23 Março, Porto, Portugal. (Comunicação oral)

4. Bastos, L, Bio, A, Silva, AJ. 2009. Evolução da restinga do Douro 2001/2009 - dinâmica e possíveis causas. Apresentado na sessão pública sobre o futuro Plano de Ordenamento do Estuário do Douro, ARH, 23 Novembro, ICBAS, Porto, Portugal. (Comunicação oral)
5. Bos, MS, Arnoso, J, Benavent, M. 2009. Analysis of tidal gravity measurements made in the Canary Islands. Encontro Ciência 2009, 29-30 Julho, Lisboa, Portugal. (Comunicação oral)
6. Bos, MS. 2009. Observing the orthometric height of the Kilimanjaro. Centro de Física do Porto, 20 Novembro, Porto, Portugal. (Comunicação oral)
7. Cabral, JP. 2009. Rocha Peixoto e a História Natural. Ensino, colecções e museus. Integrado no Colóquio Rocha Peixoto no centenário da sua morte, Museu Municipal de Etnografia e História da Póvoa de Varzim, 8-9 Maio, Póvoa de Varzim, Portugal. (Comunicação oral)
8. Cardoso, J. 2009. Age determination in bivalves: validation of the seasonality in growth bands. Seminário Oceanus, CIIMAR, 17 Dezembro, Porto, Portugal. (Comunicação oral)
9. Campos, A. 2009. Characterization of *Zea mays* L. transglutaminase expression and interactions with thylakoid membrane proteins. Seminário Oceanus, CIIMAR, 28 Setembro, Porto, Portugal. (Comunicação oral)
10. Deurloo, R, Bastos, L, Bos, M. 2009. Assessing the Use of UAV's for Airborne Gravimetry. VI Conferência Nacional de Cartografia e Geodesia - CNCG 2009, 7-8 Maio, Caldas da Rainha, Portugal. (Comunicação oral)
11. Dias, E, Carvalho, F, Amorim, A, Correia, AM, Santos, MJ, Antunes, JC. 2009. Macroparasites survey in young European flounder (*Platichthys flesus*) on Minho estuary. IJUP 09 – II Encontro de Jovens Investigadores da Universidade do Porto, 25-27 Fevereiro, Porto, Portugal.
12. Fernandes, MJ, Nunes, AL, Lázaro, C, Bastos, L, Mendes, VB, Pires, N. 2009. Correção do atraso troposférico nas medidas de altimetria por satélite em zonas costeiras usando técnicas GNSS. VI Conferência Nacional de Cartografia e Geodesia - CNCG 2009, 7-8 Maio, Caldas da Rainha, Portugal. (Comunicação oral)
13. Fidalgo, ML. 2009. Ambiente e desenvolvimento: tensão ou complementaridade? Colóquio Utopia, Urbanismo e Ambiente, 20-21 Março, Valongo, Portugal. (Comunicação oral)
14. Fidalgo, ML. 2009. Ambiente e desenvolvimento: Tensão ou complementaridade? Colóquio Utopia, Urbanismo e Ambiente, 20-21 Março, Valongo, Portugal. (Comunicação oral).
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D. PATENTS

E. ORGANIZATION OF INTERNATIONAL AND NATIONAL MAIN EVENTS

International Meetings and Symposia

- Session ET03 - Assessing the ecological relevance of OMICS and biomarkers, SETAC Europe 19th Annual Meeting, 31 May-4 June, Goteborg, Sweden. European Conference on Marine Natural Products, 19-23 July, Porto, Portugal. <http://www.cimar.org/6ECMNP/>
- 1st Iberian Congress in Cyanotoxins, 6-7 July, Porto, Portugal. <http://www.cimar.org/cic2009/>
- 7th AIEC Congress, Iberian Association of Comparative Endocrinology, 6-9 September, Porto, Portugal. <http://www.ciimar.up.pt/7aiec/index.html>
- BIOLIEF - World Conference on biological invasions and ecosystem functioning, 27-30 October, Porto, Portugal. <http://www.ciimar.up.pt/biolief/>

Participating as Members of Scientific Committees (e.g.):

- 2nd European Congress for Conservation Biology, 2-7 September, Prague, Czech Republic.
- 43rd European Marine Biology Symposium, 8-12 September, Ponta Delgada, Portugal.
- X Iberian Meeting of Toxic Phytoplankton and Biotoxins, IPIMAR, 12-15 May, Lisbon, Portugal.

International and National workshops

- MarBEF Workshop on a European Monitoring Network 2009, 13-14 March, Porto, Portugal.
- Workshop: Douro and Minho - Estuaries and Coastal Zone, 16-17 April, Porto, Portugal.
- 4th MedCLIVAR Workshop, 28-30 September, Sesimbra, Portugal.
- European Science Foundation Magellan Workshop: The Shackleton Sites, 9-10 November, Lisbon, Portugal.

- Workshop: Plano de Ordenamento do Estuário do Rio Douro, 23 November, Porto, Portugal.

National Meetings and Symposia

- Internal Seminars Series at CIIMAR, all year.

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