



## **Julián Blasco Moreno**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

He has been involved in 60 research projects and 22 contracts with different companies. He has been the main researcher of 29 projects and 13 contracts. He is responsible for the research group "Ecotoxicology Ecophysiology and Biodiversity of Aquatic Systems" (PAIDI, RNM306 and CSIC groups), a team composed of 5 researchers from ICMAN-CSIC staff. Currently, he is the Director of the "Institute of Marine Sciences of Andalusia" (2015-) and was Deputy Director (1994-1998), head of the Department of Oceanography (1998-2007), head of the Department of Ecology and Coastal Management (2007-2011) and the group leader of the Associate Unit "Interdisciplinary Oceanography" between the University of Cádiz and the CSIC (2004-2011). He was Associate Professor of the University of Cadiz in the Physical-Chemistry Department (1994-1998). Currently he is responsible for a research line of the Erasmus Mundus Ph. D. Programme MACOMA, a lecturer in several Master programs with mentions of excellence (e.g. Erasmus Mundus, WACOMA and Oceanography) and a member of the editorial boards of the international journals Environment International, Science of the Total Environment and Marine Environmental Research and Data in Brief. The most of them Q1, according to the JCR (ISI Web of Knowledge). He is also Associate Editor of Frontiers in Marine Science-Marine Pollution, Peer J and Environmental Toxicology and Chemistry

He has published more than 165 SCI articles and 15 book chapters. He has been a supervisor of 15 Ph. D. theses and more than 20 Master theses and is currently supervising 1 Ph. D. theses. He has presented more than 250 communications at international congresses and has been included in the Essential Science Indicators (Environment/Ecology) of the ISI Web of Knowledge. He has been editor the several books and guest editors of several Special Issues of high impact journals.

The scientific objectives, during his career, have been focused on the behaviour and distribution of legacy and emergent pollutants and their ecotoxicological effects. He has developed and applied novel bioassays and tools to assess the environmental risks associated with pollutants. Over the last years, he has focused on the study of emergent pollutants (pharmaceuticals and nanoparticles), due the current lack of knowledge, in order to improve the environmental risk assessment of these substances in aquatic ecosystems. The next steps of his research are focusing on the impact of contaminant mixtures (legacy and emergent), reflecting global changes scenarios. The objective is to develop new tools based on a depth scientific knowledge. For that, fate and behaviour of pollutants will be studied and the use of -omics techniques will be employed, in a general frame of ecotoxicogenomic approach. Our focal point is the use of an holistic approach for developing validated tools, based on sound scientific knowledge and usefulness for assessing the risk for aquatic ecosystems, in order to provide support of EU legislation (Water Framework Directive and Marine Directive Strategy).



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Sexenios de Investigación, **4**, últ concedido, 2012

Tesis Doctorales dirigidas 15 y actualmente 1 en curso

Citas (2010-2017) : 2964 Fuente Scopus

Promedio de citas/año durante los últimos 6 años, 405 (2012-2017) Fuente: Scopus

Publicaciones 79 (2010-2017). En Q1 en el mismo periodo: 80% Fuente: JCR

Presencia en Essential Science Indicators (Environment/Ecology) Fuente: ISI Web of Knowledge

Indice h. **35** Fuente: SCOPUS



## Julián Blasco Moreno

**Surname(s):** Blasco Moreno  
**Name:** Julián  
**DNI:** 31217611X  
**ORCID:** 0000-0002-9750-383X  
**ScopusID:** 7102318599  
**ResearcherID:** A-5319-2008  
**Date of birth:** 11/11/1958  
**Gender:** Male  
**Nationality:** Spain  
**Country of birth:** Spain  
**Aut. region/reg. of birth:** Andalusia  
**Contact province:** Cádiz  
**City of birth:** Cádiz  
**Contact address:** Instituto Ciencias Marinas de Andalucía (CSIC). Dpt. Ecology and Coastal Management  
**Rest of contact address:** Campus Rio San Pedro  
**Postcode:** 11510  
**Contact country:** Spain  
**Contact aut. region/reg.:** Andalusia  
**Contact city:** Puerto Real  
**Land line phone:** (34) 956832612 - 285  
**Fax:** (34) 956834701  
**Email:** julian.blasco@csic.es  
**Mobile phone:** (34) 628916661  
**Personal web page:** julianblasco.weebly.com

### Current professional situation

**Employing entity:** CSIC **Type of entity:** Public Research Body

**Department:** Instituto de Ciencias Marinas de Andalucía

**Professional category:** Director

**Start date:** 23/01/2015

**Dedication regime:** Full time

**Employing entity:** CSIC **Type of entity:** State agency

**Department:** Ecology and Coastal Management, Instituto de Ciencias Marinas de Andalucía

**Professional category:** Investigador Científico

**Start date:** 28/11/2004

**Type of contract:** Civil servant **Dedication regime:** Full time

**Primary (UNESCO code):** 251010 - Shore and near-shore processes

**Secondary (UNESCO code):** 259900 - Other Earth, Space or Environmental specialities (specify)

**Identify key words:** Nanoparticles; Coastal pollution; Estuary; Risk assessment; Ecotoxicology; Global change; Metal pollution

**Previous positions and activities**

	Employing entity	Professional category	Start date
1	Consejo Superior de Investigaciones Científicas	Jefe Departamento Ecología y Gestión Costera	02/02/2007
2	Consejo Superior de Investigaciones Científicas	Responsable Unidad Asociada Oceanografía Interdisciplinar	01/01/2004
3	Consejo Superior de Investigaciones Científicas	Jefe de Departamento Oceanografía	20/02/1998
4	Consejo Superior de Investigaciones Científicas	Científico Titular	15/02/1988
5	Universidad de Cádiz	Profesor Asociado	01/10/1994
6	Instituto de Ciencias Marinas de Andalucía	Vicedirector	05/04/1994
7	CSIC	Becario postdoctoral	01/01/1986
8	Junta de Andalucía	Becario predoctoral	01/01/1984
9	Diputación de Cádiz	Becario Predoctoral en el ICMAN	01/01/1982
10	Instituto Ciencias Marinas de Andalucía	Responsable Grupo Investigación	19/01/2001
11	Plan Andaluz de Investigación	Responsable Grupo Investigación RNM306	01/01/2000

- 1** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Professional category:** Jefe Departamento Ecología y Gestión Costera  
**Start-End date:** 02/02/2007 - 01/01/2011 **Duration:** 4 years
- 2** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Professional category:** Responsable Unidad Asociada Oceanografía Interdisciplinar  
**Start-End date:** 01/01/2004 - 01/01/2011 **Duration:** 7 years
- 3** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Professional category:** Jefe de Departamento Oceanografía  
**Start-End date:** 20/02/1998 - 01/02/2007 **Duration:** 8 years
- 4** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Professional category:** Científico Titular  
**Start-End date:** 15/02/1988 - 27/11/2004 **Duration:** 16 years - 9 months - 12 days
- 5** **Employing entity:** Universidad de Cádiz **Type of entity:** University  
**Professional category:** Profesor Asociado  
**Start-End date:** 01/10/1994 - 30/09/1998 **Duration:** 4 years
- 6** **Employing entity:** Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency  
**Professional category:** Vicedirector  
**Start-End date:** 05/04/1994 - 20/02/1998



- 7** **Employing entity:** CSIC  
**Professional category:** Becario postdoctoral  
**Start-End date:** 01/01/1986 - 14/12/1988  
**Duration:** 2 years - 1 month - 15 days
- 8** **Employing entity:** Junta de Andalucía  
**Professional category:** Becario predoctoral  
**Start-End date:** 01/01/1984 - 31/12/1985  
**Type of entity:** Comunidad Autónoma  
**Duration:** 2 years
- 9** **Employing entity:** Diputación de Cádiz  
**Professional category:** Becario Predoctoral en el ICMAN  
**Start-End date:** 01/01/1982 - 28/02/1984  
**Type of entity:** Institución provincial  
**Duration:** 2 years - 2 months
- 10** **Employing entity:** Instituto Ciencias Marinas de Andalucía  
**Professional category:** Responsable Grupo Investigación  
**Start date:** 19/01/2001  
**Type of entity:** R&D Centre
- 11** **Employing entity:** Plan Andaluz de Investigación  
**Professional category:** Responsable Grupo Investigación RNM306  
**Start date:** 01/01/2000  
**Type of entity:** PAI  
**Duration:** 12 years - 11 months



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Tesina de Licenciatura  
**Name of qualification:** Licenciado con Grado Ciencias Químicas  
**Degree awarding entity:** Universidad de Cádiz      **Type of entity:** University  
**Date of qualification:** 01/09/1981
- 2 University degree:** Higher degree  
**Name of qualification:** Licenciado Ciencias Químicas  
**Degree awarding entity:** Universidad de Cádiz      **Type of entity:** University  
**Date of qualification:** 01/06/1980

#### Doctorates

**Doctorate programme:** Programa Oficial de Doctorado en Ciencias Químicas  
**Degree awarding entity:** Universidad de Sevilla      **Type of entity:** University  
**Date of degree:** 30/09/1985

### Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English		C1	C1	C1	C1

## Teaching experience

### General teaching experience

- 1 Name of the course:** Master Gestión Integral del Agua  
**University degree:** Master Gestión Integral Agua  
**Start date:** 2017      **End date:** 2017  
**End date:** 2017  
**Entity:** Universidad de Cádiz  
**Faculty, institute or centre:** Facultad del CC Mar y Ambientales
- 2 Name of the course:** Efectos de la contaminación  
**University degree:** Master Universitario en Contaminación, Toxicología y Sanidad Ambientales  
**Start date:** 2012      **End date:** 2016  
**End date:** 2018



**Entity:** Universitat de València **Type of entity:** University  
**Faculty, institute or centre:** Facultat de Ciències Biològiques

**3 Name of the course:** Bioaccumulation and bioavailability of metals in aquatic organisms  
**University degree:** Programa Pós-Graduação em Química (PPGQ)  
**Start date:** 01/10/2014 **End date:** 08/10/2014  
**End date:** 2014  
**Entity:** Universidad Estadual Paulista (Brasil) **Type of entity:** University

**4 Name of the course:** Mining spill  
**University degree:** Programa Tempus-Phare  
**Start date:** 2000 **End date:** 2000  
**End date:** 2000  
**Entity:** Universidad de Bucarest **Type of entity:** University

**5 Name of the course:** Química del Medio Ambiente  
**University degree:** Licenciado en Ciencias del Mar Orientación Medio Ambiente y Contaminación Marina  
**Start date:** 1994 **End date:** 1998  
**End date:** 1998  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**6 Name of the course:** Design and writing research projects (National, International, private and public funded)  
**University degree:** Programa Oficial Doctorado Erasmus Mundus Marine and Coastal Management  
**Frequency of the activity:** 4  
**Start date:** 2012  
**End date:** 2016 **Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 2  
**Entity:** Universidad de Cádiz **Type of entity:** University

**7 Type of teaching:** International teaching  
**Name of the course:** Herramientas para la evaluación de la calidad de los ecosistemas litorales  
**University degree:** Master Erasmus Mundus Water and Coastal Management  
**Frequency of the activity:** 2  
**Start date:** 2011  
**End date:** 2017  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales  
**City of entity:** Puerto Real,  
**Subject language:** English

**8 Name of the course:** Biogeoquímica marina. Metales trazas  
**University degree:** Master Oceanografía  
**Start date:** 2007  
**End date:** 2018  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**9 Type of teaching:** Unofficial teaching  
**Name of the course:** Herramientas para la evaluación de la calidad de los ecosistemas litorales  
**Type of subject:** Especialización





**University degree:** Curso Especialización  
**Frequency of the activity:** 5  
**Start date:** 2006  
**End date:** 2010  
**Entity:** FUECA-CSIC-Catedra UNESCO  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales  
**City of entity:** Puerto Real,  
**Subject language:** English

**10 Name of the course:** Beses quimicas para el estudio integrado del medio ambiente  
**University degree:** Master Oceanologia  
**Start date:** 2006  
**End date:** 2007  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**11 Name of the course:** Biogeoquímica Marina  
**University degree:** Master Oceanologia  
**Start date:** 2006  
**End date:** 2007  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**12 Type of teaching:** International teaching  
**Name of the course:** Bioaccumulation and bioavailability: keys for quality ecosystem  
**University degree:** Master Europeo Erasmus Mundus Water and Coastal Management  
**Geographical area:** European Union  
**Start date:** 2005  
**End date:** 2017  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales  
**Subject language:** English

**13 Type of teaching:** Official teaching  
**Name of the course:** Metales trazas en ecosistemas litorales: especiación y biodisponibilidad  
**Type of programme:** Doctorate  
**University degree:** Programa de Doctorado Ciencias del Mar  
**Start date:** 2005  
**End date:** 2007  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**14 Name of the course:** Pathology, Physiology and Toxicology  
**University degree:** Curso Internacional Leonardo EU  
**Start date:** 1997  
**End date:** 2000  
**Entity:** Universidad de Cádiz - CSIC

**15 Name of the course:** Bioindicadores de contaminación en ecosistemas litorales  
**University degree:** Programa de doctorado Instrumentación y simulación en Química-Física  
**Start date:** 1996



**End date:** 1998

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias

**16 Name of the course:** Contaminación por metales pesados y sus efectos biológicos

**University degree:** Programa de Doctorado Oceanografía y Medio Ambiente

**Start date:** 1994

**End date:** 1996

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**17 Name of the course:** Indicadores por contaminación de metales pesados en el medio litoral

**University degree:** Programa de Doctorado Biología, Medio Ambiente y Gestión de Recursos Marinos

**Start date:** 1993

**End date:** 1995

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**18 Name of the course:** Fundamentos y Aplicación de la Espectrometría de Absorción Atómica

**University degree:** Programa de doctorado Instrumentación y simulación en Química-Física

**Start date:** 1993

**End date:** 1994

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias

**19 Name of the course:** Contaminación por metales pesados y sus efectos biológicos

**University degree:** Programa de Doctorado Gestión de sistemas litorales y explotación de recursos marinos

**Start date:** 1992

**End date:** 1993

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**20 Name of the course:** Procesos fisicoquímicos en ecosistemas litorales

**University degree:** Programa de Doctorado Gestión de sistemas litorales y explotación de recursos marinos

**Start date:** 1991

**End date:** 1992

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**21 Name of the course:** Contaminación marina y efectos biológicos

**University degree:** Programa de Doctorado Ciencias del Mar

**Start date:** 1988

**End date:** 1989

**Entity:** Universidad de Cádiz

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

**22 Name of the course:** Fisicoquímica de ecosistemas litorales

**University degree:** Programa de Doctorado Ciencias del Mar

**Start date:** 1988

**End date:** 1989

**Entity:** Universidad de Cádiz

**Type of entity:** University



**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

- 23 Name of the course:** Fitoplancton de ecosistemas litorales  
**University degree:** Programa de Doctorado Ciencias del Mar  
**Start date:** 1988  
**End date:** 1989  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales
- 24 Name of the course:** Química Marina  
**University degree:** Programa de Doctorado Ciencias del Mar  
**Start date:** 1987  
**End date:** 1990  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales
- 25 Name of the course:** Técnicas básicas en Oceanografía  
**University degree:** Programa de Doctorado Ciencias del Mar  
**Start date:** 1987  
**End date:** 1990  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias del Mar y Ambientales

## Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Factors and mechanisms of metal nanoparticle toxicity  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Moritz Volland  
**Date of reading:** 2017
- 2 Project title:** Nanopartículas metálicas (Cu, Zn, Ce y Ti): biodisponibilidad, bioacumulación transferencia trófica, ecotoxicidad y riesgo asociado en organismos marinos y estuáricos  
**Entity:** Universidad de Cádiz  
**Student:** Marta Sendra Vega  
**Date of reading:** 2017
- 3 Project title:** Estudio metabólico y metabolómico de bioindicadores de áreas costeras y estuarinas del SO. de la Península Ibérica  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Jose Luis Gómez-Ariza; Tamara García-Barrera; Julián Blasco  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Amanda Gago Tinoco  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 2016  
**European doctorate:** Yes  
**Quality recognition:** Yes
- 4 Project title:** Evaluación del riesgo ambiental de compuestos farmacéuticos: Atyaephyra desmarestii y Chironomus riparius. Influencia del forzamiento por temperatura  
**Type of project:** Doctoral thesis



**Entity:** Universidad de Cádiz  
**Student:** Elena Nieto Cristobal  
**Obtained qualification:** Sobresaliente cum laude por unanimidad  
**Date of reading:** 2016

- 5** **Project title:** Efectos de la acidificación por fugas de CO<sub>2</sub> en la biodisponibilidad de metales en los sedimentos marinos  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Inmaculada Riba López  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Araceli Rodriguez Romero  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 2014  
**European doctorate:** Yes **Date of recognition:** 09/12/2014  
**Quality recognition:** Yes **Date of award:** 09/12/2014
- 6** **Project title:** Impact of possible CO<sub>2</sub> leakage from sub seabed storage site in the mobility of some trace metals  
**Type of project:** Master Thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Sinini Abdesalem  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 2014  
**European doctorate:** No
- 7** **Project title:** Bioensayos de toxicidad en epífitos marinos anclados sobre mimes de silicona en localizaciones submareales  
**Type of project:** Tesis de Master  
**Co-director of thesis:** Ignacio Moreno Garrido  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Elena Crespo García  
**Date of reading:** 2012
- 8** **Project title:** Efecto de los contaminantes emergentes sobre organismos en ecosistemas acuáticos  
**Type of project:** Tesis de Master  
**Co-director of thesis:** Miriam Hampel  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Elena Nieto Cristobal  
**Date of reading:** 2012
- 9** **Project title:** Estudio de bioindicadores de estres oxidativo en microalgas marinas  
**Type of project:** Tesis de Master  
**Co-director of thesis:** Ignacio Moreno Garrido  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Pablo Lozano  
**Date of reading:** 2012
- 10** **Project title:** Evaluación de la toxicidad letal y subletal de nanopartículas de oro y oro disuelto en organismos acuáticos  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Jorge Otero Albiol



**Date of reading:** 2012

- 11** **Project title:** Exposición del molusco *Ruditapes philippinarum* a nanopartículas de oro: Estudio de localización mediante microscopía electrónica  
**Type of project:** Work leading to an ASD  
**Co-director of thesis:** A. Fernández; J. Blasco  
**Entity:** Universidad de Sevilla **Type of entity:** University  
**Student:** Carlos García-Negrete  
**Date of reading:** 2011
- 12** **Project title:** Bioaccumulation and effects of gold nanoparticles on the clam, *Ruditapes philippinarum*  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Plymouth **Type of entity:** University  
**Student:** Moritz Volland  
**Date of reading:** 2011
- 13** **Project title:** *Crassostrea angulata* (Lamarck, 1819) un organismo modelo para el estudio de la contaminación y polución metálica en ecosistemas litorales  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Ignacio Moreno-Garrido  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Dayanara Macías Mayorga  
**Obtained qualification:** Sobresaliente cum laude  
**Date of reading:** 2010
- 14** **Project title:** Desarrollo de ensayos ecotoxicológicos sobre microalgas bentónicas  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Cristiano Araujo  
**Obtained qualification:** Premio Extraordinario Doctorado  
**Date of reading:** 2010  
**European doctorate:** Yes **Date of recognition:** 2010
- 15** **Project title:** Distribution of Trace Metal and Metalloid in the Sediment of Sancti Petri Channel, Spain  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Kurshid Alam Bhuiyan  
**Date of reading:** 2010
- 16** **Project title:** Effect of the anti epileptic drug Carbamazepine (CBZ) on the survival of larvae of the Gilthead Seabream, *Sparus aurata*  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Siddhi Ramesh Prabhukonkar  
**Date of reading:** 2010
- 17** **Project title:** Influencia de la fases de crecimiento de *Isochrysis galbana* en el contenido en vitamina C y metales trazas (hierro, cobre y zinc) del rotífero *Brachionus* sp  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Eduardo Jimenez



**Date of reading:** 2010

- 18** **Project title:** Las fitoquelatinas como biomarcadores de toxicidad por metales en microalgas  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Sara Perez  
**Date of reading:** 2010
- 19** **Project title:** Proteínas de estrés térmico como marcadores de toxicidad en microalgas marinas  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Ana Franzón  
**Date of reading:** 2010
- 20** **Project title:** Sediment metal concentrations (Hg, Cd and Pb) in salt marshes area of Cádiz Bay  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Suresh Varma Kamella  
**Date of reading:** 2010
- 21** **Project title:** Arsenic and trace metals pollution in floodplains soil of Bangladesh  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz  
**Student:** Dewan Ashan  
**Date of reading:** 2009  
**European doctorate:** Yes **Date of recognition:** 2009
- 22** **Project title:** Destino y efectos de tensioactivos en el medio marino  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Ali Temara  
**Entity:** Universidad de Cádiz  
**Student:** Aourell Mauffret  
**Date of reading:** 2009  
**European doctorate:** Yes **Date of recognition:** 2009
- 23** **Project title:** Influencia de los valores de pH y salinidad en la biodisponibilidad de metales y metaloides en sedimentos acuáticos  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Judit Kalman  
**Date of reading:** 2009  
**European doctorate:** Yes **Date of recognition:** 2009
- 24** **Project title:** Spatial and vertical distribution of metals in sediments from a freshwater ecosystem (the Guadalquivir river, SW Iberian peninsula)  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Abubakar Ansari  
**Date of reading:** 2009



- 25** **Project title:** Sensibilidad de *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann al cobre usando tres indicadores de toxicidad diferentes  
**Type of project:** Minor thesis  
**Entity:** Universidad de Cádiz  
**Student:** Cristiano Araujo  
**Date of reading:** 2008
- 26** **Project title:** Biomarcadores en los sistemas litorales del SO. de la Península Ibérica  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz  
**Student:** Araceli Rodriguez Romero  
**Date of reading:** 2008
- 27** **Project title:** Composition and distribution of polycyclic aromatic hydrocarbons in the superficial sediments from the Sancti-Petri Channel, Cadiz, Spain  
**Type of project:** Tesis de Master  
**Entity:** Universidad de Cádiz  
**Student:** Fangting Ye  
**Date of reading:** 2008  
**Type of entity:** University
- 28** **Project title:** Acumulación del Cd y su efecto tóxico en *Crassostrea angulata*: experimentos en sistemas de flujo continuo.  
**Type of project:** Work leading to an ASD  
**Entity:** Universidad de Cádiz  
**Student:** Dayanara Macías Mayorga  
**Date of reading:** 2007
- 29** **Project title:** Especiación de metales y efectos sobre los organismos marinos en sedimentos estuáricos. El estuario del río Guadalete  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz  
**Student:** Olivia Campana  
**Date of reading:** 2006  
**Type of entity:** University
- 30** **Project title:** Variazioni stagionali della concentrazione di metalli e dei livelli di metallothioneine nel mollusco *Crassostrea angulata* nell'estuario del Guadalquivir (Spagna)  
**Type of project:** Tesis di laurea  
**Entity:** Universidad de Bolonia  
**Student:** Chiara Trombini  
**Date of reading:** 2006
- 31** **Project title:** Evaluación del impacto de la contaminación metálica mediante una aproximación jerarquizada sobre poblaciones de *Uca tangeri* y *Scrobicularia plana* en un ecosistema litoral. Caño Sancti-Petri  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz  
**Student:** Eduardo Cargnin Ferreira  
**Date of reading:** 2005  
**European doctorate:** Yes  
**Date of recognition:** 2005



- 32** **Project title:** Efectos del Lineal Alquibenceno Sulfonato (LAS) sobre organismos marinos : Implicaciones ecotoxicológicas  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Miriam Hampel  
**Date of reading:** 2003
- 33** **Project title:** Toxicidad de los homólogos del lineal alquibenceno sulfonato sódico (LAS) y de su intermedio de degradación ácido sulfofenil carboxílico (SPC-C11) sobre embriones y larvas de dorada (*Sparus aurata*).  
**Type of project:** Minor thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Miriam Hampel  
**Date of reading:** 2000
- 34** **Project title:** Distribución espacial y especiación de metales pesados en sedimentos y agua intersticial de tres sistemas litorales del golfo de Cádiz  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Verónica Saenz Arreucochea  
**Date of reading:** 1998
- 35** **Project title:** Caracterización de las actividades fosfatásicas ácida y alcalina en *Scrobicularia plana*. Efecto de los metales Hg, Cd, Cu y Zn  
**Type of project:** Minor thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** María Teresa Mazorra Fernández  
**Date of reading:** 1996
- 36** **Project title:** Caracterización cinética y efectos de los metales pesados Cd, Pb y Cu en las enzimas aspartato y alanina aminotransferasas del molusco bivalvo *Ruditapes philippinarum* (Adams y Revve, 1850)  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Jaime Puppo Lama  
**Date of reading:** 1995
- 37** **Project title:** Evaluación de contaminantes convencionales (cadmio y arsénico) y emergentes (fármacos y nanopartículas metálicas) en *Scrobicularia plana*  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Student:** Chiara Trombini

## Student tutorials

**Name of the programme:** Becas de Introducción a la investigación  
**Entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Frequency of the activity:** 6  
**Number of tutored students:** 6





## Other activities/achievements not included above

- 1** **Description of the activity:** Conferencia invitada en el SETAC Latin-american 12th Biennial meeting "Metals in coastal ecosystems. Old problems and new challenges"  
**Organising entity:** SETAC **Type of entity:** Associations and Groups  
**End date:** 2017
- 2** **Description of the activity:** Conferencia invitada : "Nanopartículas metálicas: Algunas certezas e incertidumbres en la evaluación de su riesgo ambiental"  
**Organising entity:** Departamento Química y Ciencia de los Materiales **Type of entity:** University Department  
**End date:** 10/11/2016
- 3** **Description of the activity:** Conferencia invitada XIV Congresso Brasileiro de Ecotoxicologia "Pharmaceuticals: mixture toxicity, environmental forcing and chirality: Gaps and challenges"  
**City of activity:** Curitiba, Brazil  
**Organising entity:** Sociedade Brasileira de Ecotoxicologia **Type of entity:** Public Research Body  
**End date:** 08/09/2016
- 4** **Description of the activity:** KeyNote CICTA 2015 Congress Sediment toxicity test  
**Organising entity:** CICTA 2015 UTAD  
**End date:** 14/07/2015
- 5** **Description of the activity:** Conferencia invitada "Captación y almacenamiento de CO2 en estructuras geológicas submarinas y posibles efectos derivados de la liberación accidental sobre la biota"  
**Organising entity:** Universitat de València **Type of entity:** University  
**End date:** 2014
- 6** **Description of the activity:** Conferencia invitada "Metal nanoparticles: facts and gaps in aquatic environmental risk assessment" Masetr Contaminación y Toxicología Ambiental  
**Organising entity:** Universitat de València **Type of entity:** University  
**End date:** 2013
- 7** **Description of the activity:** Conferencia invitada " Nanopartículas metálicas: Cuestiones por resolver en la evaluación de riesgo en ecosistemas acuáticos" Master Oficial en Contaminación y Toxicología y Sanidad Ambientales de la Universitat de València  
**Organising entity:** Universitat de València  
**End date:** 2012
- 8** **Description of the activity:** Conferencia invitada en el Master Cambio global  
**City of activity:** Palma de Mallorca,  
**Organising entity:** UIMP-CSIC  
**End date:** 2010
- 9** **Description of the activity:** Director del Curso "Buceo Científico"  
**Organising entity:** FUECA-CSIC-Cátedra UNESCO  
**End date:** 2010



- 10** **Description of the activity:** Director del curso "Herramientas para la evaluación de la calidad de ecosistemas litorales"  
**City of activity:** Puerto Real,  
**Organising entity:** FUECA-CSIC-Catedra UNESCO  
**End date:** 2010
- 11** **Description of the activity:** Miembro Comisión Académica Programa Doctorado Gestión y conservación del mar  
**Organising entity:** Universidad de Cádiz **Type of entity:** University
- 12** **Description of the activity:** Responsable de la línea de Investigación del Programa de Doctorado "Gestión y Conservación del Mar"  
**Organising entity:** Universidad de Cádiz-EIDEMAR-CEIMAR **Type of entity:** University
- 13** **Description of the activity:** Responsable línea investigación Ph. D. Erasmus Program "Bioaccumulation and bioavailability for quality ecosystems"  
**City of activity:** Puerto Real,  
**Organising entity:** Ph. D. Erasmus Mundus Program **Type of entity:** University

## Scientific and technological experience

### Research and development groups/teams

**Name of the group:** Ecotoxicología, ecofisiología y biodiversidad de sistemas acuáticos

**Aims of the group:** Investigación

**Name of principal investigator:** Julian Blasco Moreno

**Standardised code:** RNM306

**Type of collaboration:** Co-authorship of projects and their development

**Affiliation entity:** Instituto Ciencias Marinas de Andalucía (CSIC)

**Type of entity:** State agency

**Start date:** 2000

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** CAMBIO EN EL PARADIGMA DE LOS ENSAYOS DE ECOTOXICIDAD APLICADOS EN LA EVALUACION DE RIESGO AMBIENTAL: DE LA TOXICIDAD A LA SELECCION DE HABITAT, CGL2017-92160-EXP  
**Entity where project took place:** Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency  
**Name principal investigator (PI, Co-PI...):** Julián Blasco  
**Funding entity or bodies:** Plan estatal I+D+I 2013-2016  
**Start-End date:** 2018 - 2020



- 2** **Name of the project:** CONTAMINANTES EMERGENTES EN SISTEMAS COSTEROS: DISTRIBUCION Y EFECTOS BIOLÓGICOS. DEL LABORATORIO AL CAMPO  
**Type of project:** Research and development, including transfer  
**Entity where project took place:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Nº of researchers:** 5  
**Funding entity or bodies:** Plan Nacional I+D+I **Type of entity:** State agency  
**Code according to the funding entity:** CTM2016-75908-R  
**Start-End date:** 2017 - 2019 **Duration:** 3 years  
**Total amount:** 159.000 €
- 3** **Name of the project:** Estudo ecotoxicológico e avaliação do risco ambiental de drogas ilícitas em ecossistemas marinhos  
**Entity where project took place:** Universidad Santos **Type of entity:** University  
**City of entity:** Santos, Brazil  
**Name principal investigator (PI, Co-PI....):** Camilo Dias Seabra Pereira  
**Funding entity or bodies:** FAPESP  
**Start-End date:** 2016 - 2018
- 4** **Name of the project:** Red CONSOLIDER sobre los efectos de la escasez de agua y el cambio global en los sistemas fluviales  
**Entity where project took place:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Name principal investigator (PI, Co-PI....):** Damia Barceló Culleres  
**Nº of researchers:** 12  
**Start-End date:** 01/12/2015 - 30/11/2017  
**Total amount:** 51.500 €
- 5** **Name of the project:** Nanopartículas metálicas (Cu, Zn, Ce y Ti): biodisponibilidad, bioacumulación transferencia trófica, ecotoxicidad y riesgo asociado en organismos marinos y estuáricos RNM7812.  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Regional  
**Degree of contribution:** Coordinator of total project, network or consortium  
**City of entity:** Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Julian Blasco Moreno  
**Name of the programme:** Proyecto Excelencia Junta Andalucía  
**Start-End date:** 04/02/2013 - 03/02/2017 **Duration:** 4 years  
**Total amount:** 218.528,18 €
- 6** **Name of the project:** Evaluación de los efectos de los contaminantes convencionales y emergentes en ecosistemas acuáticos. Ensayos de exposición controlada y validación en ecosistemas estuáricos CTM2012-38720-C03-03  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** Julian Blasco Moreno



**Name of the programme:** Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica 2008-2011

**Start-End date:** 01/02/2013 - 30/01/2016

**Duration:** 3 years

**Sub-project amount:** 54.990 €

**Dedication regime:** Full time

**7 Name of the project:** Plataforma instrumental para el estudio de procesos biogeoquímicos y ecotoxicológicos en ecosistemas marinos (PIBECO)

**Entity where project took place:** Instituto de Ciencias Marinas de Andalucía

**Type of entity:** State agency

**Name principal investigator (PI, Co-PI....):** Julian Blasco

**Nº of researchers:** 3

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Type of entity:** Ministerio

**Start-End date:** 2015 - 2015

**Total amount:** 177.138,96 €

**8 Name of the project:** Efectos de la acidificación por procesos de mitigación en la biodisponibilidad y toxicidad de contaminantes asociados con sedimentos marinos (RIACAP\_CO2).

**Degree of contribution:** Coordinator of total project, network or consortium

**Name principal investigator (PI, Co-PI....):** Julián Blasco

**Funding entity or bodies:**

Proyectos Excelencia Plan Andaluz de Investigación

**Start-End date:** 01/01/2009 - 31/12/2013

**Duration:** 3 years

**9 Name of the project:** GENERA

**Name principal investigator (PI, Co-PI....):** Miriam Hampel

**Funding entity or bodies:**

FP7-PEOPLE-2009-IRSES EU

**Start-End date:** 01/01/2009 - 31/12/2013

**10 Name of the project:** Fate, behaviour and ecotoxicity of pharmaceutical compounds in marine ecosystems: Cadiz bay and Gdansk Gulf

**Geographical area:** Non EU International

**Degree of contribution:** Coordinator of total project, network or consortium

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 3

**Type of participation:** Co-ordinator

**Name of the programme:** CSIC-IOPAN

**Code according to the funding entity:** 2010PL0014

**Start-End date:** 01/01/2011 - 31/12/2012

**11 Name of the project:** Environmental risk assessment of four pharmaceuticals compounds employing genomics tools and seabream Sparus aurata

**Name principal investigator (PI, Co-PI....):** Julian Blasco (scientist in charge)

**Funding entity or bodies:**

FP-7

Marie Curie Actions. European Reintegration Grants

**Start-End date:** 01/01/2009 - 2012

**Duration:** 3 years



- 12** **Name of the project:** Evaluación de la contaminación en el Mediterráneo Occidental (Marruecos-España) y su gestión sostenible mediante el análisis de bioacumuladores  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 4  
**Code according to the funding entity:** A/026238/09  
**Start-End date:** 01/01/2010 - 31/12/2010  
**Total amount:** 8.000 €
- 13** **Name of the project:** Analisis y modelado de la incorporacion de metales en organismos procedentes de lixiviacion de sedimentos marinos en contacto con fugas de CO2 de procesos CS-SSGS  
**Name principal investigator (PI, Co-PI....):** Inmaculada Riba  
**Funding entity or bodies:**  
CTM2008-06344-C03-02/TECNO)  
Ministerio de Ciencia e Innovación (PN I+D+i)  
**Start-End date:** 01/01/2008 - 31/12/2010      **Duration:** 3 years
- 14** **Name of the project:** Capacidad de biocaptación de CO2 por microalgas marinas: implicaciones en el cambio global  
**Name principal investigator (PI, Co-PI....):** Jesús Forja Pajares  
**Funding entity or bodies:**  
Junta de Andalucía - Proyectos de Excelencia  
**Start-End date:** 01/01/2008 - 31/12/2010      **Duration:** 2 years  
**Participating entity/entities:** CSIC; Universidad de Cádiz; Universidad de Córdoba
- 15** **Name of the project:** Red de conocimiento científico-técnico ambiental para el desarrollo sostenible y la protección de la contaminación y sus efectos en el medio marino costero (PROMAR)  
**Name principal investigator (PI, Co-PI....):** Tomás Ángel del Valls  
**Funding entity or bodies:**  
Ministerio de Educación y Ciencia. Plan Nacional I+D CTM2006-28144-E/TECNO)  
**Start-End date:** 01/01/2007 - 31/12/2008      **Duration:** 1 year
- 16** **Name of the project:** Desarrollo de biosensores de microalgas para la medida de la toxicidad en sistemas acuáticos  
**Name principal investigator (PI, Co-PI....):** Luis M. Lubián Chaichío  
**Funding entity or bodies:**  
PETRI  
**Start-End date:** 01/01/2006 - 31/12/2007      **Duration:** 1 year  
**Total amount:** 37.377 €
- 17** **Name of the project:** Evaluación de la bioacumulación y los efectos por Plomo y otros metales en la desembocadura del río Guadiana, costa Española. INTERREG-UTPIA  
**Name principal investigator (PI, Co-PI....):** Inmaculada Riba López  
**Funding entity or bodies:**  
Universidad de Huelva. INTERREG.  
**Start-End date:** 01/01/2005 - 31/12/2007      **Duration:** 2 years  
**Participating entity/entities:** Universidad de Cádiz/CSIC



- 18** **Name of the project:** Biodisponibilidad y toxicidad de metales pesados en agua de mar: El modelo del ligando biótico para Cd y Ag en el pez Sparus aurata  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
CSIC-GRICES  
**Start-End date:** 01/01/2004 - 31/12/2005 **Duration:** 1 year  
**Participating entity/entities:** CSIC (ICMAN)- University of Algarve
- 19** **Name of the project:** Biomarcadores como herramientas útiles en la gestión integrada de zonas costeras  
**Name principal investigator (PI, Co-PI....):** Montserrat Solé Rovira  
**Funding entity or bodies:**  
CSIC-CNR Italia  
**Start-End date:** 01/01/2003 - 31/12/2004 **Duration:** 1 year  
**Participating entity/entities:** CSIC (ICMAN)- Istituto di Biología del Mare
- 20** **Name of the project:** Calidad ambiental en ecosistemas litorales mediante el uso de biomarcadores moleculares en peces  
**Name principal investigator (PI, Co-PI....):** Montserrat Solé Rovira  
**Funding entity or bodies:**  
CSIC-CONACYT  
**Start-End date:** 01/01/2003 - 31/12/2004 **Duration:** 1 year  
**Participating entity/entities:** CSIC-Centro Investigación en Alimentación y Desarrollo (México)
- 21** **Name of the project:** Empleo de biomarcadores para el estudio de contaminación ambiental en zonas costeras: Atlántico, Mediterráneo y Báltico  
**Name principal investigator (PI, Co-PI....):** Montserrat Solé Rovira  
**Funding entity or bodies:**  
CSIC-Academia de Ciencias de Polonia  
**Start-End date:** 01/01/2003 - 31/12/2004 **Duration:** 1 year  
**Participating entity/entities:** CSIC (ICMAN)-Institute of Oceanology (Polish Academia Sciences)
- 22** **Name of the project:** Diseño y aplicación de métodos integrados para evaluar la peligrosidad de los fangos de dragados en puertos españoles  
**Name principal investigator (PI, Co-PI....):** Angel Del Valls Casillas  
**Funding entity or bodies:**  
Plan Nacional-Ministerio de Fomento  
**Start-End date:** 01/01/2002 - 31/12/2004 **Duration:** 3 years  
**Participating entity/entities:** UCA-CSIC
- 23** **Name of the project:** Evaluación del riesgo ambiental de la contaminación metálica en escenarios del alto valor ecológico: Las marismas del SO. de la Península Ibérica  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
CSIC-ICCIT  
**Start-End date:** 01/01/2002 - 31/12/2003 **Duration:** 1 year  
**Participating entity/entities:** ICMAN (C.S.I.C.)- Universidad Algarve



- 24** **Name of the project:** Estudio de la situación ambiental y sanitaria del entorno de la Ría de Huelva  
**Name principal investigator (PI, Co-PI....):** Juan Luis Ramos; M<sup>a</sup> José González  
**Funding entity or bodies:**  
CICYT AMB1999-1778E  
**Start-End date:** 01/01/2000 - 31/12/2001      **Duration:** 1 year  
**Participating entity/entities:** Estación Experimental Zaidín-IQOG-ICMAN
- 25** **Name of the project:** Cambios en el ciclo del fósforo y sus repercusiones ambientales en una cuenca de pequeño tamaño (Rio Palmones, Cádiz)  
**Name principal investigator (PI, Co-PI....):** X. Niell Castanera.  
**Funding entity or bodies:**  
Plan Nacional de Investigación (CICYT) (AMB96-0782)  
**Start-End date:** 01/01/1996 - 31/12/1998  
**Participating entity/entities:** CSIC-UCA-Univ. Málaga Duración, desde: 1996 hasta: 1999
- 26** **Name of the project:** Estudio del posible papel antioxidante de las metalotioneinas en las células de organismos marinos  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Comisión Mixta Hispano-Italiana  
**Start-End date:** 01/01/1995 - 31/12/1996  
**Participating entity/entities:** CSIC-Universidad de Génova Duración, desde: 1995 hasta: 1997
- 27** **Name of the project:** Aplicación de un método integrado para la medida de la calidad ambiental en sedimentos de tres ecosistemas litorales del golfo de Cádiz.  
**Name principal investigator (PI, Co-PI....):** A. Gómez-Parra  
**Funding entity or bodies:**  
Plan Nacional de I+D (CYCYT) (AMB94-0291)  
**Start-End date:** 01/01/1994 - 31/12/1996  
**Participating entity/entities:** CSIC Duración, desde:1994 hasta: 1997
- 28** **Name of the project:** Metabolismo del fósforo orgánico y fisiología del crecimiento en microalgas marinas  
**Name principal investigator (PI, Co-PI....):** L.M. Lubián Chaichio  
**Funding entity or bodies:**  
Plan Nacional de Investigación (CICYT) (MAR 88-0141)  
**Start-End date:** 01/01/1989 - 31/12/1991  
**Participating entity/entities:** CSIC Duración, desde: 1989 hasta: 1991
- 29** **Name of the project:** Ecofisiología del cultivo de almejas (*Venerupis decussata* y *Venerupis semidecussata*) en salinas  
**Name principal investigator (PI, Co-PI....):** Prof. R. Establier Torregrosa  
**Funding entity or bodies:**  
Plan Andaluz de Investigación  
**Start-End date:** 01/01/1988 - 31/12/1990  
**Participating entity/entities:** CSIC Duración, desde:1988 hasta: 1990



- 30** **Name of the project:** Estudio ecológico sobre la regeneración de nutrientes y transformación de la biomasa en esteros de las salinas de Cádiz  
**Name principal investigator (PI, Co-PI....):** Prof. R. Establier Torregrosa  
**Funding entity or bodies:**  
CAICYT (3-480-0)  
**Start-End date:** 01/01/1985 - 31/12/1987  
**Participating entity/entities:** CSIC Duración, desde: 1985 hasta: 1987
- 31** **Name of the project:** Estudio para el desarrollo integral de la Acuicultura Marina. Estudio de las enzimas digestivas de peces marinos de interés en Acuicultura  
**Name principal investigator (PI, Co-PI....):** Prof. R. Establier Torregrosa  
**Funding entity or bodies:**  
CAICYT 62153-01  
**Start-End date:** 01/01/1982 - 31/12/1984      **Duration:** 2 years  
**Participating entity/entities:** CSIC
- 32** **Name of the project:** Estudio para el desarrollo integral de la Acuicultura Marina. Estudio fisicoquímico y de producción primaria de esteros para su posible adaptación a piscifactorias.  
**Name principal investigator (PI, Co-PI....):** Prof. R. Establier Torregrosa  
**Funding entity or bodies:**  
CAICYT 62153-05  
**Start-End date:** 01/01/1982 - 31/12/1984  
**Participating entity/entities:** CSIC Duración, desde: 1982 hasta: 1984
- 33** **Name of the project:** Evaluación de la contaminación en el Mediterráneo Occidental (Marruecos-España) y su gestión sostenible  
**Type of project:** Basic research (including archaeological digs, etc)      **Geographical area:** Non EU International  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 4  
**Type of participation:** Co-ordinator  
**Name of the programme:** AECID  
**Code according to the funding entity:** A/031201/10  
**Start date:** 01/01/2011
- 34** **Name of the project:** Investigación y Transferencia Transfronteriza España Portugal (I2TEP) subproyecto EMECORISK  
**Type of project:** Industrial research      **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 10  
**Name of the programme:** POCTEP  
**Code according to the funding entity:** 0432\_I2TEP\_5\_E  
**Start date:** 01/01/2011
- 35** **Name of the project:** Assessing and predicting effects of water quantity and quality in Iberian River basins caused by global change  
**Type of project:** Basic research (including archaeological digs, etc)      **Geographical area:** National





**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Barceló, Damià  
**Name of the programme:** Consolider-Ingenio  
**Code according to the funding entity:** CSD2009-00065  
**Start date:** 01/04/2010  
**Total amount:** 4.715.722 €

- 36** **Name of the project:** Estudio de la Presencia de Fármacos: Diagnóstico, Efectos y Riesgos en Marismas y Ecosistemas Acuáticos de la Región Transfronteriza del Suroeste de España y Portugal (FARMACOTOX)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** JOSE LUIS GÓMEZ ARIZA; Julian Blasco  
**Nº of researchers:** 11  
**Name of the programme:** POCTEP  
**Code according to the funding entity:** 0042\_RISE\_5\_E  
**Start date:** 01/01/2010
- 37** **Name of the project:** Estudio de la presencia de disruptores endocrinos y de sus efectos tóxicos en marismas y ecosistemas acuáticos de la región transfronteriza del suroeste de España y Portugal (ENDOCRINOBIOTOX)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** JOSE LUIS GÓMEZ ARIZA 10; Julian Blasco  
**Nº of researchers:** 11  
**Name of the programme:** POCTEP  
**Code according to the funding entity:** 0042\_RISE\_5\_E  
**Start date:** 01/01/2010
- 38** **Name of the project:** Herramientas para la evaluación de la contaminación en el Mediterráneo Occidental (Marruecos y España) y su gestión mediante el análisis de compartimentos ambientales  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 5  
**Name of the programme:** CSIC-CNESTEN  
**Code according to the funding entity:** 2009MA023  
**Start date:** 01/01/2010  
**Total amount:** 5.000 €
- 39** **Name of the project:** Nanopartículas funcionalizadas par aplicaciones de hipertermia y evaluación de su ecotoxicidad  
**Geographical area:** Autonómica  
**Name principal investigator (PI, Co-PI....):** ASUNCION FERNANDEZ CAMACHO  
**Nº of researchers:** 5  
**Name of the programme:** Proyectos Excelencia Junta Andalucía  
**Code according to the funding entity:** P09-FQM-4554  
**Start date:** 29/12/2009  
**Total amount:** 315.347,36 €
- 40** **Name of the project:** Improvement of SQGS through the incorporation of chronic exposure-effect model  
**Geographical area:** European Union  
**Degree of contribution:** Scientist in charge  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO



**Nº of researchers:** 2

**Code according to the funding entity:** FP7-PEOPLE-IOF-2007 236059

**Start date:** 01/07/2009

**Total amount:** 228.338,45 €

**41 Name of the project:** Nitrogen removal in coastal sediments: molecular microbial ecology of nitrate reducing bacteria (-), intra-european Marie Curie reintegration grant,

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 2

**Code according to the funding entity:** 235005

**Start date:** 16/03/2009

**Total amount:** 45.000 €

**42 Name of the project:** Estudio de biomarcadores de toxicidad en microalgas marinas como herramienta para la detección precoz de procesos de contaminación

**Geographical area:** NacionalCalidad en que ha participado: Investigador/a

**Name principal investigator (PI, Co-PI....):** IGNACIO MORENO GARRIDO

**Nº of researchers:** 4

**Code according to the funding entity:** CTM2009-10563/MAR

**Start date:** 01/01/2009

**Total amount:** 197.635 €

**43 Name of the project:** Red de investigación del Suroeste de Europa

**Geographical area:** Unión EuropeaCalidad en que ha participado: Investigador/a

**Name principal investigator (PI, Co-PI....):** Julian Blasco

**Code according to the funding entity:** RISE

**Start date:** 01/01/2009

**Total amount:** 100.000 €

**44 Name of the project:** CONTAMINACIÓN METÁLICA DE LOS SEDIMENTOS, BIODISPONIBILIDAD Y TOXICIDAD, BIOMARCADORES Y PROTEÓMICA, NUEVAS PERSPECTIVAS EN TOXICOLOGÍA AMBIENTAL

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 2

**Code according to the funding entity:** 2007PT0040

**Start date:** 01/01/2008

**Total amount:** 5.000 €

**45 Name of the project:** HERRAMIENTAS PARA LA EVALUACIÓN DE LA CONTAMINACIÓN EN EL MEDITERRÁNEO OCCIDENTAL (MARRUECOS-ESPAÑA) Y SU GESTIÓN SOSTENIBLE MEDIANTE EL ANÁLISIS DE COMPARTIMENTOS AMBIENTALES

**Geographical area:** Non EU International

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 3

**Code according to the funding entity:** 2007MA0025

**Start date:** 01/01/2008

**Total amount:** 5.000 €

**46 Name of the project:** DESARROLLO Y OPTIMIZACIÓN INDUSTRIAL DE ENSAYOS DE TOXICIDAD DE MATERIAL DE DRAGADO LOCALIZADOS EN RECINTOS PORTUARIOS MEDIANTE GUIAS ECOTOXICOLÓGICAS

**Geographical area:** NacionalCalidad en que ha participado: Investigador/a



**Name principal investigator (PI, Co-PI....):** INMACULADA RIBA LÓPEZ

**Nº of researchers:** 2

**Code according to the funding entity:** PET2006\_0685\_01

**Start date:** 24/11/2007

**Total amount:** 17.468 €

**47 Name of the project:** CAMPAÑAS OCEANOGRÁFICAS ASOCIADAS AL PROYECTO INTEGRADO EUROPEO CARBOOCEAN

**Geographical area:** Nacional Calidad en que ha participado: Investigador/a  
61fca8a19df162c6b54710f66a94b045 12

**Name principal investigator (PI, Co-PI....):** ISABEL EMMA HUERTAS CABILLA

**Nº of researchers:** 3

**Code according to the funding entity:** (CTM2006-26206-E/MAR)

**Start date:** 01/01/2007

**Total amount:** 16.000 €

**48 Name of the project:** UNA NUEVA HERRAMIENTA DE RELEVANCIA ECOLÓGICA EN TOXICOLOGÍA AMBIENTAL: MICROFITOBENTOS PARA LA EVALUACIÓN DE LA CALIDAD AMBIENTAL DE SEDIMENTOS ESTUÁRICOS Y COSTEROS (MECASEC).

**Geographical area:** Nacional Calidad en que ha participado: Investigador/a

**Name principal investigator (PI, Co-PI....):** IGNACIO MORENO GARRIDO

**Nº of researchers:** 4

**Code according to the funding entity:** CTM2006-01473

**Start date:** 01/10/2006

**Total amount:** 127.797,72 €

**49 Name of the project:** RED CIENTÍFICA PARA LA CARACTERIZACIÓN DE LOS NIVELES DE CONTAMINACIÓN Y LA GESTIÓN SOSTENIBLE DE MARISMAS DE LA REGIÓN TRANSFRONTERIZA PORTUGAL-ESPAÑA

**Geographical area:** European Union

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO; Bebianno-, Maria Joao

**Nº of researchers:** 4

**Code according to the funding entity:** SP5.E101/03

**Start date:** 01/06/2006

**Total amount:** 213.333,33 €

**50 Name of the project:** DESARROLLO DE NUEVOS BIOMARCADORES PARA UNA GESTIÓN SOSTENIBLE DE ZONAS SENSIBLES: UTILIZACIÓN DE PROTEÓMICA Y METALÓMICA (PROTEBIOMAR)

**Geographical area:** European Union

**Name principal investigator (PI, Co-PI....):** Bebianno-, Maria Joao; JULIAN BLASCO MORENO; JOSE LUIS GÓMEZ ARIZA

**Nº of researchers:** 3

**Code according to the funding entity:** PROTEBIOMAR

**Start date:** 01/04/2006

**Total amount:** 190.000 €

**51 Name of the project:** GENÓMICA Y PROTEÓMICA DE PECES PLANOS PARA LA DIVERSIFICACIÓN ACUÍCOLA ANDALUZA

**Geographical area:** Autonómica Calidad en que ha participado: Investigador/a

**Name principal investigator (PI, Co-PI....):** JUAN LOPEZ BAREA

**Nº of researchers:** 18



**Code according to the funding entity:** AGR 516  
**Start date:** 26/01/2006  
**Total amount:** 976.000 €

**52 Name of the project:** LA PROTEOMICA COMO HERRAMIENTA EN LA EVALUACION DE NUEVOS BIOMARCADORES DE LA CALIDAD AMBIENTAL EN LA ZONA COSTERA

**Geographical area:** National

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 3

**Code according to the funding entity:** 2005PT0038

**Start date:** 01/01/2006

**Total amount:** 3.000 €

**53 Name of the project:** CARACTERIZACION DE LA BIOCUMULACION Y BIOMAGNIFICACION DE CONTAMINANTES COMO HERRAMIENTAS PARA LA EVALUACION DEL RIESGO EN LA SALUD HUMANA

**Geographical area:** National

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 1

**Code according to the funding entity:** CTM2005-07282-C03-02

**Start date:** 15/10/2005

**Total amount:** 88.060 €

**54 Name of the project:** CARBOOCEAN

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** ISABEL EMMA HUERTAS CABILLA

**Nº of researchers:** 5

**Code according to the funding entity:** 511176-GOCE

**Start date:** 01/01/2005

**Total amount:** 122.792 €

**55 Name of the project:** RISK ASSESSMENT OF SURFACTANT IN COASTAL ENVIRONMENTS

**Geographical area:** European Union

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 2

**Code according to the funding entity:** MEST-CT\_2004-505182

**Start date:** 01/04/2004

**Total amount:** 102.943 €

**56 Name of the project:** HERRAMIENTAS PARA LA EVALUACION DE LA CONTAMINACION ORGANICA EN DOS ECOSISTEMAS MARINOS: GOLFO DE GDANSK (MAR BÁLTICO) Y BAHÍA DE CÁDIZ (OCÉANO ATLÁNTICO)

**Geographical area:** National

**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO

**Nº of researchers:** 1

**Code according to the funding entity:** 2004PL0020

**Start date:** 01/01/2004

**Total amount:** 3.000 €



- 57** **Name of the project:** CARACTERIZACIÓN DE LA CALIDAD DE ECOSISTEMAS COSTEROS AFECTADOS POR VERTIDOS DE PETROLEO. COMPARACIÓN ENTRE VERTIDOS ACCIDENTALES (IMPACTO AGUDO) Y DERRAMES CONTINUOS (IMPACTO CRÓNICO).  
**Geographical area:** National  
**Name principal investigator (PI, Co-PI....):** Del Valls-Casillas, Ángel; MARÍA DEL CARMEN SARASQUETE REIRIZ; JULIAN BLASCO MORENO  
**Nº of researchers:** 3  
**Code according to the funding entity:** MCYT/VEM003-20563  
**Start date:** 19/12/2003  
**Total amount:** 15.640 €
- 58** **Name of the project:** ACCIÓN COORDINADA 2003  
**Geographical area:** Regional  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 4  
**Code according to the funding entity:** DESCONOCIDA  
**Start date:** 13/11/2003  
**Total amount:** 0 €
- 59** **Name of the project:** CARACTERIZACIÓN DEL MATERIAL DE DRAGADO OPTIMIZANDO UN MÉTODO INTEGRADO DE EVALUACIÓN DE LA CALIDAD AMBIENTAL. (ADSCRITO POR LA CI 2003-02-27 AL CACYTMAR).  
**Geographical area:** National  
**Name principal investigator (PI, Co-PI....):** TOMÁS ANGEL DEL VALLS CASILLAS; Del Valls-, T.A.; JULIAN BLASCO MORENO  
**Nº of researchers:** 11  
**Code according to the funding entity:** REN2002-01699  
**Start date:** 01/11/2002  
**Total amount:** 114.827,16 €
- 60** **Name of the project:** APLICACION DE SISTEMAS INMOVILIZADOS DE MICROALGAS MARINAS EN LA INCORPORACION Y EVALUACION DE LA TOXICIDAD DE SUSTANCIAS EN ECOSISTEMAS MARINOS  
**Geographical area:** National  
**Name principal investigator (PI, Co-PI....):** JULIAN BLASCO MORENO  
**Nº of researchers:** 3  
**Code according to the funding entity:** REN2001-2095/MAR  
**Start date:** 28/12/2001  
**Total amount:** 108.599 €
- 61** **Name of the project:** OPTIMIZACION DEL TRATAMIENTO ANTIFOULING EN LAS AGUAS DE REFRIGERACION DE LAS CENTRALES TERMICAS ANDALUZAS  
**Geographical area:** Nacional Calidad en que ha participado: Investigador/a  
**Name principal investigator (PI, Co-PI....):** EMILIO PASCUAL VÁZQUEZ  
**Nº of researchers:** 6  
**Code according to the funding entity:** 1FD97-1686-C02-01  
**Start date:** 01/12/2000  
**Total amount:** 116.325,89 €
- 62** **Name of the project:** Metalotioneínas en moluscos bivalvos: Implicaciones ambientales de su empleo como biomarcador de contaminación por metales pesados en sistemas costeros y estuáricos.  
**Name principal investigator (PI, Co-PI....):** Julián Blasco; M.J. Bebianno  
**Funding entity or bodies:**



CSIC-ICCTI

**Start date:** 01/01/2000**Duration:** 1 year**Participating entity/entities:** CSIC-Universidad de Algarve

- 63 Name of the project:** PRIORITY SURFACTANTS AND THEIR TOXIC METABOLITES IN WASTE EFFLUENT DICHARGES AND INTEGRATED STUDY.  
**Geographical area:** European Union  
**Name principal investigator (PI, Co-PI....):** ABELARDO GÓMEZ PARRA; JULIAN BLASCO MORENO; EDUARDO GONZALEZ MAZO  
**Nº of researchers:** 7  
**Code according to the funding entity:** ENV4-CT97-0494  
**Start date:** 01/01/1998  
**Total amount:** 80.776,03 €

- 64 Name of the project:** EFECTO DEL INCREMENTO DE LA RADIACION ULTRAVIOLETA, TEMPERATURA Y CO2 SOBRE LA PRODUCCION PRIMARIA DE MICROALGAS, Y MACROFITOS ACUATICOS: CONSECUENCIAS EN EL CAMBIO CLIMATICO  
**Geographical area:** Nacional Calidad en que ha participado: Investigador/a  
**Name principal investigator (PI, Co-PI....):** LUIS Mª LUBIÁN CHAICHIO  
**Nº of researchers:** 4  
**Code according to the funding entity:** AMB97-1021-CO2-01  
**Start date:** 01/01/1997  
**Total amount:** 0 €

- 65 Name of the project:** Cambio en el Paradigma de los Ensayos de Ecotoxicidad Aplicados en la Evaluación de Riesgo Ambiental: de la Toxicidad a la Selección de Hábitat  
**Name principal investigator (PI, Co-PI....):** Julian Blasco; Pablo A. Lara-Martín  
**Nº of researchers:** 2

### R&D non-competitive contracts, agreements or projects with public or private entities

- 1 Name of the project:** Impacto de fármacos en organismos acuáticos en escenarios de cambio global  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
 Proyecto Intramural CSIC  
**Start date:** 2014 **Duration:** 1 year  
**Total amount:** 8.000 €
- 2 Name of the project:** Evaluación de los efectos de contaminantes emergentes en ecosistemas acuáticos.  
**Funding entity or bodies:**  
 Proyecto Intramural CSIC  
**Start date:** 2012 **Duration:** 12 months
- 3 Name of the project:** Desarrollo y aplicación de índices biológicos de calidad de aguas de transición y costeras de la Comunidad Autónoma de Andalucía en aplicación de la Directiva 2000/60/CE para el indicador macrofauna bentónica  
**Name principal investigator (PI, Co-PI....):** Julián Blasco

**Funding entity or bodies:**

Egmasa

**Start date:** 2009**Duration:** 2 years

- 4** **Name of the project:** Evaluación de los niveles de metales en especies del estuario del Guadalquivir  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Cobre Las Cruces  
**Start date:** 2009
- 5** **Name of the project:** Investigación de la contaminación y cumplimentación del manejo de los sedimentos del Río Sa Francisco  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Votorantim Metais Zinco  
**Start date:** 2009
- 6** **Name of the project:** Desarrollo metodológico para el establecimiento del indicador de invertebrados bentónicos en aguas costeras y de transición de Andalucía  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Consejería de Medio Ambiente (Junta de Andalucía)  
**Start date:** 2008 **Duration:** 1 year
- 7** **Name of the project:** Programa de Evaluación de la Situación Ambiental del Guadalquivir en la zona de afectación del vertido de la Mina Las Cruces, previamente a la puesta en marcha de la actividad minera  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Cobre Las Cruces  
**Start date:** 2008 **Duration:** 1 year
- 8** **Name of the project:** Asistencia para el desarrollo y aplicación de indicadores biológicos en aguas de transición y costeras de Andalucía en cumplimiento de la Directiva 2000/60/CE  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Funding entity or bodies:**  
Consejería de Medio Ambiente (Junta de Andalucía)  
**Start date:** 2007 **Duration:** 1 year
- 9** **Name of the project:** Estudio de alternativas para la ampliación de la dársena portuaria de Cádiz  
**Name principal investigator (PI, Co-PI....):** Miguel Losada (UGR); Javier Ruiz (ICMAN)  
**Funding entity or bodies:**  
Convenio Específico ICMAN-Universidad de Granada  
**Start date:** 2007
- 10** **Name of the project:** Estudio para diagnosticar y pronosticar las consecuencias de las acciones humanas en el estuario del Guadalquivir  
**Name principal investigator (PI, Co-PI....):** Javier Ruiz  
**Funding entity or bodies:**



Autoridad Portuaria de Sevilla

**Start date:** 2007

**Duration:** 2 years

**11 Name of the project:** Evaluación de la toxicidad de tensioactivos asociados a sedimentos marinos mediante el empleo organismos de elevada relevancia ecológica (microfitobentos)

**Type of project:** Research and development, including transfer

**Geographical area:** CSIC

**Degree of contribution:** Scientific coordinator

**Entity where project took place:** Consejo Superior de Investigaciones Científicas

**Type of entity:** State agency

**Name principal investigator (PI, Co-PI...):** Julian Blasco

**Participating entity/entities:** Consejo Superior de Investigaciones Científicas

**Funding entity or bodies:**

Petroquímica Española, S.A.

**Type of entity:** Business

**City funding entity:** San Roque, Andalusia, Spain

**Code according to the funding entity:** 200430E403

**Start date:** 2007

**Duration:** 2 years

**Total amount:** 24.500 €

**12 Name of the project:** Estudio de la viabilidad de la recuperación de las marismas del Rio San Pedro

**Name principal investigator (PI, Co-PI...):** Miguel Losada (UGR); Javier Ruiz (ICMAN)

**Funding entity or bodies:**

Convenio Específico ICMAN-Universidad de Granada

**Start date:** 2006

**13 Name of the project:** Asistencia técnica para la evaluación y seguimiento de los daños derivados del vertido del Prestige” en el Parque Nacional de las Islas Atlánticas y en otros espacios protegidos de relevancia comunitaria.

**Name principal investigator (PI, Co-PI...):** Julián Blasco

**Funding entity or bodies:**

Ministerio de Medio Ambiente. CIS

S.L.

**Start date:** 2004

**Duration:** 3 years

**14 Name of the project:** Diseño y aplicación de bioensayos para el estudio de la toxicidad asociado a sedimentos marinos

**Name principal investigator (PI, Co-PI...):** Julián Blasco Moreno

**Funding entity or bodies:**

Petroquímica Española S.A.

**Start date:** 2004

**Duration:** 2 years

**15 Name of the project:** Diagnóstico ambiental de la Bahía de Algeciras

**Name principal investigator (PI, Co-PI...):** Diego Sales Márquez

**Participating entity/entities:** UCA-CSIC

**Funding entity or bodies:**

Consejería Medio Ambiente

Junta Andalucía

**Start date:** 2002

**Duration:** 2 years





- 16** **Name of the project:** Estudio de la recuperación del Caño Sancti-Petri tras la desaparición de los vertidos de las aguas residuales de la  
**City of entity:** de San Fernando,  
**Name principal investigator (PI, Co-PI....):** Julián Blasco  
**Participating entity/entities:** CSIC  
**Funding entity or bodies:**  
Consejería Medio Ambiente  
Junta Andalucía  
**Start date:** 2002 **Duration:** 3 years
- 17** **Name of the project:** Efecto del lineal alquilbenceno sulfonato sódico (LAS) sobre organismos bentónicos. Implicaciones ecotoxicológicas  
**Name principal investigator (PI, Co-PI....):** Julián Blasco Moreno  
**Funding entity or bodies:**  
Petroquímica Española S. A. (CEPSA)  
**Start date:** 2000 **Duration:** 2 years
- 18** **Name of the project:** Estudio de las comunidades acuáticas del estuario del río Guadalete y su función como zona de cría de especies marinas  
**Name principal investigator (PI, Co-PI....):** Antonio Rodríguez  
**Participating entity/entities:** ICMAN (C.S.I.C.)  
**Funding entity or bodies:**  
Consejería de Medio Ambiente de la Junta de Andalucía  
**Start date:** 2000 **Duration:** 3 years
- 19** **Name of the project:** Contaminación por metales pesados en el estuario del río Guadalquivir. Efectos del accidented e Aznalcóllar sobre el medio físico y los organismos  
**Name principal investigator (PI, Co-PI....):** Abelardo Gómez Parra  
**Participating entity/entities:** CSIC-Universidad de Cádiz  
**Funding entity or bodies:**  
Junta de Andalucía  
**Start date:** 1999 **Duration:** 3 years
- 20** **Name of the project:** Proyectos de investigación en el entorno de Doñana. Seguimiento de la contaminación en la zona estuárica  
**Name principal investigator (PI, Co-PI....):** Julián. Blasco  
**Participating entity/entities:** CSIC-Universidad de Cádiz  
**Funding entity or bodies:**  
C.S.I.C.  
**Start date:** 1998 **Duration:** 1 year
- 21** **Name of the project:** Estudio integrado de alquilbenceno sulfonatos lineales (LAS) en un ecosistema litoral somero (bahía de Cádiz, SO. De España)  
**Name principal investigator (PI, Co-PI....):** A. Gómez-Parra  
**Funding entity or bodies:**  
Petroquímica Española S. A. (CEPSA)  
**Start date:** 1991 **Duration:** 2 years



**22** **Name of the project:** Procesos de regeneración de nutrientes en marismas litorales de la provincia de Cádiz.

**Name principal investigator (PI, Co-PI....):** Prof. R. Establier Torregrosa

**Participating entity/entities:** CSIC

**Funding entity or bodies:**

Excma. Diputación Provincial de Cádiz

**Start date:** 1985

**Duration:** 1 year

## Results

### Industrial and intellectual property

**1** **Title registered industrial property:** HeMHAS- Heterogenous Multi-Habitat Assay System,  
**Inventors/authors/obtainers:** Cristiano Araujo; Julian Blasco; David Roque; Rui Ribeiro; Matilde Moreira-Santos; Sergio Barro-Peñalver

**Entity holder of rights:** CSIC

**N° of application:** #P201731426

**Country of inscription:** Spain

**Date of register:** 2017

**2** **Title registered industrial property:** SISTEMA DE INYECCIÓN DE CO2 PARA ESTUDIOS ECOTOXICOLÓGICOS

**Inventors/authors/obtainers:** MD Basallote; A. Rodriguez-Romero; M. Romano; J. Blasco; A. Valls; I. Riba

**Entity holder of rights:** Universidad de Cádiz

**N° of application:** P201200753

**Country of inscription:** Spain

**Date of register:** 2015

**Conferral date:** 30/11/2015



## Scientific and technological activities

### Scientific production

**H index:** 35

**Date of application:** 07/05/2018

### Publications, scientific and technical documents

- 1** Fatma Aouini; Chiara Trombini; Moritz Volland; Mhamed Elcafsi; Julian Blasco. Assessing lead toxicity in the clam *Ruditapes philippinarum*: Bioaccumulation and biochemical responses. *Ecotoxicology Environmental Safety*. 158, pp. 193 - 203. Elsevier, 2018.  
**Type of production:** Scientific paper **Format:** Journal
- 2** Gema Rodríguez Moro; Tamara García Barrera; Chiara Trombini; Julian Blasco; José Luis Gómez Ariza. Combination of HPLC with organic and inorganic mass spectrometry to study the metabolic response of the clam *Scrobicularia plana* to arsenic exposure. *Electrophoresis*. 39 - 4, pp. 635 - 644. Wiley, 2018.  
**Type of production:** Scientific paper **Format:** Journal
- 3** Marta Sendra; Moritz Volland; T Balbi; R. Fabbri; Maria Pilar Yeste; José Manuel Gatica; Laura Canesi; Julian Blasco. Cytotoxicity of CeO<sub>2</sub> nanoparticles using in vitro assay with *Mytilus galloprovincialis* hemocytes: relevance of zeta potential, shape and biocorona formation. *Aquatic Toxicology*. 200, pp. 13 - 20. 2018.  
**Type of production:** Scientific paper **Format:** Journal
- 4** Marta Sendra; Ignacio Moreno-Garrido; Julian Blasco; Cristiano Araujo. Effect of erythromycin and modulating effect of CeO<sub>2</sub> NPs on the toxicity exerted by the antibiotic on the microalgae *Chlamydomonas reinhardtii* and *Phaeodactylum tricornutum*. *Environmental Pollution*. 242A, pp. 357 - 366. Elsevier, 2018.  
**Type of production:** Scientific paper
- 5** Maria J. Bebianno; C. Cardoso; T. Gomes; J. Blasco; R.S. Santos; A. Colaco. Metal interactions between the polychaete *Branchipolynoe seepensis* and the mussel *Bathymodiolus azoricus* from Mid-Atlantic-Ridge hydrothermal vent fields. *Marine Environmental research*. 10.1016/j.marenvres., Elsevier, 2018.  
**Type of production:** Scientific paper **Format:** Journal
- 6** Antonio Tovar-Sánchez; Cira Buonocore; David Roque. Metals in the European Marine Strategies Legislation: A Challenge for the Managers and Decision-Makers. *Environmental Science and Technology*. ACS, 2018. Available on-line at: <DOI: 10.1021/acs.est.8b02906>.  
**Type of production:** Scientific paper **Format:** Journal
- 7** Cristiano Araujo; David Roque; Rui Ribeiro; Julian Blasco; Asier Toribio; Matilde Moreira-Santos; Enaitz Aguirre; Sergio Barro. Stress-driven emigration in complex field scenarios of habitat disturbance: The Heterogeneous Multi-Habitat Assay System (HeMHAS). *Science of the Total Environment*. aceptado, Elsevier, 2018.  
**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** No



- 8** Julian Blasco; Moritz Volland; Miriam Hampel; Alberto Katsumiti; Maria Pilar Yeste; José Manuel Gatica; Miren Cajaraville. Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of *Ruditapes philippinarum* hemocytes. *Aquatic Toxicology*. 199, pp. 285 - 295. Elsevier, 2018.  
**Type of production:** Scientific paper **Format:** Journal
- 9** Marta Sendra; Marina Pintado Herrera; Gabriela Aguirre Martínez; Ignacio Moreno Garrido; María Laura Martín Díaz; Pablo Antonio Lara Martín; Julian Blasco. Are the TiO<sub>2</sub> NPs a “Trojan horse” for personal care products (PCPs) in the clam *Ruditapes philippinarum*? *Chemosphere*. 185, pp. 192 - 204. Elsevier, 2017.  
**Type of production:** Scientific paper **Format:** Journal
- 10** Denisse. M.S. Abessa; Ligia M. B. M. Santana; Julian Blasco; Olivia Campana. Bioaccumulation kinetics of copper in *Ruditapes philippinarum* exposed to increasing, continuous and pulsed exposure: Implications for growth. *Science Total Environment*. 595, pp. 920 - 927. Elsevier, 2017.  
**Type of production:** Scientific paper
- 11** Laura Canesi; T. Balbi; R. Fabbri; G. Damonte; A. Salis; Moritz Volland; Julian Blasco. Biomolecular coronas in invertebrate species: Implications in the environmental impact of nanoparticles. *Nanoimpact*. 8, pp. 89 - 98. Elsevier, 2017.  
**Type of production:** Scientific paper **Format:** Journal
- 12** Marta Sendra; M. Pilar Este; Ignacio Moreno Garrido; Jose Manuel Gatica; Julian Blasco. CeO<sub>2</sub> NPs, toxic or protective to phytoplankton? Charge of nanoparticles and cell wall as factors which cause changes in cell complexity. *Science of the Total Environment*. 590-591, pp. 304 - 315. Elsevier, 2017.  
**Type of production:** Scientific paper **Format:** Journal
- 13** Marta Sendra; M. Pilar Este; J. M. Gatica; Ignacio Moreno Garrido; Julian Blasco. Direct and indirect effects of silver nanoparticles on freshwater and marine microalgae (*Chlamydomonas reinhardtii* and *Phaeodactylum tricornutum*). *Chemosphere*. 179, pp. 279 - 289. Elsevier, 2017.  
**Type of production:** Scientific paper
- 14** Marta Sendra; David Sánchez-Quiles; Julián Blasco; Ignacio Moreno-Garrido; Luis M Lubián; Sara Pérez-García; Antonio Tovar. Effects of TiO<sub>2</sub> nanoparticles and sunscreens on coastal marine microalgae: Ultraviolet radiation is key variable for toxicity assessment. *Environment International*. 98, pp. 62 - 68. Elsevier, 2017.  
**Type of production:** Scientific paper **Format:** Journal
- 15** Elena Nieto; Carmen Corada Fernández; Miriam Hampel; Pablo A. Lara Martín; Paloma Sanchez-Argüello; Julian Blasco. Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, *Chironomus riparius* (Diptera, Chironomidae). *Science Total Environment*. 609, pp. 715 - 723. Elsevier, 2017.  
**Type of production:** Scientific paper
- 16** Marta Sendra; M. Pilar Yeste; Ignacio Moreno Garrido; J. M. Gatica; Julian Blasco. Homoagglomeration and heteroagglomeration of TiO<sub>2</sub>, in nanoparticle and bulk form, onto freshwater and marine microalgae. *Science Total Environment*. 592, pp. 403 - 411. Elsevier, 2017.  
**Type of production:** Scientific paper
- 17** Marta Sendra; Ignacio Moreno Garrido; M. Pilar Este; J.M. Gatica; Julian Blasco. Toxicity of TiO<sub>2</sub>, in nanoparticle or bulk form to freshwater and marine microalgae under visible light and UV-A radiation. *Environmental Pollution*. 227, pp. 39 - 48. 2017.  
**Type of production:** Scientific paper

- 18** Miriam Hampel; Julian Blasco; Massimiliano Babbucci; Serena Ferrarresso; Massimo Milan. Transcriptome analysis of the brain of the sea bream (*Sparus aurata*) after exposure to human pharmaceuticals at realistic environmental concentrations. *Marine Environmental Research*. 185, pp. 86 - 94. 2017.  
**Type of production:** Scientific paper
- 19** Moritz Volland; Julian Blasco; Miriam Hampel. Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary *Ruditapes philippinarum* hemocytes. *Aquat Toxicol.* 185, pp. 86 - 94. 2017.  
**Type of production:** Scientific paper                                 **Format:** Journal
- 20** Marta Sendra; Julian Blasco; Cristiano Araujo. s the cell wall of marine phytoplankton a protective barrier or a nanoparticle interaction site? Toxicological responses of *Chlorella autotrophica* and *Dunaliella salina* to Ag and CeO<sub>2</sub> nanoparticles. *Ecological Indicators*. Elsevier, 2017.  
**Type of production:** Scientific paper                                 **Format:** Journal
- 21** Chiara Trombini; Miriam Hampel; Julian Blasco. Evaluation of acute effects of four pharmaceuticals and their mixtures on the copepod *Tisbe battagliai*. *Chemosphere*. 155, pp. 319 - 328. Elsevier, 2016.  
**Type of production:** Scientific paper                                 **Format:** Journal
- 22** E. González-Ortegón; J. Blasco; M. Hampel; E. Nieto; L. Leva; L. Giménez. Individual and mixture effects of selected pharmaceuticals on larval development of the estuarine shrimp *Palaemon longirostris*. *Science of the Total Environment*. 540 - 1, pp. 260 - 266. Elsevier, 2016.  
**Type of production:** Scientific paper
- 23** Elena Nieto; Miriam Hampel; Enrique Gonzalez Oregón; Pilar Drake; Julián Blasco. Influence of temperature in single and mixture toxicity of pharmaceuticals in the crustacean *A. desmarestii*. *Journal of Hazardous Materials*. en prensa, Elsevier, 2016.  
**Type of production:** Scientific paper                                 **Format:** Journal
- 24** A. Rodríguez-Romero; N. Jiménez-Tenorio; I. Riba; J. Blasco. Laboratory simulation system, using *Carcinus maenas* as the model organism, for assessing the impact of CO<sub>2</sub> leakage from sub-seabed injection and storage. *Environmental Research*. 144 - PartA, pp. 117 - 129. Elsevier, 2016.  
**Type of production:** Scientific paper
- 25** J. Blasco; Neus Roigo; J. Sierra; I. Moreno-Garrido; E. Nieto; E. Pérez-Gallego; M. Schuhmacher. Metal bioavailability in freshwater sediment samples and their influence on ecological status river basins. *Science of the Total Environment*. 540 - 1, pp. 287 - 296. Elsevier, 2016.  
**Type of production:** Scientific paper
- 26** Neus Roig; Jordi Sierra; Miquel Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; E.P. Gallego; Marta Schuhmacher; Julian Blasco. "Assessment of sediment ecotoxicological status as a complementary tool for the evaluation of surface water quality: The Ebro river basin case study.". *Science of the Total Environment*. 503-504, pp. 269 - 278. Elsevier, 2015.  
**Type of production:** Scientific paper
- 27** Moritz Volland; Miriam Hampel; Juan Antonio Martos-Sitcha; Chiara Trombini; Gonzalo Martínez-Rodríguez; Julián Blasco. Citrate gold nanoparticle exposure in the marine bivalve *Ruditapes philippinarum*: uptake, elimination and oxidative stress response. *Environmental Science and Pollution Research*. 22 - 22, pp. 17414 - 17421. Springer-Verlag, 2015.  
**Type of production:** Scientific paper





- 39** Enrique González-Ortegón; L. Giménez; Julián Blasco; L. Le Vay. Effect of food limitation and pharmaceuticals compounds in the larval development and morphology of *Palaemon serratus*. *Science of the Total Environment*. Elsevier, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 40** Elena Crespo; Pablo Lozano; Julian Blasco; Ignacio Moreno Garrido. Epiphyte toxicity bioassay for ecotoxicological and coastal monitoring. *Environmental Monitoring and Assessment*. 186, pp. 4647 - 4654. 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 41** Amanda Gago Tinoco; R. González Domínguez; Tamara García Barrera; Julián Blasco; María Joao Bebianno; José Luis Gómez Ariza. Metabolic signatures associated with environmental pollution by metals in Doñana National Park using *P. clarkii* as bioindicator. *Environmental Science Pollution Research*. pp. DOI 10.1007/s11356-014-2741-y. 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 42** Araceli Rodriguez Romero; Natalia Jimenez Tenorio; M. Dolores Basallote; Manoela R. De Orte; Julian Blasco; Inmaculada Riba. Predicting the Impacts of CO2 Leakage from Subseabed Storage: Effects of Metal Accumulation and Toxicity on the Model Benthic Organism *Ruditapes philippinarum*. *Environmental Science Technology*. pp. doi.org/10.1021/es501939c. American Chemical Society, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 43** Pablo Lozano; Elena Crespo; Julian Blasco; Ignacio Moreno Garrido. ROI- scavenging enzyme activities as toxicity biomarkers in three species of marine microalgae exposed to model contaminants (copper, Irgarol and atrazine). *Ecotoxicology Environmental Safety*. 104, pp. 294 - 301. 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 44** Araceli Rodriguez Romero; M.D. Basallote; M.R.D. Orte; Inmaculada Riba; T.A. DelValls; Julian Blasco. Simulation of CO2 leakages during injection and storage in sub- seabed geological formations: Metal mobilization and biota effects. *Environment International*. 68, pp. 105 - 117. Elsevier, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 45** Julian Blasco; Vanesa Durán-Grados; Miriam Hampel; Juan Moreno-Gutiérrez. Towards an integrated environmental risk assessment of emissions from ships' propulsion systems. *Environment International*. 68, pp. 44 - 47. Elsevier, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 46** W. Hu; S. Culloty; G. Darmody; S. Lynch; J. Davenport; S. Ramírez García; I. Lynch; J. Blasco; K.A. Dawson; D. Sheehan. Toxicity of copper oxide nanoparticles in the blue mussel, *Mytilus edulis*: A redox proteomic investigation. *Chemosphere*. 108, pp. 289 - 299. Elsevier, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 47** Victoria Tornero; Alberto M. Arias; Julian Blasco. Trace element contamination in the Guadalquivir River Estuary ten years after the Aznalcóllar mine spill. *Marine Pollution Bulletin*. 86, pp. 349 - 360. Elsevier, 2014.  
**Type of production:** Scientific paper **Format:** Journal
- 48** Enrique Gonzalez-Ortegón; Julian Blasco; L. LeVay; L. Giménez. A multiple stressor approach to study the toxicity and sub-lethal effects of pharmaceutical compounds on the larval development of a marine invertebrate. *Journal of Hazardous Materials*. pp. <http://dx.doi.org/10.1016/j.jhazmat.2013.09.041>. Elsevier, 2013.  
**Type of production:** Scientific paper **Format:** Journal
- 49** Carlos Garcia-Negrete; Julian Blasco; Moritz Volland; T.C. Rojas; Miriam Hampel; Alejandro Fernandez-Lapresta; M.C. de Haro; M. Soto; Asuncion Fernandez. Behaviour of Au-citrate nanoparticles in seawater and accumulation in bivalves at environmentally relevant concentrations. *Environmental Pollution*. 174, pp. 134 - 141. Elsevier, 2013.



**Type of production:** Scientific paper

**Format:** Journal

- 50** T. Gomes; M. Gonzalez-Rey; A. Rodriguez-Romero; C. Trombini; I. Riba; J. Blasco; M. J. Bebianno. Biomarkers in *Nereis diversicolor* (Polychaeta: Nereididae) as management tools for environmental assessment on the southwest Iberian coast. *Scientia Marina*. 77 - S1, pp. 69 - 78. 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 51** Olivia Campana; Julian Blasco; Stuart L. Simpson. Demonstrating the appropriateness of developing sediment quality guidelines based on sediment geochemical properties. *Environmental Science Technology*. pp. DOI: 10.1021/es4009272. American Chemical Society, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 52** Elena Crespo; Pablo Lozano; Julian Blasco; Ignacio Moreno-Garrido. Effect of Copper, Irgarol and Atrazine on Epiphytes Attached to Artificial Devices for Coastal Ecotoxicology Bioassays. *Bulletin Environmental Contamination and Toxicology*. pp. DOI 10.1007/s00128-013-1122-4. Springer, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 53** Olivia Campana; Antonio Rodriguez; Julian Blasco. Evaluating the suitability of *Hydrobia ulvae* as a test species for sediment metal toxicity testing applying. *Chemosphere*. 91, pp. 1136 - 1145. Elsevier, 2013. Available on-line at: <<http://dx.doi.org/10.1016/j.chemosphere.2013.01.018>>.

**Type of production:** Scientific paper

**Format:** Journal

- 54** Cristiano Araujo; Sonia Romero; Lucio F. Lourençato; Ignacio Moreno-Garrido; Julian Blasco; Michael R. Gretz; Matilde Moreira-Santos; Rui Ribeiro. Going with the Flow: Detection of Drift in Response to Hypo-Saline Stress by the Estuarine Benthic Diatom *Cylindrotheca closterium*. *PIOs One*. 8 - 11, pp. e81073. PIOs, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 55** Elena Nieto; Julian Blasco; Enrique Gonzalez-Ortegon; Pilar Drake; Miriam Hampel. Is *Atyaephyra desmarestii* a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. *Journal of Hazardous Materials*. <http://dx.doi.org/10>, Elsevier, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 56** Cristiano V. Araujo; Julian Blasco; Ignacio Moreno-Garrido. Motionless of snail *Hydrobia ulvae* (Pennant) as response to sediment toxicity and its consequences for the post-exposure feeding. *Ecotoxicology and Environmental Contamination*. pp. aceptado. Brazilian Society of Ecotoxicology, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 57** M. D. Subida; A. Berihuete; P. Drake; J. Blasco. Multivariate methods and artificial neural networks in the assessment of the response of infaunal assemblages to sediment metal contamination and organic enrichment. *Science Total Environment*. 10.1016/j.scitotenv. - 450-451, pp. 289 - 300. Elsevier, 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 58** Antonio Tovar-Sanchez; David Sanchez-Quiles; Gotzon Basterretxea; Juan L. Benedé; Alberto Chisvert; Amparo Salvador; Ignacio Moreno-Garrido; Julian Blasco. Sunscreen products as emerging pollutants to coastal waters. *PLOS One*. 8 - 6, pp. e65451. 2013.

**Type of production:** Scientific paper

**Format:** Journal

- 59** J.C. Lopez-Doval; N. de Castro-Catalá ; I. Andrés-Domenech; J. Blasco; A. Ginebreda; I. Muñoz. Analysis of monitoring programmes and their suitability for ecotoxicological risk assessment in four Spanish basins. *Science of the Total Environment*. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84864333605&partnerID=40&md5=92a1ef67f76de2a44d15ea79345f94ec>>.

**Type of production:** Scientific paper

**Format:** Journal





- 60** M. Hampel; A. Mauffret; K. Pazdro; J. Blasco. Anionic surfactant linear alkylbenzene sulfonates (LAS) in sediments from the Gulf of Gdansk (southern Baltic Sea, Poland) and its environmental implications. *Environmental Monitoring and Assessment*. 184 - 10, pp. 6013 - 6023. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84866531244&partnerID=40&md5=ca8ef899954caa406a4896278b4ec218>>.  
**Type of production:** Scientific paper **Format:** Journal
- 61** A. Navarro-Ortega; V. Acuña; R.J. Batalla; J. Blasco; C. Conde; F.J. Elorza; A. Elosegi; F. Frances; F. La-Roca; I. Muñoz; M. Petrovic; Y. Pico; S. Sabater; X. Sanchez-Vila; M. Schuhmacher; D. Barcelo. Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. *Environmental Science and Pollution Research*. 19 - 4, pp. 918 - 933. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84860523927&partnerID=40&md5=b2baf5a6571ffc9030e094136f04aab>>.  
**Type of production:** Scientific paper **Format:** Journal
- 62** J. Kalman; I. Riba; A. Delvalls; J. Blasco. Bioaccumulation and effects of metals bound to sediments collected from Gulf of Cadiz (SW Spain) using the polychaete arenicola marina. *Archives of Environmental Contamination and Toxicology*. 62 - 1, pp. 22 - 28. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84856969605&partnerID=40&md5=e68acb39d10051075652753a7c3c7d0a>>.  
**Type of production:** Scientific paper **Format:** Journal
- 63** M. Pena-Abuareca; F. Ye; J. Blasco; L. Ramos. Evaluation of comprehensive two-dimensional gas chromatography-time-of-flight-mass spectrometry for the analysis of polycyclic aromatic hydrocarbons in sediments. *Journal of Chromatography A*. 1256, pp. 222 - 231. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84865374436&partnerID=40&md5=f36ac3139a8d9e503c3e584469768c32>>.  
**Type of production:** Scientific paper **Format:** Journal
- 64** M.D. Basallote; A. Rodriguez-Romero; J. Blasco; A. DelValls; I. Riba. Lethal effects on different marine organisms, associated with sediment-seawater acidification deriving from CO2 leakage. *Environmental science and pollution research international*. 19 - 7, pp. 2550 - 2560. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84867460317&partnerID=40&md5=7ecc3fe715d5dcaaf0ef9b1594608402>>.  
**Type of production:** Scientific paper **Format:** Journal
- 65** C.V.M. Araujo; J. Blasco; I. Moreno-Garrido. Measuring the avoidance behaviour shown by the snail *Hydrobia ulvae* exposed to sediment with a known contamination gradient. *Ecotoxicology*. 21 - 3, pp. 750 - 758. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84862902101&partnerID=40&md5=bf6063c08989a4ef3b6311efa8a13867>>.  
**Type of production:** Scientific paper **Format:** Journal
- 66** A. Lapresta-Fernandez; A. Fernandez; J. Blasco. Nanoecotoxicity effects of engineered silver and gold nanoparticles in aquatic organisms. *TrAC - Trends in Analytical Chemistry*. 32, pp. 40 - 59. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84856575959&partnerID=40&md5=b6fe42211b32ca4ca5ef9b94799ee003>>.  
**Type of production:** Scientific paper **Format:** Journal
- 67** A. Lapresta-Fernandez; A. Fernandez; J. Blasco. Public concern over ecotoxicology risks from nanomaterials: Pressing need for research-based information. *Environment International*. 39 - 1, pp. 148 - 149. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84555190283&partnerID=40&md5=f8dfd6624422e35492b20db19d21c931>>.  
**Type of production:** Scientific paper **Format:** Journal
- 68** O. Campana; S.L. Simpson; D.A. Spadaro; J. Blasco. Sub-lethal effects of copper to benthic invertebrates explained by sediment properties and dietary exposure. *Environmental Science and Technology*. 46 - 12, pp. 6835 - 6842. 2012. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84862583106&partnerID=40&md5=e6b92f340f1d07b0c0a8a1980301c937>>.



**Type of production:** Scientific paper

**Format:** Journal

- 69** V. Tornero; A.M. Arias; J. Blasco. Following the Aznalcollar toxic spill. *Environmental Research*. 111 - 8, pp. 1033 - 1036. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-80755172201&partnerID=40&md5=f34bcc7cf2b121434a847ec32b510e18>>.

**Type of production:** Scientific paper

**Format:** Journal

- 70** A. Mauffret; D.C. Gillan; K.M. Eriksson; A. Rottiers; J. Blasco; A. Temara. LAS degradability by marine biofilms derived from seawater in Spain and Sweden. *Ecotoxicology and Environmental Safety*. 74 - 5, pp. 1250 - 1256. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-79958767679&partnerID=40&md5=d57952c8437265d588448e694860122f>>.

**Type of production:** Scientific paper

**Format:** Journal

- 71** R. Company; A. Serafim; B. Lopes; A. Cravo; J. Kalman; I. Riba; T.A. DelValls; J. Blasco; J. Delgado; A.M. Sarmiento; J.M. Nieto; T.J. Shepherd; G. Nowell; M.J. Bebianno. Source and impact of lead contamination on ÎŽ-aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. *Aquatic Toxicology*. 101 - 1, pp. 146 - 154. 2011. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78649903616&partnerID=40&md5=f2ee8830ca6961767f3163e68b0775b7>>.

**Type of production:** Scientific paper

**Format:** Journal

- 72** J. Kalman; B.D. Smith; I. Riba; J. Blasco; P.S. Rainbow. Biodynamic modelling of the accumulation of Ag, Cd and Zn by the deposit-feeding polychaete *Nereis diversicolor*: Inter-population variability and a generalised predictive model. *Marine Environmental Research*. 69 - 5, pp. 363 - 373. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77952670691&partnerID=40&md5=0dd4174c6eb7bf1433fe6f2cd19fee50>>.

**Type of production:** Scientific paper

**Format:** Journal

- 73** J. Kalman; I. Riba; T. Àngel DelValls; J. Blasco. Comparative toxicity of cadmium in the commercial fish species *Sparus aurata* and *Solea senegalensis*. *Ecotoxicology and Environmental Safety*. 73 - 3, pp. 306 - 311. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77649191103&partnerID=40&md5=521117900df2baa433d90e10f0e03cc1>>.

**Type of production:** Scientific paper

**Format:** Journal

- 74** I. Lopes; A. Sedlmayr; M. Moreira-Santos; I. Moreno-Garrido; J. Blasco; R. Ribeiro. European bee-eater (*Merops apiaster*) populations under arsenic and metal stress: Evaluation of exposure at a mining site. *Environmental Monitoring and Assessment*. 161 - 1-4, pp. 237 - 245. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-74349104223&partnerID=40&md5=994aa6cc08a88e3c28bd756dbead5559>>.

**Type of production:** Scientific paper

**Format:** Journal

- 75** S. Tedesco; H. Doyle; J. Blasco; G. Redmond; D. Sheehan. Exposure of the blue mussel, *Mytilus edulis*, to gold nanoparticles and the pro-oxidant menadione. *Comparative Biochemistry and Physiology - C Toxicology and Pharmacology*. 151 - 2, pp. 167 - 174. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-72049090110&partnerID=40&md5=3ae8ab9ab7890ddd47754cdaf928d5c3>>.

**Type of production:** Scientific paper

**Format:** Journal

- 76** A. Mauffret; A. Rico-Rico; A. Temara; J. Blasco. Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment associated LAS. *Environmental Pollution*. 158 - 2, pp. 529 - 535. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-74249103360&partnerID=40&md5=b4e0c86d6f9176e7996158f4635471ac>>.

**Type of production:** Scientific paper

**Format:** Journal

- 77** A. Mauffret; A. Temara; J. Blasco. Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment spiked with LAS congeners. *Water Research*. 44 - 9, pp. 2831 - 2840. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77950952314&partnerID=40&md5=e1c41e33cc2ae746a12643100a2058eb>>.

**Type of production:** Scientific paper

**Format:** Journal

- 78** H. Chairi; C. Fernandez-Diaz; J.I. Navas; M. Manchado; L. Rebordinos; J. Blasco. In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO<sub>4</sub>. *Ecotoxicology and Environmental Safety*. 73 - 6, pp. 1279 - 1285. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77956191176&partnerID=40&md5=530537547cf4cb83031de01848e4517b>>.  
**Type of production:** Scientific paper **Format:** Journal
- 79** I. Riba; J. Kalman; C. Vale; J. Blasco. Influence of sediment acidification on the bioaccumulation of metals in *Ruditapes philippinarum*. *Environmental Science and Pollution Research*. 17 - 9, pp. 1519 - 1528. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77957160014&partnerID=40&md5=cbf913ca9da1e9429be699342203e53f>>.  
**Type of production:** Scientific paper **Format:** Journal
- 80** Jose Antonio Cuesta; Antonio Rodriguez; Alberto M. Arias; Julian Blasco. Langostino del Golfo de Cádiz: Bases científicas para la implantación de un marca de calidad REF REVISTA/LIBRO. *Ruta Pesquera* 81: 66-67 (2010). *Ruta Pesquera*. 81, pp. 66 - 67. 2010.  
**Type of production:** Scientific paper
- 81** C.V.M. Araujo; J. Blasco; I. Moreno-Garrido. Microphytobenthos in ecotoxicology: A review of the use of marine benthic diatoms in bioassays. *Environment International*. 36 - 6, pp. 637 - 646. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77953614495&partnerID=40&md5=c2d5939f9065019a757a43f59dbb5ca0>>.  
**Type of production:** Scientific paper **Format:** Journal
- 82** S. Tedesco; H. Doyle; J. Blasco; G. Redmond; D. Sheehan. Oxidative stress and toxicity of gold nanoparticles in *Mytilus edulis*. *Aquatic Toxicology*. 100 - 2, pp. 178 - 186. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78049508680&partnerID=40&md5=83d698c686802f8401e5c7bccc595e05>>.  
**Type of production:** Scientific paper **Format:** Journal
- 83** C.V.M. Araujo; F.R. Diz; V. Tornero; L.M. Lubián; J. Blasco; I. Moreno-Garrido. Ranking sediment samples from three Spanish estuaries in relation to its toxicity for two benthic species: The microalga *Cylindrotheca closterium* and the copepod *Tisbe battagliai*. *Environmental Toxicology and Chemistry*. 29 - 2, pp. 393 - 400. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77951100818&partnerID=40&md5=f415002987b2f5afbfae747fa36facc9>>.  
**Type of production:** Scientific paper **Format:** Journal
- 84** C.V.M. Araujo; V. Tornero; L.M. Lubián; J. Blasco; S.A. vanBergeijk; P. Cañavate; A. Cid; D. Franco; R. Prado; A. Bartual; M.G. Lopez; R. Ribeiro; M. Moreira-Santos; A. Torreblanca; B. Jurado; I. Moreno-Garrido. Ring test for whole-sediment toxicity assay with -a- benthic marine diatom. *Science of the Total Environment*. 408 - 4, pp. 822 - 828. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-72149104338&partnerID=40&md5=a7b03ba90bb3c1b7d7cfb56527c7b6dd>>.  
**Type of production:** Scientific paper **Format:** Journal
- 85** C.V.M. Araujo; F.R. Diz; L.M. Lubian; J. Blasco; I. Moreno-Garrido. Sensitivity of *Cylindrotheca closterium* to copper: Influence of three test endpoints and two test methods. *Science of the Total Environment*. 408 - 17, pp. 3696 - 3703. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77953810726&partnerID=40&md5=07b82f97479726265cd99bb6d17284f0>>.  
**Type of production:** Scientific paper **Format:** Journal
- 86** C. Trombini; E. Fabbri; J. Blasco. Temporal variations in metallothionein concentration and subcellular distribution of metals in gills and digestive glands of the oyster *Crassostrea angulata* [Variación temporal de la concentración de metalotioneínas y distribución subcelular de metales en branquias y glandula digestiva del ostion *Crassostrea angulata*]. *Scientia Marina*. 74 - SUPPL. 1, pp. 143 - 152. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650932697&partnerID=40&md5=f6b4f4ac3039582d93e681b765b69d5d>>.



**Type of production:** Scientific paper

**Format:** Journal

- 87** A. Mauffret; I. Moreno-Garrido; J. Blasco. The use of marine benthic diatoms in a growth inhibition test with spiked whole-sediment. *Ecotoxicology and Environmental Safety*. 73 - 3, pp. 262 - 269. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-77649184891&partnerID=40&md5=42e54dcf346f2b9e5e06dae5ace5040e>>.

**Type of production:** Scientific paper

**Format:** Journal

- 88** J. Blasco; T. Gomes; T. Garcí-a-Barrera; A. Rodríguez-Romero; M. Gonzalez-Rey; F. Moran-Roldan; C. Tromibini; M. Miotk; J.L. Gomez-Ariza; M.J. Bebianno. Trace metal concentrations in sediments from the southwest of the Iberian Peninsula [Concentración de metales trazas en sedimentos del suroeste de la Península Ibérica]. *Scientia Marina*. 74 - SUPPL. 1, pp. 99 - 106. 2010. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-78650950127&partnerID=40&md5=bbcb0ddeb0245a944b9f1d6cc05c987>>.

**Type of production:** Scientific paper

**Format:** Journal

- 89** J. Kalman; F. Palais; J.C. Amiard; C. Mouneyrac; A. Muntz; J. Blasco; I. Riba; C. Amiard-Triquet. Assessment of the health status of populations of the ragworm *Nereis diversicolor* using biomarkers at different levels of biological organisation. *Marine Ecology Progress Series*. 393, pp. 55 - 67. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-70450208126&partnerID=40&md5=7497c611fec8efdb3e5b25a89955ff53>>.

**Type of production:** Scientific paper

**Format:** Journal

- 90** A. Mauffret; A. Rottiers; T. Federle; D.C. Gillan; M. Hampel; J. Blasco; A. Temara. Colonized beads as inoculum for marine biodegradability assessment: Application to Linear Alkylbenzene Sulfonate. *Environment International*. 35 - 6, pp. 885 - 892. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67349204466&partnerID=40&md5=b3851d1a536d78cf4b63a8545068ef53>>.

**Type of production:** Scientific paper

**Format:** Journal

- 91** D.A. Ahsan; T.A. DelValls; J. Blasco. Distribution of arsenic and trace metals in the floodplain agricultural soil of Bangladesh. *Bulletin of Environmental Contamination and Toxicology*. 82 - 1, pp. 11 - 15. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-57849093059&partnerID=40&md5=b3d4327f70fd7127083b5a597858708a>>.

**Type of production:** Scientific paper

**Format:** Journal

- 92** M. Hampel; J. Canario; V. Branco; C. Vale; J. Blasco. Environmental levels of Linear alkylbenzene Sulfonates (LAS) in sediments from the Tagus estuary (Portugal): Environmental implications. *Environmental Monitoring and Assessment*. 149 - 1-4, pp. 151 - 161. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-58549108054&partnerID=40&md5=c29f5cc95ed3fae2405e6d993d043843>>.

**Type of production:** Scientific paper

**Format:** Journal

- 93** O. Campana; A. Rodríguez; J. Blasco. Identification of a potential toxic hot spot associated with AVS spatial and seasonal variation. *Archives of Environmental Contamination and Toxicology*. 56 - 3, pp. 416 - 425. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-63249092249&partnerID=40&md5=7e16946859611b9e36525159405f6d6e>>.

**Type of production:** Scientific paper

**Format:** Journal

- 94** D. Alvarez-Muñoz; A. Gomez-Parra; J. Blasco; C. Sarasquete; E. Gonzalez-Mazo. Oxidative stress and histopathology damage related to the metabolism of dodecylbenzene sulfonate in Senegalese sole. *Chemosphere*. 74 - 9, pp. 1216 - 1223. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-61549095812&partnerID=40&md5=f7fc41229c100bd626fb00b906acfc3f>>.

**Type of production:** Scientific paper

**Format:** Journal



- 95** M. Sole; J. Kopecka-Pilarczyk; J. Blasco. Pollution biomarkers in two estuarine invertebrates, *Nereis diversicolor* and *Scrobicularia plana*, from a Marsh ecosystem in SW Spain. *Environment International*. 35 - 3, pp. 523 - 531. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-61449224748&partnerID=40&md5=4ac8997b2b935307e9b55e2e4ab80446>>.  
**Type of production:** Scientific paper **Format:** Journal
- 96** C.V.M. Araujo; F.R. Diz; I. Laiz; L.M. Lubian; J. Blasco; I. Moreno-Garrido. Sediment integrative assessment of the Bay of Cadiz (Spain): An ecotoxicological and chemical approach. *Environment International*. 35 - 6, pp. 831 - 841. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67349157527&partnerID=40&md5=1a720fc39b10d845f656159321516d87>>.  
**Type of production:** Scientific paper **Format:** Journal
- 97** F.R. Diz; C.V.M. Araujo; I. Moreno-Garrido; M. Hampel; J. Blasco. Short-term toxicity tests on the harpacticoid copepod *Tisbe battagliai*: Lethal and reproductive endpoints. *Ecotoxicology and Environmental Safety*. 72 - 7, pp. 1881 - 1886. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-70049095868&partnerID=40&md5=43104bf52349a09897432043e4932e41>>.  
**Type of production:** Scientific paper **Format:** Journal
- 98** M. Hampel; I. Moreno-Garrido; E. Gonzalez-Mazo; J. Blasco. Suitability of the marine prosobranch snail *Hydrobia ulvae* for sediment toxicity assessment: A case study with the anionic surfactant linear alkylbenzene sulphonate (LAS). *Ecotoxicology and Environmental Safety*. 72 - 4, pp. 1303 - 1308. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-64649098359&partnerID=40&md5=cd4049aba2a2bdc35bda837098ffa8ed>>.  
**Type of production:** Scientific paper **Format:** Journal
- 99** D.A. Ahsan; T.A. DelValls; J. Blasco. The relationship of national and international environmental NGOs in Bangladesh and their role in wetland conservation. *International Journal of Environmental Research*. 3 - 1, pp. 23 - 34. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67649965272&partnerID=40&md5=d9a69eecd2178c1c741f200d713ee18c>>.  
**Type of production:** Scientific paper **Format:** Journal
- 100** M.L. Martin-Diaz; J. Blasco; D. Sales; T.A. DelValls. The use of a kinetic biomarker approach for in situ monitoring of littoral sediments using the crab *Carcinus maenas*. *Marine Environmental Research*. 68 - 2, pp. 82 - 88. 2009. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-67649240123&partnerID=40&md5=22a9711ec3f4acb7140d889ce51d9238>>.  
**Type of production:** Scientific paper **Format:** Journal
- 101** Julian Blasco; ERduardo Gonzalez Mazo; Antonio Tovar. Urban pressure on the Spanish Mediterranean coasts: ecotoxicological and ecological issues in marine ecosystems. Impact of large Mediterranean cities on marine ecosystems: Workshop Proceedings. pp. 51 - 58. Alejandría(Egypt): 2009.  
**Type of production:** Scientific paper
- 102** C.V.M. Araujo; F.R. Diz; I. Moreno-Garrido; L.M. Lubian; J. Blasco. Effects of cold-dark storage on growth of *Cylindrotheca closterium* and its sensitivity to copper. *Chemosphere*. 72 - 9, pp. 1366 - 1372. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-46349092912&partnerID=40&md5=a0e72c1362cddd39794be3fe0f68e29d>>.  
**Type of production:** Scientific paper **Format:** Journal
- 103** M. Hampel; J.B. Ortiz-Delgado; C. Sarasquete; J. Blasco. Effects of sediment sorbed linear alkylbenzene sulphonate on juveniles of the senegal sole, *solea senegalensis*: Toxicity and histological indicators. *Histology and Histopathology*. 23 - 1, pp. 87 - 100. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-35748931766&partnerID=40&md5=de3497c97fdbf8de64c9b04ec7e7313d>>.  
**Type of production:** Scientific paper **Format:** Journal

- 104** M.L. Martin-Di-az; J. Blasco; D. Sales; T.A. DelValls. Field validation of a battery of biomarkers to assess sediment quality in Spanish ports. *Environmental Pollution*. 151 - 3, pp. 631 - 640. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-38849141046&partnerID=40&md5=cf70aa74aa85199724da5a82e934e57c>>.  
**Type of production:** Scientific paper **Format:** Journal
- 105** J. Blasco; A. Delvalls. Impact of emergent contaminants in the environment: Environmental risk assessment. *Handbook of Environmental Chemistry, Volume 5: Water Pollution*. 5 S1, pp. 169 - 188. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-54849419305&partnerID=40&md5=26aaaa0c19323c4537e0121df6eec4ac>>.  
**Type of production:** Scientific paper **Format:** Journal
- 106** M.L. Martin-Diaz; T.A. DelValls; I. Riba; J. Blasco. Integrative sediment quality assessment using a biomarker approach: Review of 3 years of field research. *Cell Biology and Toxicology*. 24 - 6, pp. 513 - 526. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-56349143684&partnerID=40&md5=6861458276b2a8d53929568b6f0440fe>>.  
**Type of production:** Scientific paper **Format:** Journal
- 107** J. Kalman; I. Riba; J. Blasco; T.A. DelValls. Is delta-aminolevulinic acid dehydratase activity in bivalves from south-west Iberian Peninsula a good biomarker of lead exposure?. *Marine Environmental Research*. 66 - 1, pp. 38 - 40. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-44749089047&partnerID=40&md5=60c5f4ae614d772bc54c3c16d6c7b96b>>.  
**Type of production:** Scientific paper **Format:** Journal
- 108** A. Romero-Ruiz; J. Alhama; J. Blasco; J.L. Gomez-Ariza; J. Lopez-Barea. New metallothionein assay in *Scrobicularia plana*: Heating effect and correlation with other biomarkers. *Environmental Pollution*. 156 - 3, pp. 1340 - 1347. 2008. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-55849102115&partnerID=40&md5=68e03effce1ffa6a7735fa41a9550cb>>.  
**Type of production:** Scientific paper **Format:** Journal
- 109** M.L. Martin-Di-az; J. Blasco; D. Sales; T.A. Delvalls. Biomarkers study for sediment quality assessment in spanish ports using the crab *carcinus maenas* and the clam *Ruditapes philippinarum*. *Archives of Environmental Contamination and Toxicology*. 53 - 1, pp. 66 - 76. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34249790277&partnerID=40&md5=13c4f52d0f121e469938b3b68c125c5f>>.  
**Type of production:** Scientific paper **Format:** Journal
- 110** M. Hampel; E. Gonzalez-Mazo; C. Vale; J. Blasco. Derivation of predicted no effect concentrations (PNEC) for marine environmental risk assessment: Application of different approaches to the model contaminant Linear Alkylbenzene Sulphonates (LAS) in a site-specific environment. *Environment International*. 33 - 4, pp. 486 - 491. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047093508&partnerID=40&md5=5dbfc4a3b0fc3d5d6fcc0def5a890d0f>>.  
**Type of production:** Scientific paper **Format:** Journal
- 111** L. Quiros; B. Piña; M. Sole; J. Blasco; M.A. Lopez; M.C. Riva; D. Barcelo; D. Raldua. Environmental monitoring by gene expression biomarkers in *Barbus graellsii*: Laboratory and field studies. *Chemosphere*. 67 - 6, pp. 1144 - 1154. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33846839665&partnerID=40&md5=3434e8dfe66e26f2e7221da0ee68fe5a>>.  
**Type of production:** Scientific paper **Format:** Journal
- 112** I. Moreno-Garrido; L.M. Lubian; B. Jimenez; A.M.V.M. Soares; J. Blasco. Estuarine sediment toxicity tests on diatoms: Sensitivity comparison for three species. *Estuarine, Coastal and Shelf Science*. 71 - 1-2, pp. 278 - 286. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33845660435&partnerID=40&md5=f5da7d9e82bf9fe6979414c6242151ad>>.  
**Type of production:** Scientific paper **Format:** Journal

- 113** J. Blasco; A. DelValls; P. Rainbow. Guest editorial. *Environment International*. 33 - 4, pp. 427 - 428. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33947715377&partnerID=40&md5=52a90a04de585649eeb585c3bac582e3>>.  
**Type of production:** Scientific paper **Format:** Journal
- 114** D. Álvarez-Muñoz; P.A. Lara-Martín; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. Presence, biotransformation and effects of sulfophenylcarboxylic acids in the benthic fish *Solea senegalensis*. *Environment International*. 33 - 4, pp. 565 - 570. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047120862&partnerID=40&md5=a954b411324b2e5540838852ff81dee2>>.  
**Type of production:** Scientific paper **Format:** Journal
- 115** I. Moreno-Garrido; L.M. Lubian; J. Blasco. Sediment toxicity tests involving immobilized microalgae (*Phaeodactylum tricornutum* Bohlin). *Environment International*. 33 - 4, pp. 481 - 485. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047133652&partnerID=40&md5=bca6a55fcf2bd04c70474abd0622dfaa>>.  
**Type of production:** Scientific paper **Format:** Journal
- 116** M.L. Martín-Díaz; J. Kalman; I. Riba; D.F. de la Reguera; J. Blasco; A. DelValls. The use of a metallothionein-like-proteins (MTLP) kinetic approach for metal bioavailability monitoring in dredged material. *Environment International*. 33 - 4, pp. 463 - 468. 2007. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047146119&partnerID=40&md5=b798d63021774322599e4ee606064c96>>.  
**Type of production:** Scientific paper **Format:** Journal
- 117** D. Álvarez-Muñoz; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. A biomarker approach to assess the C10-2-linear alkylbenzene sulfonate effect on benthic marine fish, *Solea senegalensis*, using a continuous exposure flow system. *Marine Environmental Research*. 62 - SUPPL. 1, pp. S378 - S379. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33745643206&partnerID=40&md5=6183c619e56a19074620ac0dcac71c32>>.  
**Type of production:** Scientific paper **Format:** Journal
- 118** D. Álvarez-Muñoz; M. Saez; J. Blasco; A. Gomez-Parra; E. Gonzalez-Mazo. Enzymatic activity of acid and alkaline phosphatases and catalase in *Ruditapes philippinarum* as biomarkers of stress caused by anionic (C11-LAS) and non-ionic (NPEO2.8) surfactants [Actividades enzimáticas de las fosfatasas Ácida y alcalina y la catalasa en *Ruditapes philippinarum* como biomarcadores del estrés generado por tensioactivos aniónicos (C11-LAS) y no iónicos (NPEO2.8)]. *Ciencias Marinas*. 32 - 2 B, pp. 447 - 455. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33747379875&partnerID=40&md5=15ec99b99a15ee1ba0884f005d3fe19a>>.  
**Type of production:** Scientific paper **Format:** Journal
- 119** M.C. Casado-Martínez; J. Blasco; M.A. Gonzalez-Castromil; I. Riba; T.A. DelValls. Interlaboratory assessment of marine bioassays to evaluate the environmental quality of coastal sediments in Spain. V. Whole sediment toxicity test using juveniles of the bivalve *Ruditapes philippinarum* [Ejercicio interlaboratorio de bioensayos para la evaluación de la calidad ambiental de sedimentos costeros. V. Ensayo de toxicidad sobre sedimento con juveniles del bivalvo *Ruditapes philippinarum*]. *Ciencias Marinas*. 32 - 1 B, pp. 159 - 166. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33645521585&partnerID=40&md5=560dbf81d6492b15d764e4f397a3e023>>.  
**Type of production:** Scientific paper **Format:** Journal
- 120** M.L. Martín-Díaz; S.R. Tuberty; C.L. McKenney Jr.; J. Blasco; C. Sarasquete; T.A. DelValls. The use of bioaccumulation, biomarkers and histopathology diseases in shape *Procambarus clarkii* to establish bioavailability of Cd and Zn after a mining spill. *Environmental Monitoring and Assessment*. 116 - 1-3, pp. 169 - 184. 2006. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-33745116268&partnerID=40&md5=b671d12603e024952f1abb649f172b1c>>.

**Type of production:** Scientific paper**Format:** Journal

- 121** A.R. de la Rúa; J.M. Arellano; M.L. Gonzalez de Canales; J. Blasco; C. Sarasquete. Accumulation of copper and histopathological alterations in the oyster *Crassostrea angulata* [Acumulación de cobre y alteraciones histopatológicas en el ostión *Crassostrea angulata*]. *Ciencias Marinas*. 31 - 3, pp. 455 - 466. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-26844511213&partnerID=40&md5=8df860a0a9c1a3248b6180ef2ca2157d>>.

**Type of production:** Scientific paper**Format:** Journal

- 122** M.L. Martin-Diaz; A. Villena-Lincoln; S. Bamber; J. Blasco; T.Á. DelValls. An integrated approach using bioaccumulation and biomarker measurements in female shore crab, *Carcinus maenas*. *Chemosphere*. 58 - 5, pp. 615 - 626. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144266574&partnerID=40&md5=c08bcfa18cae314ec5e118caf6f23418>>.

**Type of production:** Scientific paper**Format:** Journal

- 123** M.L. Martin-Diaz; J. Blasco; M. Gonzalez De Canales; D. Sales; T.Á. DelValls. Bioaccumulation and toxicity of dissolved heavy metals from the Guadalquivir Estuary after the Aznalcóllar mining spill using *Ruditapes philippinarum*. *Archives of Environmental Contamination and Toxicology*. 48 - 2, pp. 233 - 241. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-15744401566&partnerID=40&md5=eff6ceb56d7182c654665210b8f357ac>>.

**Type of production:** Scientific paper**Format:** Journal

- 124** O. Campana; A. Rodriguez; J. Blasco. Bioavailability of heavy metals in the Guadalete River Estuary (SW Iberian Peninsula) [Biodisponibilidad de metales pesados en el Estuario del Río Guadalete (SO Península Ibérica)]. *Ciencias Marinas*. 31 - 1 B, pp. 135 - 147. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-21344463061&partnerID=40&md5=b69a944064565c0dded27a027663dac3>>.

**Type of production:** Scientific paper**Format:** Journal

- 125** I. Moreno-Garrido; O. Campana; L.M. Lubian; J. Blasco. Calcium alginate immobilized marine microalgae: Experiments on growth and short-term heavy metal accumulation. *Marine Pollution Bulletin*. 51 - 8-12, pp. 823 - 829. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-27744522047&partnerID=40&md5=b55fb661d3792809c32ad08cc553b26b>>.

**Type of production:** Scientific paper**Format:** Journal

- 126** M. Sole Rovira; C. Fernandez-Diaz; J.P. Cañavate; J. Blasco. Effects on metallothionein levels and other stress defences in Senegal sole larvae exposed to cadmium. *Bulletin of Environmental Contamination and Toxicology*. 74 - 3, pp. 597 - 603. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-23444440518&partnerID=40&md5=1de91e0d2ffc24beedbc631bfc6e3c71>>.

**Type of production:** Scientific paper**Format:** Journal

- 127** I. Riba; J. Blasco; N. Jimenez-Tenorio; T.A. DelValls. Heavy metal bioavailability and effects: I. Bioaccumulation caused by mining activities in the Gulf of Cádiz (SW, Spain). *Chemosphere*. 58 - 5, pp. 659 - 669. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144305801&partnerID=40&md5=186d3a99c854c3fdb9c7d2f848923bd6>>.

**Type of production:** Scientific paper**Format:** Journal

- 128** I. Riba; J. Blasco; N. Jimenez-Tenorio; M.L. Gonzalez De Canales; T.A. DelValls. Heavy metal bioavailability and effects: II. Histopathology-bioaccumulation relationships caused by mining activities in the Gulf of Cádiz (SW, Spain). *Chemosphere*. 58 - 5, pp. 671 - 682. 2005. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-11144339975&partnerID=40&md5=1c3e715f3dcbb6d551a118acd53a06dc>>.

**Type of production:** Scientific paper**Format:** Journal





- 138** L.R. Bordajandi; G. Gomez; E. Abad; J. Rivera; M.M Fernandez-Baston; J. Blasco; M.J. González. Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd, Zn, Pb, and Hg), and Arsenic in Food Samples from Huelva (Spain): Levels and Health Implications. *Journal of Agricultural and Food Chemistry*. 52 - 4, pp. 992 - 1001. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-10744230659&partnerID=40&md5=0a442a6220c65f6d514d02edda3b6737>>.  
**Type of production:** Scientific paper **Format:** Journal
- 139** D. Barcelo; M. Petrovic; E. deDeckere; J.F. Bakker; M. Scrimshaw; J. Stegemann; G. Kowalewska; P. Heininger; C. Vale; P.D. Hansen; M.J.B. Segarra; A. Parker; V. Poulsen; W. Manz; J. Blasco; T.A. DelValls. Synthesis of the SedNet work package 3 outcomes. *Journal of Soils and Sediments*. 4 - 4, pp. 223 - 224. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-9144219631&partnerID=40&md5=6b635c211173bb1a07c0620a7d5a0126>>.  
**Type of production:** Scientific paper **Format:** Journal
- 140** M. Sole; J. Potrykus; C. Fernandez-Diaz; J. Blasco. Variations on stress defences and metallothionein levels in the Senegal sole, *Solea senegalensis*, during early larval stages. *Fish Physiology and Biochemistry*. 30 - 1, pp. 57 - 66. 2004. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-19444372266&partnerID=40&md5=d5aa1c25033add0f744e02cd18bf65cc>>.  
**Type of production:** Scientific paper **Format:** Journal
- 141** I. Riba; E. Garcia-Luque; J. Blasco; T.A. DelValls. Bioavailability of heavy metals bound to estuarine sediments as a function of pH and salinity values. *Chemical Speciation and Bioavailability*. 15 - 4, pp. 101 - 114. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2942574506&partnerID=40&md5=14f695429031bc353f96fbbcf14f8c86>>.  
**Type of production:** Scientific paper **Format:** Journal
- 142** O. Campana; C. Sarasquete; J. Blasco. Effect of lead on ALA-D activity, metallothionein levels, and lipid peroxidation in blood, kidney, and liver of the toadfish *Halobatrachus didactylus*. *Ecotoxicology and Environmental Safety*. 55 - 1, pp. 116 - 125. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037404153&partnerID=40&md5=aafe1b214a1f69d24de6ddd7c19c1225>>.  
**Type of production:** Scientific paper **Format:** Journal
- 143** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Marine benthic microalgae *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann (Bacillariophyceae) as a tool for measuring toxicity of linear alkylbenzene sulfonate in sediments. *Bulletin of Environmental Contamination and Toxicology*. 70 - 2, pp. 242 - 247. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037292555&partnerID=40&md5=31be8165a20c25068b8aaf37b807e4fb>>.  
**Type of production:** Scientific paper **Format:** Journal
- 144** Moreno-Garrido, I; Lubián, L.M.; Julian Blasco. Marine sediment toxicity testing using benthic microalgae. *SETAC Globe*. 4 - 5, pp. 43 - 44. 2003.  
**Type of production:** Scientific paper
- 145** M. Arjonilla; J. Blasco. Nutrient analysis in estuarine water. Effect of salinity [Análisis de nutrientes en aguas estuarinas. Efecto de la salinidad]. *Ciencias Marinas*. 29 - 4, pp. 389 - 395. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0242569335&partnerID=40&md5=6bda211665bd34c571e08cdcd415ca95>>.  
**Type of production:** Scientific paper **Format:** Journal
- 146** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Sediment toxicity tests using benthic marine microalgae *Cylindrotheca closterium* (Ehremberg) Lewin and Reimann (Bacillariophyceae). *Ecotoxicology and Environmental Safety*. 54 - 3, pp. 290 - 295. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0037341364&partnerID=40&md5=3e8b95ff289ffd2903aed6fca86c1a4a>>.  
**Type of production:** Scientific paper **Format:** Journal



- 147** V. Saenz; J. Blasco; A. Gomez-Parra. Speciation of heavy metals in recent sediments of three coastal ecosystems in the gulf of Cádiz, Southwest Iberian Peninsula. *Environmental Toxicology and Chemistry*. 22 - 12, pp. 2833 - 2839. 2003. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0344874608&partnerID=40&md5=3893f6b24fb04a63b48b72170b21578c>>.  
**Type of production:** Scientific paper **Format:** Journal
- 148** M.T. Mazorra; J.A. Rubio; J. Blasco. Acid and alkaline phosphatase activities in the clam *Scrobicularia plana*: Kinetic characteristics and effects of heavy metals. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 131 - 2, pp. 241 - 249. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036161730&partnerID=40&md5=94ffc1fe00f71dfd50c2078efd2c0fb9>>.  
**Type of production:** Scientific paper **Format:** Journal
- 149** M. Hampel; I. Moreno-Garrido; J. Blasco. Can early life-stages of the marine fish *Sparus aurata* be useful for the evaluation of the toxicity of linear alkylbenzene sulphonates homologues (LAS C10-C14) and commercial LAS?. *TheScientificWorldJournal* [electronic resource]. 2, pp. 1689 - 1698. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-2142653474&partnerID=40&md5=d905d56a11b75d7e0887c4ba6d0f8798>>.  
**Type of production:** Scientific paper **Format:** Journal
- 150** J. Blasco; A.M. Arias; V. Saenz. Heavy metal concentrations in *Squilla mantis* (L.) (crustacea, stomatopoda) from the Gulf of Cádiz evaluation of the impact of the Aznalcollar mining spill. *Environment International*. 28 - 1-2, pp. 111 - 116. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036014139&partnerID=40&md5=5f0dcc133c8a117462ef27b474c6b80d>>.  
**Type of production:** Scientific paper **Format:** Journal
- 151** M. Hampel; J. Blasco. Toxicity of linear alkylbenzene sulfonate and one long-chain degradation intermediate, sulfophenyl carboxylic acid on early life-stages of seabream (*Sparus aurata*). *Ecotoxicology and Environmental Safety*. 51 - 1, pp. 53 - 59. 2002. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0036154224&partnerID=40&md5=4a498d2e984d9e379ca3619922c57226>>.  
**Type of production:** Scientific paper **Format:** Journal
- 152** M. Hampel; I. Moreno-Garrido; C. Sobrino; L.M. Lubian; J. Blasco. Acute toxicity of LAS homologues in marine microalgae: Esterase activity and inhibition growth as endpoints of toxicity. *Ecotoxicology and Environmental Safety*. 48 - 3, pp. 287 - 292. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0035090869&partnerID=40&md5=19d88bf5c2db928edf0b7e9dda3c3bfd>>.  
**Type of production:** Scientific paper **Format:** Journal
- 153** I. Moreno-Garrido; M. Hampel; L.M. Lubian; J. Blasco. Marine microalgae toxicity test for linear alkylbenzene sulfonate (LAS) and alkylphenol ethoxylate (APEO). *Analytical and Bioanalytical Chemistry*. 371 - 4, pp. 474 - 478. 2001. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0034771766&partnerID=40&md5=60c08d67653971564237c89d90a12323>>.  
**Type of production:** Scientific paper **Format:** Journal
- 154** Arellano J.M.; J. Blasco; J.B. Ortíz; D. Capeta-Da Silva; A. Navarro; M J. Sánchez del Pino; C. Sarasquete. Copper contamination and detoxification in *Halobatrachus didactylus* and *Solea senegalensis*. *Quantification and stress oxidative enzymes*. *Ecotoxicol. Env. Rest.* 3 - 1, pp. 22 - 28. 2000.  
**Type of production:** Scientific paper
- 155** J. Blasco; V. Saenz; A. Gomez-Parra. Heavy metal fluxes at the sediment-water interface of three coastal ecosystems from south-west of the Iberian Peninsula. *Science of the Total Environment*. 247 - 2-3, pp. 189 - 199. 2000. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0342615085&partnerID=40&md5=1f92f9c379834b194bcc0cb1619e2866>>.  
**Type of production:** Scientific paper **Format:** Journal



- 156** M.P. Cajaraville; M.J. Bebianno; J. Blasco; C. Porte; C. Sarasquete; A. Viarengo. The use of biomarkers to assess the impact of pollution in coastal environments of the Iberian Peninsula: A practical approach. *Science of the Total Environment*. 247 - 2-3, pp. 295 - 311. 2000. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0034689675&partnerID=40&md5=4b64e61a68f0641f27e12417d0dc78ee>>.  
**Type of production:** Scientific paper **Format:** Journal
- 157** J. Blasco; J. Puppo. Effect of heavy metals (Cu, Cd and Pb) on aspartate and alanine aminotransferase in *Ruditapes philippinarum* (Mollusca: Bivalvia). *Comparative Biochemistry and Physiology - C Pharmacology Toxicology and Endocrinology*. 122 - 2, pp. 253 - 263. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0032947833&partnerID=40&md5=6a5afd19bfd55e3be0b44f50e772dbe6>>.  
**Type of production:** Scientific paper **Format:** Journal
- 158** J. Blasco; A.M. Arias; V. Saenz. Heavy metals in organisms of the River Guadalquivir estuary: Possible incidence of the Aznalcollar disaster. *Science of the Total Environment*. 242 - 1-3, pp. 249 - 259. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033462134&partnerID=40&md5=014359be0df4e04f7697f7621f77fe87>>.  
**Type of production:** Scientific paper **Format:** Journal
- 159** J.M. Arellano; J.B. Ortiz; D. Capeta Da Silva; M.L. Gonzalez De Canales; C. Sarasquete; J. Blasco. Levels of copper, zinc, manganese and iron in two fish species from salt marshes of Cadiz Bay (southwest Iberian Peninsula). *Boletín - Instituto Español de Oceanografía*. 15 - 1-4, pp. 485 - 488. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033304174&partnerID=40&md5=05d20e1a865e3a4f981dab0e555e071f>>.  
**Type of production:** Scientific paper **Format:** Journal
- 160** Blasco, J.; E. González-Mazo; C. Sarasquete. Linear alkylbenzene sulphonate (LAS) and bioaccumulation of heavy metals (Cu and Pb) in *Ruditapes philippinarum*. *Toxicology Environmental Chemistry*. 71, pp. 447 - 456. 1999.  
**Type of production:** Scientific paper
- 161** J. Blasco; E. Gonzalez-Mazo; C. Sarasquete. Linear alkylbenzene sulphonates (LAS) and bioaccumulation of heavy metals (Cu and Pb) in *Ruditapes philippinarum*. *Toxicological and Environmental Chemistry*. 71 - 3-4, pp. 447 - 456. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033451575&partnerID=40&md5=e9cb944ebc559dafb9145991ede28ada>>.  
**Type of production:** Scientific paper **Format:** Journal
- 162** Blasco J; Sáenz V; Hampel M; Puppo J. Metal contamination and pollution in estuaries and coastal areas). *BFU Research Bull.* 3, pp. 108 - 109. 1999.  
**Type of production:** Scientific paper
- 163** A. Viarengo; B. Burlando; M. Cavaletto; B. Marchi; E. Ponzano; J. Blasco. Role of metallothionein against oxidative stress in the mussel *Mytilus galloprovincialis*. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*. 277 - 6 46-6, pp. R1612 - R1619. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033398702&partnerID=40&md5=236a1b64bd59a42cf18c90cf5b3ca734>>.  
**Type of production:** Scientific paper **Format:** Journal
- 164** T.A. DelValls; V. Saenz; A.M. Arias; J. Blasco. Thallium in the marine environment: First ecotoxicological assessments in the Guadalquivir estuary and its potential adverse effect on the Donana European natural reserve after the Aznalcollar mining spill (SW Spain). *Ciencias Marinas*. 25 - 2, pp. 161 - 175. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0033150641&partnerID=40&md5=ff7a84220506e65f6fecc1a902edec59>>.  
**Type of production:** Scientific paper **Format:** Journal



- 165** M.A. Suñer; V. Devesa; O. Muñoz; F. Lopez; R. Montoro; A.M. Arias; J. Blasco. Total and inorganic arsenic in the fauna of the Guadalquivir estuary: Environmental and human health implications. *Science of the Total Environment*. 242 - 1-3, pp. 261 - 270. 1999. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0343048356&partnerID=40&md5=6368a097b5ae98fa22bff7c94ed5ecb8>>.  
**Type of production:** Scientific paper **Format:** Journal
- 166** Blasco J.; M. J. Bebianno. Biomarkers. *Cuad. Inv. Biol.*20, pp. 541 - 541. 1998.  
**Type of production:** Scientific paper
- 167** Arellano J.M.; J. Blasco; D. Capeta-Da Silva; J. B. Ortíz; A. Navarro; M. J. Sánchez-del Pino; C. Sarasquete. Copper contamination and detoxification in *Halobatrachus didactylus*.- Quantification and oxidative stress. *Cuad. Inv. Biol.*20, pp. 481 - 484. 1998.  
**Type of production:** Scientific paper
- 168** T.Á. DelValls; J.M. Forja; E. Gonzalez-Mazo; A. Gomez-Parra; J. Blasco. Determining contamination sources in marine sediments using multivariate analysis. *TrAC - Trends in Analytical Chemistry*. 17 - 4, pp. 181 - 192. 1998. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0031958880&partnerID=40&md5=b7e39fa868b105a1f7954ce773c6a3bc>>.  
**Type of production:** Scientific paper **Format:** Journal
- 169** Moreno, I.; J. Blasco; M. González del Valle; L. M. Lubián. Differences in copper accumulation by the marine microalgae *Nannocloropsis gaditana*, Lubián, submitted to two different treatments. *Ecotoxicol. and Environ. Restoration*. 1 - 1, pp. 43 - 47. 1998.  
**Type of production:** Scientific paper
- 170** Mazorra, M. T.; J. A. Rubio; C. Sarasquete; J. Blasco. Efecto in vitro de metales pesados sobre las actividades fosfatásicas del molusco bivalvo *Scrobicularia plana*. *La Química en el entorno marino: Nuevos aspectos metodológicos y aplicaciones*. VIII Seminario Química Marina. pp. 41 - 46. 1998.  
**Type of production:** Scientific paper
- 171** Blasco, J.; E. González-Mazo; C. Sarasquete. Effect of linear alkylbenzene sulphonate (LAS) and heavy metals (Cu and Pb) in gills and digestive gland of *Scrobicularia plana*. *Cuad. Inv. Biol.*20, pp. 247 - 250. 1998.  
**Type of production:** Scientific paper
- 172** T.A. DelValls; J. Blasco; M.C. Sarasquete; J.M. Forja; A. Gomez-Parra. Evaluation of heavy metal sediment toxicity in littoral ecosystems using juveniles of the fish *Sparus aurata*. *Ecotoxicology and Environmental Safety*. 41 - 2, pp. 157 - 167. 1998. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0032188970&partnerID=40&md5=12ebb01e621bb96feaa7fa383f786d0b>>.  
**Type of production:** Scientific paper **Format:** Journal
- 173** Blasco, J.; V. Saenz; A. Gómez-Parra. Flujos de metales a través de la interfase agua-sedimento en dos ecosistemas litorales del S.O. de la Península Ibérica. *Cuad. Inv. Biol.*20, pp. 177 - 180. 1998.  
**Type of production:** Scientific paper
- 174** Blasco, J.; J. A. Rubio; J. Forja; A. Gómez-Parra. Heavy metals in some fishes of the Mugilidae family from salt-ponds of Cadiz Bay, SW. Spain. *Ecotoxicol. and Environ. Restoration*. 1 - 2, pp. 71 - 78. 1998.  
**Type of production:** Scientific paper
- 175** C. Sarasquete; M.L. Gonzalez De Canales; J. Blasco; D. Capeta Da Silva; J.M. Arellano; M. Gutierrez. Histochemical distribution and accumulation of trace metals in the heart of green and normal *Crassostrea angulata* specimens from different southwest Spanish coast. *European Journal of Histochemistry*. 41 - 2, pp. 139 - 148. 1997. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-8544270906&partnerID=40&md5=704e434115a8088f7579ede41c73ff6b>>.



**Type of production:** Scientific paper

**Format:** Journal

- 176** Blasco, J.; C. Sarasquete; E. González-Mazo; A. Gómez-Parra. Influencia del alquilbenceno sulfonato lineal, sobre algunas actividades enzimáticas en la almeja *Ruditapes philippinarum*. Sem. Quim. Mar.6, pp. 1 - 11. Servicio Publicaciones UCA, 1997.

**Type of production:** Scientific paper

- 177** J. Puppo; J. Blasco. Partial characterization of alanine aminotransferase from gills and digestive gland of the bivalve *Ruditapes philippinarum*. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 111 - 1, pp. 99 - 109. 1995. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0028966821&partnerID=40&md5=2dd1db32128fe218262fb337255856d3>>.

**Type of production:** Scientific paper

**Format:** Journal

- 178** DelValls, T.A.; J. M. Forja; J. Blasco; T. Ortega-Díaz; A. Gómez-Parra. Evaluation of pollution-induced degradation in Cadiz Bay, using sediment-quality triad approach. *Gaia*. 9, pp. 127 - 130. 1994.

**Type of production:** Scientific paper

- 179** Blasco, J.; T. A. DelValls; J. A. Rubio; M. Arjonilla; A. Gómez-Parra. Heavy metals in organisms and sediments from Cadiz Bay. *Gaia*. 9, pp. 131 - 136. 1994.

**Type of production:** Scientific paper

- 180** Gómez-Parra, A.; E. González-Mazo; J. Blasco. Impacto ambiental de vertidos urbanos en una marisma litoral del golfo de Cádiz. *Gaia*. 9, pp. 123 - 126. 1994.

**Type of production:** Scientific paper

- 181** J.M. Forja; J. Blasco; A. Gomez Parra. Spatial and seasonal variation of in situ benthic fluxes in the Bay of Cadiz (South West Spain). *Estuarine, Coastal and Shelf Science*. 39 - 2, pp. 127 - 142. 1994. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0028163511&partnerID=40&md5=873808282169348c95e44a90129de6c7>>.

**Type of production:** Scientific paper

**Format:** Journal

- 182** J. Blasco; J. Puppo; M.C. Sarasquete. Acid and alkaline phosphatase activities in the clam *Ruditapes philippinarum*. *Marine Biology*. 115 - 1, pp. 113 - 118. 1993. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-34047161612&partnerID=40&md5=92ff13022a60df6ef9240a9a15196c2d>>.

**Type of production:** Scientific paper

**Format:** Journal

- 183** Blasco, J.; J. Puppo; M. L. González de Canales; C. Sarasquete. Acumulación y efectos histopatológicos del Cu en *Liza aurata* y *Sparus aurata*. *Series Quím. Oceanogr.*, II - 2/3, pp. 159 - 174. 1993.

**Type of production:** Scientific paper

- 184** Puppo J.; J. Blasco. Influencia del Cd sobre la actividad aspartato aminotransferasa (AST) en dos moluscos bivalvos *Ruditapes decussatus* y *Ruditapes philippinarum*. *Series Quím. Oceanogr.*, II - 2/3, pp. 152 - 158. 1993.

**Type of production:** Scientific paper

- 185** J. Puppo; J.M. Forja; J. Blasco. Biochemical characteristics of aspartate aminotransferase from gills and digestive gland of the Manila clam (*Ruditapes philippinarum*). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 103 - 1, pp. 209 - 216. 1992. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-0026649206&partnerID=40&md5=dd1e1144a2d727e8303422b2f24bebd>>.

**Type of production:** Scientific paper

**Format:** Journal

- 186** Blasco J.; A. Gómez-Parra; J. M. Forja; R. Establier. Sulphate-reduction and sulpho-oxydation at Cádiz bay (SW., Spain). *Rev.Int. Oceanogr. Méd.*, 105/106, pp. 4 - 18. 1992.

**Type of production:** Scientific paper



- 187** Blasco, J. Efectos bioquímicos de la contaminación por metales pesados. V Seminario Química. pp. 13 - 44. Serv. Public. UCA, 1991.  
**Type of production:** Scientific paper
- 188** Establier R.; J. Blasco; L. M. Lubián; A. Gómez-Parra. Fitoplancton e hidrografía de la bahía de Cádiz de abril de 1986 a diciembre de 1988. *Scient. Mar.* 54 - 2, pp. 203 - 209. 1990.  
**Type of production:** Scientific paper
- 189** Forja J. M.; A. Gómez-Parra; J. Blasco. Ritmos circadianos y perfiles verticales en un ecosistema litoral somero. *Scient. Mar.*, 54 - 1, pp. 9 - 18. 1990.  
**Type of production:** Scientific paper
- 190** Blasco, J.; R. Establier; C. Sarasquete. Distribución de las actividades enzimáticas digestivas (alfa-amilasa y proteasas) en diversas especies de mugílidos. IV Semin. Química Marina, pp. 170 - 182. Serv. Public. UCA, 1988.  
**Type of production:** Scientific paper
- 191** Gutiérrez, M.; C. Sarasquete; J. Blasco; M. L. González de Canales. Histoquímica de enzimas en el hígado de la anguilla, *Anguilla anguilla* (Osteichthyes, Anguillidae) de las salinas de Cádiz. *Bol. Fisiol. Anim. S. Paulo.* 12, pp. 13 - 19. 1988.  
**Type of production:** Scientific paper
- 192** Blasco, J.; A. Gómez-Parra; M.D. Frutos; R. Establier. Evolución espacial y temporal de la concentración de materia orgánica en los sedimentos de los esteros de la bahía de Cádiz. *Inv. Pesq.* 51 - 4, pp. 599 - 617. 1987.  
**Type of production:** Scientific paper
- 193** Establier, R.; J. Blasco; L. M. Lubián. Fitoplancton e hidrografía de la bahía de Cádiz de enero de 1984 a diciembre de 1985. *Inv. Pesq.*, 51 - 4, pp. 501 - 515. 1987.  
**Type of production:** Scientific paper
- 194** Gutiérrez, M.; R. Establier; J. Blasco; C. Sarasquete. Phosphatases in the kidney of the aglomerular fish, *Halobatrachus didactylus* (Schneider, 1801). *Rev. Int. Oceanogr. Med.*, 87/88, pp. 161 - 169. 1987.  
**Type of production:** Scientific paper
- 195** Blasco J.; R. Establier; V. Flores; A. Gómez-Parra. Amonificación en aguas y sedimentos marinos de la bahía de Cádiz (S.O. de España). *Inv. Pesq.* 50 - 2, pp. 297 - 307. 1986.  
**Type of production:** Scientific paper
- 196** González de Canales M. L.; C. Sarasquete; J. Blasco; M. Gutiérrez. Caracteres fisicoquímicos de la fosfatasa alcalina del granulocito neutrófilo del *Halobatrachus didactylus* (Schneider, 1801) (Teleostei: Haloabtrachidae). *Inv. Pesq.*, 50 - 2, pp. 227 - 236. 1986.  
**Type of production:** Scientific paper
- 197** Establier R.; M. Gutierrez; M. C. Sarasquete; J. Blasco; E. Bravo. Changes in the phosphatase activity in various organs of the toadfish *Halobatrachus didactylus* (Schneider, 1801) (Teleostei: Halobatrachidae) during sexual maturation. *Inv. Pesq.* 50 - 2, pp. 271 - 278. 1986.  
**Type of production:** Scientific paper
- 198** Establier R.; L. M. Lubián; J. Blasco. Fitoplancton e hidrografía de la bahía de Cádiz de marzo de 1980 a diciembre de 1983. *Inv. Pesq.* 50 - 1, pp. 69 - 81. 1986.  
**Type of production:** Scientific paper







- 211** Ignacio Moreno Garrido; Cristiano V. M. Araujo; Julian Blasco. Microphytobenthos. Marine Phytoplankton. pp. 1 - 44. Nova Science Publisher Inc., 2009.  
**Type of production:** Book chapter
- 212** J. Blasco, T.A. DelValls. Impact of the Emergent Contaminants in the Environment: Environmental Risk Assessment. Handbook of Environmental Chemistry. 5, pp. 169 - 188. 2008.  
**Type of production:** Book chapter
- 213** T.A. DelValls; P.M. Chapman; P. Drake; M. Dulce Subida; C. Vale; D. Fernandez de la Reguera; J. Blasco. Benthos Sediment Quality Assessments. Sustainable management of sediment resources: Sediment quality and impact assessment. pp. 215 - 262. Amsterdam(Holland): Elsevier, 2007.  
**Type of production:** Book chapter
- 214** P.-D. Hansen; Julian Blasco; T. A. DelValls; V. Poulsen; M. Van den Heuvel-Greve. Biological analysis (bioassays, biomarkers, biosensors). Sustainable management of sediment resources: Sediment quality and impact assessment of pollutants. pp. 131 - 162. Amsterdam(Holland): Elsevier, 2007.  
**Type of production:** Book chapter
- 215** M. D. Scrimshaw; T. A. DelValls; J. Blasco; P. M. Chapman. Sediment Quality Guidelines and Weight of Evidence Assessments. Sustainable management of sediment resources: Sediment quality and impact assessment of pollutants. pp. 295 - 310. Amsterdam(Holland): Elsevier, 2007.  
**Type of production:** Book chapter
- 216** DelValls TA, Casado-Martínez MC, Martín-Díaz ML, Riba I, Fernández N, Buceta JL., Blasco J.A Weight of evidence approach to characterize sediment quality using laboratory and field assays: an example for Spanish coasts. Water Encyclopedia: Water Quality and Resources Development. Wiley Publishing, 2005. ISSN 1537-744X  
**Type of production:** Book chapter
- 217** Moreno-Garrido I, Lubián LM, Blasco J. Marine and estuarine microalgal sediment toxicity tests. Water Encyclopedia: Oceanography, Meteorology, Physics and Chemistry, Water Law and Water History, Art and Culture. Wiley Publishing, 2005.  
**Type of production:** Book chapter
- 218** Blasco J.; Sáenz, V.; Arias, A.M; González-Pascual, R.; Campana O.; Ransome, T., Moreno-Garrido, I.; Hampel, M. Efecto del accidente minero sobre los organismos residentes en el estuario del Guadalquivir y en las zonas de la plataforma próxima a la desembocadura. Contaminación por metales pesados del estuario del Guadalquivir (2003). pp. 165 - 204. Universidad de Cadiz, 2003.  
**Type of production:** Book chapter
- 219** Blasco, J. El uso de biomarcadores en contaminación marina. Patología y Biotoxicología en Acuicultura. CSIC, 1999.  
**Type of production:** Book chapter
- 220** Segner, H.; M. L. González de Canales; J. Blasco; C. Sarasquete. El uso de líneas celulares de peces para valoración de la toxicidad de los metales pesados. Histofisiología e Histopatología de Especies Marinas de Interés en Acuicultura. Servicio Publicaciones UCA, 1998.  
**Type of production:** Book chapter
- 221** Blasco, J. Estrategia de los organismos marinos a la intoxicación por metales pesados. Situación presente y perspectivas en Acuicultura, Histofisiología, Histopatología y Biotoxicología. Serv. Pub. UCA, 1998.  
**Type of production:** Book chapter



- 222** Blasco, J. Principales contaminantes inorgánicos en el medio marino: Efectos y control. Contaminación Marina. Serv. Pub. UCA, 1998.  
**Type of production:** Book chapter
- 223** Blasco; J.; R. Establier; A. Gómez-Parra. Relación entre el contenido de carbohidratos totales y materia orgánica en sedimentos de zonas intermareales de la bahía de Cádiz (S.O. de España). Acuicultura Internareal. pp. 23 - 30. 1989.  
**Type of production:** Book chapter
- 224** Gómez-Parra, A.; J. Blasco. Regeneración de nutrientes en ecosistemas litorales. IV Semin. Química Marina. pp. 13 - 36. , Serv. Public. UCA, 1988.  
**Type of production:** Book chapter
- 225** J. Blasco; P.M. Chapman; O. Campana; M. Hampel. Marine Ecotoxicology: Current Knowledge and Future Issues. pp. 1 - 321. Elsevier-Acadmic Press, 2016. ISBN 978-0-12-803371-5  
**Type of production:** Scientific book or monograph      **Format:** Book  
**Degree of contribution:** Editor or co-editor
- 226** Julián Blasco; Antoni Ginebreda; Alicia Navarro-Ortega; Sergi Sabater. Recomendaciones de Gestión SCARCE/Policy Briefs SCARCE project. Evaluación y predicción de los efectos del cambio global sobre la calidad y cantidad del agua en los ríos de la Península Ibérica. pp. 1 - 87. (Spain): 2016. ISBN 978-84-617-5517-2  
**Legal deposit:** B 22209-2016  
**Type of production:** Scientific book or monograph      **Format:** Book  
**Degree of contribution:** Editor or co-editor
- 227** DelValls, T.A., Blasco J.(editores). Integrated assessment and management of the ecosystem affected by the Aznalcóllar mining spill (SW, Spain). Integrated assessment and management of the ecosystem affected by the Aznalcóllar mining spill (SW, Spain). pp. 1 - 385. 2005. ISBN 84-609-7200-3  
**Type of production:** Scientific book or monograph
- 228** Mitiam Hampel; Julian Blasco; Helmut Segner. Molecular and cellular effects of contamination in aquatic ecosystems. Environmental Science and Pollution Research. 22 - 22, pp. 17261 - 17452. Springer, 2015.  
**Type of production:** Scientific edition
- 229** Julian Blasco; Ilaria Corsi; Valeria Matranga. Special issue. Particles in the Oceans: Implications for a safer marine environment. Marine Environmental Research. 111, pp. 1 - 169. Elsevier, 2015.  
**Type of production:** Scientific edition      **Format:** Journal  
**Corresponding author:** Yes
- 230** Julian Blasco; Teodora Ortega; Rocío Ponce; Antonio Tovar-Sánchez. VSI-STOTEN Marine Sciences: A Multidisciplinary Approach to Global Change. Science of the Total Environment. 628-629, pp. 441 - 442. Elsevier, 2018.  
**Type of production:** Preface-Editorial  
**Corresponding author:** No
- 231** J.L. Pérez-Llorens, C. García, P. Drake, J. Blasco, A. M. Arias. Cadiz Bay Natural Park. Spanish network on coastal wetlands and lagoons.  
**Type of production:** Ficha



## Works submitted to national or international conferences

- 1** **Title of the work:** A novel perspective for ecotoxicological risk assessment based on driven-contamination spatial displacement in non-forced exposure systems  
**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid, Spain  
**Date of event:** 11/07/2018  
**End date:** 13/07/2018  
**Organising entity:** SICTA  
Cristiano V. M. Araujo; Daniel C.V. R. Silva; Julian Blasco.
- 2** **Title of the work:** Dinámica de metapoblación en camarones (*Atyaephyra desmarestii*) expuestos a escenarios heterogéneos de contaminación  
**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid, Spain  
**Date of event:** 11/07/2018  
**End date:** 13/07/2018  
**Organising entity:** SICTA  
Victoria Vera Vera; Francisco Guerrero; Julian Blasco; Cristiano V. M. Araujo.
- 3** **Title of the work:** Individual and mixture effects of Cd and Se in the peppery furrow shell *Scrobicularia plana*  
**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid, Spain  
**Date of event:** 11/07/2018  
**End date:** 13/07/2018  
**Organising entity:** SICTA  
Chiara Trombini; Miriam Hampel; Gema Rodríguez-Moro; Tamara García-Barrera; José Luis Gómez Ariza; Julian Blasco.
- 4** **Title of the work:** Influence of previous acclimation to copper on the magnitude of the spatial avoidance by zebra fish under a contamination gradient scenario  
**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid, Spain  
**Date of event:** 11/07/2018  
**End date:** 13/07/2018  
**Organising entity:** SICTA  
Joao R. S. Pontes; Julian Blasco; Cristiano V. M. Araujo.
- 5** **Title of the work:** Phylogenetic distribution of sensitivity to erythromycin across different marine phytoplankton taxa  
**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid, Spain  
**Date of event:** 11/07/2018  
**End date:** 13/07/2018

**Organising entity:** SICTA

Marta Sendra; Alejandro Damián-Serrano; Cristiano V.M. Araujo; Ignacio Moreno-Garrido; Julian Blasco.

- 6 Title of the work:** Spatial avoidance, potential of recolonization and population isolation in fish caused by copper exposure under a non-forced approach

**Name of the conference:** 11º Congreso Ibérico y 8º Iberoamericano de Contaminación y Toxicología Ambiental

**City of event:** Madrid, Spain

**Date of event:** 11/07/2018

**End date:** 13/07/2018

**Organising entity:** SICTA

Mohammed Ariful-Islam; Julian Blasco; Cristiano V. M. Araujo.

- 7 Title of the work:** Adding habitat selection responses to ecological risk assessments: the heterogeneous multi-habitat assay system (HeMHAS).

**Name of the conference:** XIX Conference of the Iberian Association of Limnology

**City of event:** Coimbra, Portugal

**Date of event:** 24/06/2018

**End date:** 29/07/2018

**Organising entity:** Iberian Association of Limnology

Cristiano V.M. Araújo; David Roque; Julián Blasco; Rui Ribeiro; Matilde Moreira-Santos; Asier Toribio; Enaitz Aguirre; Sergio Barro.

- 8 Title of the work:** Habitat fragmentation due to contamination: isolation of shrimp population in Guadalete River (Spain)

**Name of the conference:** XIX Conference of the Iberian Association of Limnology

**City of event:** Coimbra, Portugal

**Date of event:** 24/06/2018

**End date:** 29/07/2018

**Organising entity:** Iberian Association of Limnology

Cristiano V.M. Araújo; Enrique González-Ortegón; Marina G. Pintado-Herrera; Miriam Biel-Maeso; Pablo A. Lara-Martín; Julián Blasco; Antonio Tovar-Sánchez.

- 9 Title of the work:** BIOCONCENTRATION AND DEPURATION OF SELECTED PERSONAL CARE PRODUCTS IN RUDITAPES PHILIPPINARUM

**Name of the conference:** XIX Seminario Ibérico de Química Marina

**City of event:** Vigo, Spain

**Date of event:** 20/06/2018

**End date:** 22/06/2018

**Organising entity:** Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar

Marina G. Pintado-Herera; Marta Sendra; Julian Blasco; Pablo A. Lara-Martín.

- 10 Title of the work:** EXPERIMENTAL SETUP SYSTEM FOR ASSESSING SINGLE AND MIXTURES OF POLLUTANTS IN MARINE ENVIRONMENT

**Name of the conference:** XIX Seminario Ibérico de Química Marina

**City of event:** Vigo, Spain

**Date of event:** 20/06/2018

**End date:** 22/06/2018

**Organising entity:** Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar



Marta Sendra; Ignacio Moreno-Garrido; Cristiano Araujo; Chiara Trombini; Carmen Michán; Araceli Rodríguez-Romero; José Alhama; Julian Blasco.

- 11 Title of the work:** EXPRESSION ANALYSIS OF STRESS RELATED GENES IN THE CLAM *Ruditapes philippinarum* AFTER EXPOSURE TO LOW CONCENTRATIONS OF THE ARTIFICIAL SWEETENER ACESULFAME-K.  
**Name of the conference:** VI International Symposium on Marine Sciences  
**City of event:** Vigo, Spain  
**Date of event:** 20/06/2018  
**End date:** 22/06/2018  
**Organising entity:** Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar  
Melania Santonocito; Barbara Salerno; Rocío Colas-Ruiz; Chiara Trombini; Julian Blasco; Miriam Hampel.
- 12 Title of the work:** EXPRESSION ANALYSIS OF STRESS RELATED GENES IN THE CLAM *Ruditapes philippinarum* AFTER EXPOSURE TO LOW CONCENTRATIONS OF THE EMERGING CONTAMINANT 4-METHYLBENZYLIDENE CAMPHOR (4MBC)  
**Name of the conference:** VI International Symposium on Marine Sciences  
**City of event:** Vigo, Spain  
**Date of event:** 20/06/2018  
**End date:** 22/06/2018  
**Organising entity:** Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar  
Barbara Salerno; Melania Santonocito; Rocío Colas-Ruiz; Chiara Trombini; Gonzalo Martínez; Julian Blasco; Miriam Hampel.
- 13 Title of the work:** THE MARINE STRATEGY FRAMEWORK DIRECTIVE: UNATTAINABLE GOAL FOR TRACE METALS  
**Name of the conference:** XIX Seminario Ibérico de Química Marina  
**City of event:** Vigo, Spain  
**Date of event:** 20/06/2018  
**End date:** 22/06/2018  
**Organising entity:** Universidad de Vigo, Universidad Gran Canaria, Universidad e Barcelona, Universidad de Cádiz, Universidad Católica de Valencia, CSIC, IEO, Campus do Mar  
Antonio Tovar-Sánchez; Cira Buonocore; David Roque; Julian Blasco.
- 14 Title of the work:** Bioaccumulation, biochemical responses and gene expression in the marine clam *Scrobicularia plana* exposed to a pharmaceutical mixture at sub-lethal concentrations  
**Name of the conference:** SETAC Europe 28th Annual Meeting  
**City of event:** Rome, Italy  
**Date of event:** 13/05/2018  
**End date:** 17/07/2018  
**Organising entity:** SETAC Europe  
Chiara Trombini; Miriam Hampel; J. Kazakova; Ruth Fernández-Torres; Julian Blasco-Moreno; Miguel Bello-López.
- 15 Title of the work:** The importance of cell wall of marine microalgae in preventing the toxicity of nanoparticles  
**Name of the conference:** SETAC Europe 28th Annual Meeting  
**City of event:** Rome, Italy  
**Date of event:** 13/05/2018  
**End date:** 17/07/2018



**Organising entity:** SETAC Europe  
Marta Sendra; Julian Blasco-Moreno; Cristiano Araujo.

- 16** **Title of the work:** Toxicokinetics and metabolite identification of two emerging pollutants, Acesulfame-K and 4-MBC, in the manila clam *Ruditapes philippinarum*  
**Name of the conference:** SETAC Europe 28th Annual Meeting  
**City of event:** Rome, Italy  
**Date of event:** 13/05/2018  
**End date:** 17/07/2018  
**Organising entity:** SETAC Europe  
N.C. Ruiz; F. Tonini; Pablo Lara-Martin; Julian Blasco-Moreno; Miriam Hampel.
- 17** **Title of the work:** Metals in sediment of four Mediterranean river basins of the Iberian Peninsula: Occurrence and risk assessment  
**Name of the conference:** A RECONNAISSANCE OF TRACE ORGANIC COMPOUNDS AND METALS IN GLOBAQUA RIVER BASINS: Effects on ecosystems and risk assessment  
**City of event:** Barcelona, Spain  
**Date of event:** 09/11/2017  
**End date:** 10/11/2017  
**Organising entity:** IDAEA-CSIC  
Julian Blasco; Antoni Ginebreda.
- 18** **Title of the work:** When contamination acts as chemical barrier isolating populations: applying a new concept of contamination-driven habitat fragmentation in Guadalete River  
**Name of the conference:** A RECONNAISSANCE OF TRACE ORGANIC COMPOUNDS AND METALS IN GLOBAQUA RIVER BASINS: Effects on ecosystems and risk assessment  
**City of event:** Barcelona, Spain  
**Date of event:** 09/11/2017  
**End date:** 10/11/2017  
**Organising entity:** IDAEA-CSIC  
Cristiano Araujo; Enrique Gonzalez-Ortegón; Marina G. Pintado-Herrera; Miriam Biel-Maeso; Pablo A. Lara-Martín; Antonio Tovar-Sánchez; Julian Blasco.
- 19** **Title of the work:** Bioaccumulation kinetics of copper in *Ruditapes philippinarum* exposed to increasing, continuous and pulsed exposure: implications for gr  
**Name of the conference:** 12th SETAC Latinamerica  
**City of event:** Santos, Brazil  
**Date of event:** 07/09/2017  
**End date:** 10/09/2017  
**Organising entity:** SETAC Latinamerica  
Ligia Santana; Julian Blasco; Olivia Campana; Denis Abessa.
- 20** **Title of the work:** Biological tolerance and sublethal effects in *Ucides cordatus* (Linnaeus, 1763) fed by contaminated leaves  
**Name of the conference:** 12th SETAC Latinamerica  
**City of event:** Santos, Brazil  
**Date of event:** 07/09/2017  
**End date:** 10/09/2017  
**Organising entity:** SETAC Latinamerica  
L Duarte; M.D. Paço; B.D. Ferreira; M.V. Evangelist; A.L. Mendes; Camilo D. Seabra Pereira; Julian Blasco.



- 21** **Title of the work:** Metal in Coastal Ecosystems-Old Problems and New Challenges-Invited lecture  
**Name of the conference:** 12th SETAC Latinamerica  
**City of event:** Santos, Brazil  
**Date of event:** 07/09/2017  
**End date:** 10/09/2017  
**Organising entity:** SETAC Latinamerica  
Julian Blasco.
- 22** **Title of the work:** Assessing the spatial distribution of the gastropod *Olivella semistriata* by using whole-sediment avoidance and recolonization assays  
**Name of the conference:** SETAC Europe 27th Annual Meeting  
**City of event:** Bruselas, Belgium  
**Date of event:** 07/05/2017  
**End date:** 11/05/2017  
**Organising entity:** SETAC  
Dayanara Macias Mayorga; Cristiano Araujo; V. Vera-Vera; D. Salvatierra; I. Cedeño Macías; K. Benavides; Matilde Moreira dos Santos; Julian Blasco; Rui Ribeiro.
- 23** **Title of the work:** Biochemical and transcriptional responses in the freshwater crayfish *Procambarus clarkii* exposed to pharmaceutical mixture.  
**Name of the conference:** SETAC Europe 27th Annual Meeting  
**City of event:** Bruselas, Belgium  
**Date of event:** 07/05/2017  
**End date:** 11/05/2017  
**Organising entity:** SETAC  
Chiara Trombini; Miriam Hampel; Julian Blasco.
- 24** **Title of the work:** Incorporating avoidance and recolonization concepts in ecotoxicological risk assessment by using a non-forced exposure system  
**Name of the conference:** SETAC Europe 27th Annual Meeting  
**City of event:** Bruselas, Belgium  
**Date of event:** 07/05/2017  
**End date:** 11/05/2017  
**Organising entity:** SETAC  
Cristiano Araujo; Matilde Moreira dos Santos; Julian Blasco; Rui Ribeiro.
- 25** **Title of the work:** LABORATORY ASSAYS WITH NON-FORCED EXPOSURE TO PREDICT THE PREFERENTIAL SPATIAL DISTRIBUTION OF FISH IN TWO ECUADORIAN RIVERS  
**Name of the conference:** SETAC Europe 27th Annual Meeting  
**City of event:** Bruselas, Belgium  
**Date of event:** 07/05/2017  
**End date:** 11/05/2017  
**Organising entity:** SETAC  
Cristiano Araujo; V. Vera-Vera; D. Salvatierra; B.N. Ariza; D. Griffith; S. Erazo; R. Jaramillo; L.A. Ramos; Julian Blasco; Matilde Moreira dos Santos; Rui Ribeiro.
- 26** **Title of the work:** TiO<sub>2</sub> NPs as "Trojan horse" in the bioaccumulation of personal care compounds in the clam *Ruditapes philippinarum*.  
**Name of the conference:** SETAC Europe 27th Annual Meeting  
**City of event:** Bruselas, Belgium  
**Date of event:** 07/05/2017  
**End date:** 11/05/2017

**Organising entity:** SETAC

Marta Sendra; Marina Pintado Herrera; GV Aguirre Martínez; Pablo A Lara Martín; Laura Martín Díaz; Julian Blasco.

- 27** **Title of the work:** Effects of TiO<sub>2</sub> nanoparticles and sunscreens to species succession in a marine phytoplankton community under different radiation condition  
**Name of the conference:** Final Conference COST ACTION Engineered Nanomaterials from Wastewater Treatment & Stormwater to Rivers  
**City of event:** Aveiro, Portugal  
**Date of event:** 07/02/2017  
**End date:** 08/02/2017  
**Organising entity:** Universidad Aveiro **Type of entity:** University  
Marta Sendra; David Sanchez Quiles; Julian Blasco; Ignacio Moreno Garrido; Luis M. Lubián; Sara Pérez; Antonio Tovar.
- 28** **Title of the work:** Toxicity of Silver Nanoparticles to phytoplankton in different aquatic environments  
**Name of the conference:** Final Conference COST ACTION Engineered Nanomaterials from Wastewater Treatment & Stormwater to Rivers  
**City of event:** Aveiro, Portugal  
**Date of event:** 07/02/2017  
**End date:** 08/02/2017  
**Organising entity:** Universidad Aveiro **Type of entity:** University  
Marta Sendra; Ignacio Moreno Garrido; M. Pilar Yeste; Jose Manuel Gatica; Julian Blasco.
- 29** **Title of the work:** Policy briefs as an interfacing tool between science and river basin management  
**Name of the conference:** NET-SCARCE International Conference. Rivers under water scarcity: Threats and Challenges  
**Type of event:** Conference  
**City of event:** Barcelona,  
**Date of event:** 15/11/2016  
**End date:** 16/11/2016  
**Organising entity:** INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency  
Antoni Ginebreda; Julian Blasco.
- 30** **Title of the work:** A novel exposure system in ecotoxicity assays to assess biological effects on habitat selection: The non-forced exposure system  
**Name of the conference:** NET-SCARCE International Conference. Rivers under water scarcity: Threats and Challenges  
**City of event:** Barcelona,  
**Date of event:** 15/11/2016  
**End date:** 16/11/2016  
**Organising entity:** INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency  
**City organizing entity:** Barcelona,  
Cristiano Araujo; Julián Blasco.
- 31** **Title of the work:** I-TRAQ proteomic approach to understand low concentration citrate capped gold nanoparticle stress in the marine bivalve *Ruditapes philippinarum*  
**Name of the conference:** 6th Congress of the Spanish Proteomics Society  
**City of event:** Cádiz,  
**Date of event:** 15/11/2016





**End date:** 18/11/2016

**Organising entity:** Spanish Proteomics Society

Amparo Torreblanca; Moritz Volland; R. Gaviria; Julian Blasco; Miriam Hampel.

- 32** **Title of the work:** Pharmaceuticals: mixture toxicity, environmental forcing and chirality: Gaps and challenges  
**Name of the conference:** XIV Congresso Brasileiro de Ecotoxicologia  
**Type of event:** Conference  
**City of event:** Curitiba, Brazil  
**Date of event:** 07/10/2016  
**End date:** 10/10/2016  
**Organising entity:** Sociedade Brasileira de Ecotoxicologia, em conjunto com a Universidade Federal do Paraná (UFPR), Pontifícia Universidade Católica do Paraná (PUC PR) e a Universidade Positivo (UP). Julián Blasco.
- 33** **Title of the work:** Biomarker responses in the clam *Ruditapes philippinarum* to lead exposure  
**Name of the conference:** CIESM 2016  
**City of event:** Kiel,  
**Date of event:** 12/09/2016  
**End date:** 16/09/2016  
**Organising entity:** CIESM  
Fatma Aouini; Chiara Trombini; Mohamed El Cafsi; Julián Blasco.
- 34** **Title of the work:** Cytotoxicity of copper oxide nanoparticles on haemocytes of the marine bivalve *Ruditapes philippinarum*. An in vitro approach  
**Name of the conference:** 30th ESCPB  
**City of event:** Barcelona, Spain  
**Date of event:** 04/09/2016  
**End date:** 07/09/2016  
**Organising entity:** ESCPB/CSIC **Type of entity:** Public Research Body  
Moritz Volland; Miriam Hampel; Alberto Katsumiti; Pilar Yeste; José Manuel Gatica; Miren Cajaraville; Julián Blasco. "30th ESCPB Congress Unraveling complexity: from molecules to ecosystems. Book of abstracts".
- 35** **Title of the work:** Toxicity of TiO<sub>2</sub> nanoparticles and bulk in freshwater and marine microalgae, under visible light and UV-A radiation  
**Name of the conference:** 30th ESCPB  
**City of event:** Barcelona, Spain  
**Date of event:** 04/09/2016  
**End date:** 07/09/2016  
**Organising entity:** ESCPB/CSIC **Type of entity:** Public Research Body  
"30th ESCPB Congress. Unraveling complexity: from molecules to ecosystems. Book of Abstract".
- 36** **Title of the work:** Behaviour of CeO<sub>2</sub> nanoparticles and bulk and their toxicity in freshwater and seawater microalgae  
**Name of the conference:** XVIII Seminario Ibérico de Química Marina  
**City of event:** Alicante, Spain  
**Date of event:** 19/07/2016  
**End date:** 22/07/2016  
**Organising entity:** Universidad de Alicante **Type of entity:** University  
Pilar Este; Marta Sendra; Ignacio Moreno Garrido; José Manuel Gatica; Julián Blasco. "XVIII Seminario Ibérico de Química Marina".



- 37** **Title of the work:** Oxidative stress and neurotoxicity in *Scrobicularia plana* exposed to pharmaceutical mixture  
**Name of the conference:** XVIII Seminario Ibérico Química Marina  
**City of event:** Alicante, Spain  
**Date of event:** 19/07/2016  
**End date:** 22/07/2016  
**Organising entity:** Universidad de Alicante **Type of entity:** University  
Chiara Trombini; Miriam Hampel; Julián Blasco. "Libro Resúmenes XVIII Seminario Ibérico Química Marina".
- 38** **Title of the work:** Statistical modeling of proteome expression data in Manila clam, *Ruditapes philipinarum*, exposed to citrate capped gold nanoparticles (AuNP), as a model contaminant of environmental nanoparticle contamination  
**Name of the conference:** The VAlencia BAYesian Research VABAR group. ScoVa16 Workshop  
**City of event:** Valencia, Spain  
**Date of event:** 2016  
RG Gavidia; M. Volland; J. Blasco; A. Torreblanca; M. Hampel.
- 39** **Title of the work:** A membranar subproteome approach to understand the relationship between the polychaete *Branchipolynoe seepensis* and the mussel *Bathymodiolus azoricus* from Lucky Strike hydrothermal vent field  
**Name of the conference:** 14th DSBS Deep Sea Biology Symposium  
**City of event:** Aveiro, Portugal  
**Date of event:** 31/08/2015  
**End date:** 04/09/2015  
**Organising entity:** Universidad de Aveiro  
C. Cardoso; T. Gomes; H. Osorio; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 40** **Title of the work:** Antioxidant defense mechanisms against metal stressors in the commensal polychaete *Branchipolynoe seepensis* and the host mussel *Bathymodiolus azoricus* from the Mid-Atlantic Ridge (MAR)  
**Name of the conference:** 14th DSBS Deep Sea Biology Symposium  
**City of event:** Aveiro, Portugal  
**Date of event:** 31/08/2015  
**End date:** 04/09/2015  
**Organising entity:** Universidad de Aveiro  
C. Cardoso; T. Gomes; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 41** **Title of the work:** Antioxidant responses and bioaccumulation in clam *Scrobicularia plana* exposed to arsenate  
**Name of the conference:** CICTA 2015  
**City of event:** Vila Real, Norte, Portugal  
**Date of event:** 14/07/2015  
**End date:** 17/07/2015  
**Organising entity:** University of Trás-os-Montes and **Type of entity:** University  
-alto Douro/SICTA  
C. Trombini; M. Hampel; G. Rodríguez-Moro; T. García-Barrera; J. Gómez-Ariza; J. Blasco.
- 42** **Title of the work:** Biological responses on *C. maenas* caused by sediment properties and pH interactions during CO<sub>2</sub> leakage events from sub-seabed injection and storage  
**Name of the conference:** CICTA 2015



**City of event:** Vila Real, Norte, Portugal

**Date of event:** 14/07/2015

**End date:** 17/07/2015

**Organising entity:** University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA

A. Rodríguez-Romero; N. Jimenez-Tenorio; I. Riba-López; J. Blasco.

**43 Title of the work:** Effect of adsorbed TiO<sub>2</sub> nano-particles on aquatic organisms

**Name of the conference:** CICTA 2015

**City of event:** Vila Real, Norte, Portugal

**Date of event:** 14/07/2015

**End date:** 17/07/2015

**Organising entity:** University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA

M. Sendra-Vega; I. Moreno-Garrido; L.M. Lubian; A. Tovar-Sánchez; J. Blasco.

**44 Title of the work:** Enantiospecific chronic effects of ibuprofen in the freshwater crustacean, *A. desmarestii*.

**Name of the conference:** CICTA 2015

**City of event:** Vila Real, Norte, Portugal

**Date of event:** 14/07/2015

**End date:** 17/07/2015

**Organising entity:** University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA

E. Nieto; M. Hampel; J. Aceña; E. González-Oregón; S. Pérez; P. Drake; J. Blasco.

**45 Title of the work:** Itraq-based proteomics analysis of citrate gold nanoparticle exposure effects in the marine clam *Ruditapes philippinarum*

**Name of the conference:** CICTA 2015

**City of event:** Vila Real, Norte, Portugal

**Date of event:** 14/07/2015

**End date:** 17/07/2015

**Organising entity:** University of Trás-os-Montes and **Type of entity:** University -alto Douro/SICTA

M. Volland; A. Torreblanca; J. Blasco; M. Hampel.

**46 Title of the work:** Changes in Branchiopolynoe seepensis membranar subproteome from lucky strike hydrothermal vent field

**Name of the conference:** 18th International Symposium on Pollutant Responses in Marine Organisms

**City of event:** Trondheim, Norway

**Date of event:** 24/05/2015

**End date:** 27/05/2015

**Organising entity:** The Norwegian University of Science and Technology NTNU

C. Cardoso; T. Gomes; H. Osorio; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.

**47 Title of the work:** Host-symbiont interaction between the polychaete Branchiopolynoe seepensis and the vent mussel Bathymodiolus azoricus in response to metal accumulation in the mid-Atlantic-ridge (mar)

**Name of the conference:** 18th International Symposium on Pollutant Responses in Marine Organisms

**City of event:** Trondheim, Norway

**Date of event:** 24/05/2015

**End date:** 27/05/2015

**Organising entity:** The Norwegian University of Science and Technology NTNU

C. Cardoso; T. Gomes; J. Blasco; A. Colaço; RS Santos; MJ Bebianno.



- 48** **Title of the work:** Behaviour of TiO<sub>2</sub> nanoparticles and bulk and their toxicity in freshwater and seawater microalgae  
**Name of the conference:** 25th SETAC Europe  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 03/05/2015  
**End date:** 07/05/2015  
**Organising entity:** SETAC-Europe  
Marta Sendr; Ignacio Moreno-Garrido; Julian Blasco.
- 49** **Title of the work:** Effects of pharmaceuticals on larvae and juveniles of Palaemons variants under daily variation of temperature  
**Name of the conference:** 25th SETAC-Europe  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 03/05/2015  
**End date:** 07/05/2015  
**Organising entity:** SETAC-Europe  
Enrique González Ortégón; Julian Blasco; L. LeVay; Luis Giménez.
- 50** **Title of the work:** Impact of metal stressors between the polychaete "Branchipolynoe seepensis" and the host mussel "Bathymodiolus azoricus" from Mid-Atlantic-Ridge hydrothermal vents  
**Name of the conference:** 25th SETAC Europe  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 03/05/2015  
**End date:** 07/05/2015  
**Organising entity:** SETAC-Europe  
C. Cardoso; T. Gomes; Julian Blasco; A. Colaço; RS Santos; MJ Bebianno.
- 51** **Title of the work:** Methodology approach using effect-based monitoring tools to link surface water quality, ecotoxicity and pollutants availability  
**Name of the conference:** 25th SETAC-Europe  
**Type of participation:** Participatory - oral communication  
**City of event:** Barcelona, Spain  
**Date of event:** 03/05/2015  
**End date:** 07/05/2015  
**Organising entity:** SETAC  
Neus Roig; Jordi Sierra; Ignacio Moreno Garrido; Elena Nieto; Miriam Hampel; M Nadal; Julian Blasco; Marta Schuhmacher.
- 52** **Title of the work:** Behavior and toxicity of nanoparticles: from freshwater to saltwater  
**Name of the conference:** ImagineNano 2015  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote **Reasons for participation:** Upon invitation talk  
**Corresponding author:** Yes  
**City of event:** Bilbao, Spain  
**Date of event:** 10/03/2015  
**End date:** 13/03/2015



**Organising entity:** FUNDACION PHANTOMS  
Julian Blasco.

- 53 Title of the work:** Statistical modeling of proteome expression data in Manila clam, *Ruditapes philipinarum*, exposed to citrate capped gold nanoparticles (AuNP), as a model contaminant of environmental nanoparticle contamination.  
**Name of the conference:** Statistical Models for Omics Data Integration and Analysis  
**City of event:** Valencia,  
**Date of event:** 2015  
RG Gaviria; M. Volland; J. Blasco; A. Torreblanca; M. Hampel.
- 54 Title of the work:** Laboratory simulation of CO2 leakages during injection and storage in sub-seabed geological formations: metal accumulation and toxicity in the model benthic organisms *Hediste*  
**Name of the conference:** 6th Bilateral Seminar Italy-Japan  
**City of event:** Palermo, Italy  
**Date of event:** 19/11/2014  
**End date:** 20/11/2014  
**Organising entity:** Consiglio Nazionale Ricercar-University of Siena  
Araceli Rodríguez Romero; Natalia Jimenez Tenorio; Inmaculada Riba; Julian Blasco.
- 55 Title of the work:** Uptake, elimination and oxidative stress response to 0.75 ug/L citrate gold nanoparticle exposure in the marine clam *Ruditapes philippinarum*  
**Name of the conference:** 2nd Marine NanoEcoSafety Workshop  
**City of event:** Palermo, Italy  
**Date of event:** 17/11/2014  
**End date:** 18/11/2014  
**Organising entity:** Consiglio Nazionale Ricercar-University of Siena  
Moritz Volland; Miriam Hampel; Chiara Trombini; Juan Antonio Martos Sitcha; Gonzalo Martínez Rodríguez; Julian Blasco.
- 56 Title of the work:** STEM in SEM imaging of gold nanoparticles in tissular ecotoxicity experiments  
**Name of the conference:** 18th International Microscopy Congress  
**City of event:** Praga,  
**Date of event:** 07/09/2014  
**End date:** 12/09/2014  
Carlos García Negrete; María del Carmen Jiménez de Haro; Julián Blasco; Manu Soto; Asunción Fernández.
- 57 Title of the work:** Citrate Capped Gold Nanoparticle Exposure in The Marine Clam *Ruditapes philippinarum*: Uptake, Elimination and Effect  
**Name of the conference:** ESCPB 2014  
**City of event:** Glasgow, United Kingdom  
**Date of event:** 01/09/2014  
**End date:** 04/09/2014  
**Organising entity:** European Society of Comparative Physiology and Biochemistry  
Moritz Volland; Chiara Trombini; Miriam Hampel; Carlos García-Negrete; Juan Antonio Martos-Sitcha; Gonzalo Martínez-Rodríguez; Asunción Fernández; Julian Blasco. "Abstract book".
- 58 Title of the work:** Toxicity of metal nanoparticle in marine and freshwater microalgae  
**Name of the conference:** ESCPB 2014  
**City of event:** Glasgow, United Kingdom  
**Date of event:** 01/09/2014



**End date:** 04/09/2014

**Organising entity:** European Society of Comparative Physiology and Biochemistry

Sara Pérez; Ignacio Moreno-Garrido; Luis F. Capitán-Vallvey; Alejandro Lapresta; Luis M. Lubián; Miriam Hampel; Julian Blasco. "Abstract book".

- 59** **Title of the work:** Effect of temperature and salinity on Cd adsorption in a sandy coastal sediment  
**Name of the conference:** XVII Seminario Ibérico de Química Marina  
**City of event:** Las Palmas de GRan Canaria, Spain  
**Date of event:** 11/06/2014  
**End date:** 13/06/2014  
**Organising entity:** Universidad de Las Palmas de Gran canaria  
Julian Blasco; Verónica Saenz-Arreucochea; Abelardo Gómez-Parra. "Abstract Book".
- 60** **Title of the work:** Toxicity of silver and gold-silver alloy nanoparticles in marine and freshwater microalgae  
**Name of the conference:** XVII Seminario Ibérico de Química Marina  
**City of event:** Las Palmas de GRan Canaria, Spain  
**Date of event:** 11/06/2014  
**End date:** 13/06/2014  
**Organising entity:** Universidad de Las Palmas de Gran canaria  
Sara Pérez; Ignacio Moreno-Garrido; Luis Fermín Capitán-Vallvey; Alejandro Lapresta-Fernández; Luis M. Lubián; Julian Blasco. "Abstract Book".
- 61** **Title of the work:** Citrate gold nanoparticle exposure in the marine clam *Ruditapes philippinarum*: Uptake, elimination and effect  
**Name of the conference:** SETAC Europe 24th Annual Meeting  
**City of event:** Basel, Switzerland  
**Date of event:** 11/05/2014  
**End date:** 15/05/2014  
**Organising entity:** SETAC Europe  
Moritz Volland; Miriam Hampel; Chiara Trombini; Tania Gomes; Carlos Garcia-Negrete; Asunción Fernández; Maria Joao Bebianno; Julian Blasco; Julián Blasco. "Abstract Book".
- 62** **Title of the work:** Improving the WFD purposes by the incorporation of ecotoxicity tests and the assessment of pollutants availability  
**Name of the conference:** SETAC Europe 24th Annual Meeting  
**City of event:** Basel, Switzerland  
**Date of event:** 11/05/2014  
**End date:** 15/05/2014  
**Organising entity:** SETAC Europe  
Neus Roig; Jordi Sierra; M. Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; Julián Blasco; Marta Schummacher; J Domingo. "Abstract Book".
- 63** **Title of the work:** Relating subcellular copper partitioning to the growth effect in *Ruditapes philippinarum* (*Bivalvia*: Veneridae) exposed to continuous, increasing and pulse impact of copper contaminated sediments  
**Name of the conference:** SETAC Europe 24th Annual Meeting  
**City of event:** Basel, Switzerland  
**Date of event:** 11/05/2014  
**End date:** 15/05/2014  
**Organising entity:** SETAC Europe  
Ligia Santana; Olivia Campana; L.V. Lotufo; D.M. Abessa; Julián Blasco. "Abstract Book".

- 64** **Title of the work:** Single and mixture toxicity of pharmaceuticals on *Atyaephyra desmarestii* in global changes scenarios  
**Name of the conference:** SETAC Europe 24th Annual Meeting  
**City of event:** Basel, Switzerland  
**Date of event:** 11/05/2014  
**End date:** 15/05/2014  
**Organising entity:** SETAC Europe  
Elena Nieto; Miriam Hampel; Pilar Drake; Enrique González-Ortegón; Julian Blasco. "Abstract Book".
- 65** **Title of the work:** The effect of pharmaceutical compounds on the larval development of the estuarine shrimp *Palaemon longirostris*  
**Name of the conference:** SETAC Europe 24th Annual Meeting  
**City of event:** Basel, Switzerland  
**Date of event:** 11/05/2014  
**End date:** 15/05/2014  
**Organising entity:** SETAC Europe  
Enrique González-Ortegón; L. Giménez; L. LeVay; Elena Nieto; Miriam Hampel; Julián Blasco. "Abstract Book".
- 66** **Title of the work:** Nanotoxicity of metal nanoparticles in aquatic organisms: some facts and gaps  
**Name of the conference:** NanoSpain Conf. 2014  
**City of event:** Madrid, Spain  
**Date of event:** 11/03/2014  
**End date:** 14/03/2014  
**Organising entity:** FUNDACION PHANTOMS; UA Madrid, CSIC, UPM, DIFC, Julián Blasco; Moritz Volland; Sara Pérez; Carlos Garcia-Negrete; Jorge Otero; Asuncion Fernandez; Ignacio Moreno-Garrido; Miriam Hampel. "Abstract Book".
- 67** **Title of the work:** Effects of food limitation and pharmaceuticals compounds on the larval development of a marine invertebrate  
**Name of the conference:** 4th International SCARCE Conference  
**City of event:** Cádiz, Spain  
**Date of event:** 25/11/2013  
**End date:** 26/11/2013  
**Organising entity:** ICMAN (CSIC)/IDAEA (CSIC)  
Enrique González-Ortegón; Julian Blasco; L. LeVay; L. Gimenez. "Abstract book".
- 68** **Title of the work:** Exposure to human pharmaceuticals produces differential transcriptome expression fingerprints in the brain of the seabream, *Sparus aurata*  
**Name of the conference:** 4th International SCARCE Conference  
**City of event:** Cádiz, Spain  
**Date of event:** 25/11/2013  
**End date:** 26/11/2013  
**Organising entity:** ICMAN (CSIC)/IDAEA (CSIC)  
Miriam Hampel; Massimo Milan; Julian Blasco; Sara Ferrareso; Luca Bargelloni. "Abstract book".
- 69** **Title of the work:** Improving the WFD purposes by the incorporation of ecotoxicity tests  
**Name of the conference:** 4th International SCARCE Conference  
**City of event:** Cádiz, Spain  
**Date of event:** 25/11/2013  
**End date:** 26/11/2013



**Organising entity:** ICMAN (CSIC)/IDAEA (CSIC)

Neus Roig; Jordi Sierra; Marti Nadal; Ignacio Moreno-Garrido; Elena Nieto; Miriam Hampel; Julian Blasco; Marta Schummacher; J. Domingo. "Abstract book".

**70 Title of the work:** Temperature forcing and pharmaceuticals occurrence as proxy of global change. Sublethal effects (osmoregulatory capacity, ingestion and respiration rates) in the freshwater crustacean, *A. desmarestii*

**Name of the conference:** 4th International SCARCE Conference

**City of event:** Cádiz, Spain

**Date of event:** 25/11/2013

**End date:** 26/11/2013

**Organising entity:** ICMAN (CSIC)/IDAEA (CSIC)

Elena Nieto; Miriam Hampel; Enrique Gonzalez-Ortegon; Pilar Drake; Julian Blasco. "Abstract book".

**71 Title of the work:** Sunscreen products as emerging pollutants in coastal waters

**Name of the conference:** 2013 40th CIESM CONGRESS

**City of event:** Marseille, France

**Date of event:** 28/10/2013

**End date:** 01/11/2013

**Organising entity:** The Mediterranean Science Commission

David Sánchez Quiles; Antonio Tovar Sánchez; Nuria Marbá; Mardjan Makhani; Gotzon Basterrexta; Juan Benedé; Alberto Chisvert; Amparo Salvador; Ignacio Moreno; Julián Blasco.

**72 Title of the work:** Location study of gold NPs in bivalve tissue by STEM mode in a SEM-FEG microscope

**Name of the conference:** Microscopy at the Frontiers of Science

**City of event:** Tarragona,

**Date of event:** 17/09/2013

**End date:** 20/09/2013

Carlos A. García Negrete; María del Carmen Jiménez del Haro; Julian Blasco; Asunción Fernández.

**73 Title of the work:** Combined developmental and growth responses of early life stages of a marine invertebrate to emergent compounds

**Name of the conference:** CICTA 2013

**City of event:** Valencia, Spain

**Date of event:** 01/07/2013

**End date:** 04/10/2013

**Organising entity:** SICTA-Universidad de Valencia

E. González Ortigón; J. Blasco; L. Levay; L. Giménez.

**74 Title of the work:** Detection of intracellular reactive oxygen species (ROS) by flow cytometry on microalgae: studies on laboratory monoalgal and natural mixed cultures

**Name of the conference:** CICTA 2013

**City of event:** Valencia, Spain

**Date of event:** 01/07/2013

**End date:** 04/10/2013

**Organising entity:** SICTA-Universidad de Valencia

Sara Perez-García; L.M. Lubián; J. Blasco; I. Moreno Garrido.

**75 Title of the work:** Simulation of CO<sub>2</sub> leakages from marine stable and geological storage: metal mobilization and biota effects

**Name of the conference:** CICTA 2013





**City of event:** Valencia, Spain

**Date of event:** 01/07/2013

**End date:** 04/10/2013

**Organising entity:** SICTA-Universidad de Valencia

Araceli Rodriguez Romero; M.D. Basallote Sanchez; M.R. De Orte; T.A. DelValls; I Riba; J. Blasco.

**76 Title of the work:** Uptake, effect and elimination of engineered gold nanoparticles in the marine bivalve clam *Ruditapes philippinarum*

**Name of the conference:** CICTA 2013

**City of event:** Valencia, Spain

**Date of event:** 01/07/2013

**End date:** 04/10/2013

**Organising entity:** SICTA-Universidad de Valencia

Moritz Volland; Chiara Trombini; Carlos Garcia Negrete; Asuncion Fernandez; Tania Gomes; Maria Joao Bebianno; Miriam Hampel; Julian Blasco.

**77 Title of the work:** Preliminary risk assessment of the pharmaceuticals occurrence in two marine ecosystems: Cadiz Bay and Gulf of Gdańsk

**Name of the conference:** SETAC Europe 23rd annual meeting 2013

**City of event:** Glasgow, United Kingdom

**Date of event:** 12/05/2013

**End date:** 16/05/2013

**Organising entity:** SETAC

G.Siedlewicz; E. Kotlarska; M. Borecka; K.Pazdro; Miriam Hampel; Ignacio Moreno-Garrido; Chiara Trombini; Julian Blasco.

**78 Title of the work:** Assessment of pollution issues in Doñana National Park by the biological response of *P. clarkii*

**Name of the conference:** PRIMO 17. Pollutant responses in marine organisms

**City of event:** Faro, Portugal

**Date of event:** 05/05/2013

**End date:** 08/05/2013

**Organising entity:** University of Algarve

Jose L. Gomez-Ariza; Maria J. Bebianno; Julian Blasco; Amanda Gago-Tinoco; R. Gonzalez-Dominguez; Tamara García-Barrera.

**79 Title of the work:** Evaluation of lethal and sublethal effects of exposure to gold nanoparticles and dissolved gold on aquatic organisms

**Name of the conference:** PRIMO 17. Pollutant responses in marine organisms

**City of event:** Faro, Palestinian Occupied Territories

**Date of event:** 05/05/2013

**End date:** 08/05/2013

**Organising entity:** University of Algarve

**City organizing entity:** Portugal

Miriam Hampel; Jorge Otero; Carlos Garcia-Negrete; Asuncion Fernandez Camacho; Julian Blasco.

**80 Title of the work:** Multivariate methods and artificial neural networks in the assessment of the response of infaunal assemblages to sediment metal contamination and organic enrichment

**Name of the conference:** PRIMO 17. Pollutant responses in marine organisms

**City of event:** Faro, Portugal

**Date of event:** 05/05/2013

**End date:** 08/05/2013



**Organising entity:** University of Algarve  
Pilar Drake; M.D. Subida; Angel Berihuete; Julian Blasco.

**Type of entity:** University

- 81 Title of the work:** Occurrence pharmaceuticals in south west Iberian Peninsula: A preliminary risk assessment  
**Name of the conference:** PRIMO 17. Pollutant responses in marine organisms  
**City of event:** Faro, Portugal  
**Date of event:** 05/05/2013  
**End date:** 08/05/2013  
**Organising entity:** University of Algarve  
Julian Blasco; Miriam Hampel; C. Pereira; Chiara Trombini; Maria Gonzalez-Rey; Elena Nieto; Ignacio Moreno-Garrido; Maria J. Bebianno.
- 82 Title of the work:** Potential environmental implications derived from carbon dioxide capture and storage in marine stable geological formations. Biological effects on the benthic organisms Ruditapes philippinarum  
**Name of the conference:** PRIMO 17 Pollutant responses in marine organisms  
**City of event:** Faro, Portugal  
**Date of event:** 05/05/2013  
**End date:** 08/05/2013  
**Organising entity:** University of Algarve  
Araceli Rodriguez-Romero; M.D. Basallote-Sánchez; Natalia Jimenez-Tenorio; Manoela R. De Orte; Inmaculada Riba; Julian Blasco.
- 83 Title of the work:** ROS-Scavenging enzyme activities in three marine microalgal species exposed to model contaminants (copper, irgarol and atrazine)  
**Name of the conference:** PRIMO 17. Pollutant responses in marine organisms  
**City of event:** Faro, Portugal  
**Date of event:** 05/05/2013  
**End date:** 08/05/2013  
**Organising entity:** University of Algarve  
Pablo Lozano; Chiara Trombini; Julian Blasco; Ignacio Moreno-Garrido.
- 84 Title of the work:** Studying the influence of CO<sub>2</sub> release from sub-seabed geological storages in sediment toxicity by using acute amphipod toxicity test  
**Name of the conference:** International Symposium on Toxicity Assessment ISTA 16  
**City of event:** Cape Town, South African Republic  
**Date of event:** 21/02/2013  
**End date:** 26/02/2013  
**Organising entity:** University of Western Cape  
Maria Dolores Basallote; Araceli Rodriguez-Romero; Manoela R. De Orte; Julian Blasco; Tomas A. DelValls; Inmaculada Riba.
- 85 Title of the work:** Assessing toxicity of citrate-gold nanoparticles at different marine trophic levels (microalgae, copepods and bivalve mollusks)  
**Name of the conference:** NanoSpain Conf. 2012  
**City of event:** Santander,  
**Date of event:** 2012  
Julián Blasco; Ignacio Moreno-Garrido; Miriam Hampel; Jorge Otero; Goznalo Quiroga; Moritz Volland; Carlos A. García-Negrete; A. Lapresta-Fernández; Asunción Fernández.



- 86** **Title of the work:** Distribution of inorganic and organic contaminants in sediments of the Guadalquivir River estuary  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Blasco, J.; Eljarrat, E. and D. Barceló.
- 87** **Title of the work:** Efectos de la salinidad sobre el crecimiento, la fluorescencia de clorofila y el drift de la microalga bentónica *Cylindrotheca closterium* TIPO DE PRESENTACIÓN: Comunicación oral.  
**Name of the conference:** XVII Iberian Symposium on Marine Biology Studies,  
**City of event:** San Sebastián, España,  
**Date of event:** 2012  
Sonia Romero-Romero; Cristiano V.M. Araújo; Lúcio Lourençato; Ignacio Moreno-Garrido; Julián Blasco; Matilde Moreira-Santos; Rui Ribeir.
- 88** **Title of the work:** Effect of pharmaceutical compounds on the larval development of *Palaemon serratus*  
**Name of the conference:** 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity  
**City of event:** Valencia, Valencian Community, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Universidad de Valencia, IDAEA-CSIC  
Enrique Gonzalez Ortegon; Julian Blasco; Lewis LeVay; Luis Gimenez.
- 89** **Title of the work:** Effects of Pollutants in aquatic ecosystems of the cross-border region of the southwest of Iberian Peninsula  
**Name of the conference:** SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Berlin,  
**Date of event:** 2012  
C.G. Pereira; T. Gomes; A. Rodriguez; D. Macías-Mayorga; J. Blasco; M.J. Bebianno.
- 90** **Title of the work:** Effects of environmentally relevant concentrations of pharmaceutical compounds on gene expression in the gilthead seabream, *Sparus aurata*  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Hampel; M. and J. Blasco.
- 91** **Title of the work:** Effects of temperature on acute mixture toxicity of pharmaceuticals: application of predictive mixture toxicity models  
**Name of the conference:** 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity  
**City of event:** Valencia, Valencian Community, Spain  
**Date of event:** 2012  
**End date:** 2012  
**Organising entity:** Universidad Valencia, IDAEA-CSIC  
Elena Nieto; Miriam Hampel; Julian Blasco Moreno.



- 92** **Title of the work:** Effects of the exposure of the clam *Ruditapes philippinarum* to carbamezapine, diclofenac and ibuprofen. Evaluation of enzymatic and molecular endpoints TIPO DE PARTICIPACIÓN: Poster  
**Name of the conference:** 28th Congress-European Society for Comparative Physiology and Biochemistry  
**City of event:** Bilbao,  
**Date of event:** 2012  
C. Trombini; M. Hampel; J. Blasco.
- 93** **Title of the work:** Environmental metallomics and metabolomics in marine coastal research  
**Name of the conference:** Helmholtz Zentrum Geesthacht  
**City of event:** Hamburg, Germany  
**Date of event:** 2012  
Manuel Contreras Acuña; Amanda Gago Tinoco; Raul Gonzalez Dominguez; Tamara Garcia Barrera; Julian Blasco Moreno; Jose Luis Gomez Ariza.
- 94** **Title of the work:** Exposure of snail *Hydrobia ulvae* to copper spiked estuarine sediment: effects on activity and postexposure feeding TIPO DE PRESENTACIÓN: póster  
**Name of the conference:** XII Congresso Brasileiro de Ecotoxicologia  
**City of event:** Porto de Galinhas,  
**Date of event:** 2012  
Cristiano V.M. Araújo; Julián Blasco; Ignacio Moreno-Garrido.
- 95** **Title of the work:** Exposure of the bivalve *Ruditapes philippinarum* to gold nanoparticles: Location study by electron microscopy  
**Name of the conference:** NanoSpain Conf. 2012  
**City of event:** Santander,  
**Date of event:** 2012  
C.A.García-Negrete; T.C.Rojas Ruíz; M.C.Jimenez de Haro; A.Lapresta-Fernández; A.Fernández; M.Volland; M.Hampel; J.Blasco.
- 96** **Title of the work:** Laboratory scale experimental system for the assessment of acidification impacts on aquatic organisms caused by CO<sub>2</sub> leakages from marine stable geological storage formations  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Rodríguez-Romero, A.; Basallote-Sánchez, M.D.; De Orte, M.R.; Sarmiento, A.M.; DelValls, A.; Riba, I. and J. Blasco.
- 97** **Title of the work:** Laboratory scale simulation of CO<sub>2</sub> leakages from marine stable geological storage: metal accumulation and biological effects on the benthic organism *Ruditapes philippinarum*  
**Name of the conference:** SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Berlin,  
**Date of event:** 2012  
A. Rodríguez Romero; J. Blasco; I. Riba.
- 98** **Title of the work:** Linking subcellular metal partitioning to the particulate and dissolved exposure pathways and chronic effect of copper in two deposit feeder organisms  
**Name of the conference:** SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting  
**Type of participation:** 'Participatory - poster



**City of event:** Berlin,  
**Date of event:** 2012  
O. Campana; A.M. Taylor; J. Blasco; S.L. Simpson.

- 99** **Title of the work:** Metabolomic and Metallomic Analysis of crab *Procambarus clarkii* to assess the pollution in Doñana National Park  
**Name of the conference:** 7th International Franco-Spanish workshop on Bio-inorganic Analytical Chemistry  
**City of event:** Gijon, Spain  
**Date of event:** 2012  
Amanda Gago Tinoco; Raul Gonzalez Dominguez; Julian Blasco Moreno; Tamara Garcia Barrera; Jose Luis Gomez Ariza.
- 100** **Title of the work:** Monitoring of the quality of the Atlantic coastal waters using algae and molluscs as bioindicators of contamination  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Blasco, J.; Laissaoui, A.; Benkdad, A.; Moreno Garrido, I.; Hampel, M.; Macías-Mayorga, D. and M. Benmansour1.
- 101** **Title of the work:** Pharmaceuticals in the aquatic environment: multi-biomarker approach for assessing the health status in the clam *Ruditapes philippinarum*  
**Name of the conference:** 3rd SCARCE International Conference, Bridging toxicants, stressors and risk based management under water scarcity  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
**Organising entity:** Universidad Valencia-IDAEA (CSIC)  
**City organizing entity:** Valencia,  
Chiara Trombini; Miriam Hampel.
- 102** **Title of the work:** Quality assessment of two ecologically important ecosystems in the south coast of Portugal - oxidative stress biomarkers and proteomic analysis in *Scrobicularia plana*  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Gomes, T.; Pereira, C.; Rodriguez, A.; Macías-Mayorga, D.; González-Rey, M.; Blasco, J. and M.J. Bebianno.
- 103** **Title of the work:** Single and combined toxicity of pharmaceutical compounds on the harpacticoid copepod, *Tisbe battagliai*  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**City of event:** Cádiz,  
**Date of event:** 2012  
Trombini, C.; Romero, M.D.; Blasco, J. and M. Hampel.



- 104** **Title of the work:** Superoxide dismutase activity in three marine microalgal species exposed to copper, Irgarol and Atrazine: a discussion on species sensitivity. TIPO DE PRESENTACIÓN: póster  
**Name of the conference:** XII Congresso Brasileiro de Ecotoxicologia.  
**City of event:** Porto de Galinhas,  
**Date of event:** 2012  
Pablo Lozano; Chiara Trombini; Elena Crespo; Julián Blasco; Ignacio Moreno-Garrido.
- 105** **Title of the work:** The SCARCE Consolider project on water scarcity in Iberian river basins  
**Name of the conference:** SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting  
**City of event:** Berlin,  
**Date of event:** 2012  
A. Navarra-Ortega; S. Sabater; I. Muñoz; X. Sanchez-Vila; C. Conde; Y. Picó; J. Blasco; A. Elosegí; M. Schuhmacher; R. Batalla; F. Francés; D. Barcelo.
- 106** **Title of the work:** Toxicity bioassay for dissolved Au and Au-Citrate nanoparticles on five marine microalgal species  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**Type of participation:** 'Participatory - poster  
**City of event:** Cadiz,  
**Date of event:** 2012  
Moreno-Garrido, I.; Trombini, C.; García-Negrete, C.; Lapresta-Fernández, A.; Fernández, A.; Blasco, J.
- 107** **Title of the work:** Toxicity bioassays on epiphyte populations attached to silica mimes at subtidal locations. TIPO DE PRESENTACIÓN: póster  
**Name of the conference:** XII Congresso Brasileiro de Ecotoxicologia  
**City of event:** Porto de Galinhas,  
**Date of event:** 2012  
Elena Crespo; Pablo Lozano; Julián Blasco; Ignacio Moreno-Garrido.
- 108** **Title of the work:** Transcriptome analysis of the brain of the gilthead sea bream (*Sparus aurata*) after exposure to environmental concentrations of human pharmaceuticals  
**Name of the conference:** SETAC 6th World Congress/SETAC Europe 22nd Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Berlin,  
**Date of event:** 2012  
M. Hampel; M. Milan; J. Blasco; S. Ferraresso; L. Bargelloni.
- 109** **Title of the work:** Use of a metallomics approach to assess the biological response of the clam *Scrobicularia plana* in several environmental areas of southwest Iberian peninsula  
**Name of the conference:** XVI SIQM - Seminario Ibérico de Química Marina y III Simposio Internacional de Ciencias del Mar  
**City of event:** Cádiz,  
**Date of event:** 2012  
Gago-Tinoco, A.; González-Fernández, M.; García-Barrera, T.; Blasco, J.; Bebbiano, M.J. and J.L. Gómez-Ariza.
- 110** **Title of the work:** "Influence of the sediment particle size and particulate organic carbon on dissolved and particulate exposure pathways and chronic effects of copper in sediments"  
**Name of the conference:** 13th Australasian Society for Ecotoxicology Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Darwin, Australia,



**Date of event:** 2011

Campana O.; Spadaro S.; Blasco J.; Simpson S.

- 111 Title of the work:** Effects of the exposure of the clam *Ruditapes philippiarum* to gold nanoparticles. Evaluation of enzymatic and molecular endpoints  
**Name of the conference:** PRIMO 16  
**City of event:** Long Beach,  
**Date of event:** 2011  
M. Volland; M. Hampel; C. García-Negrete; A. Lapresta-Fernández; T.C. Rojas; M. C. Jiménez del Haro; A. Fernández; Julián Blasco.
- 112 Title of the work:** Enzymatic and molecular responses on the Manila clam, *Ruditapes philippinarum*, to gold nanoparticles and dissolved gold  
**Name of the conference:** 6th International Conference. Environmental Effects of Nanoparticles and Nanomaterials  
**City of event:** London,  
**Date of event:** 2011  
Julián Blasco; M. Volland; M. Hampel; C. García-Negrete; A. Lapresta-Fernández; T.C. Rojas; M. C. Jiménez del Haro; A. Fernández.
- 113 Title of the work:** Phytochelatins as biomarkers of cadmium and copper toxicity in marine microalgae  
**Name of the conference:** PRIMO 16  
**Type of participation:** 'Participatory - poster  
**City of event:** Long Beach,  
**Date of event:** 2011  
S. Pérez; M. Hampel; I. Moreno; J. Blasco.
- 114 Title of the work:** Quality assessment of two ecologically important ecosystems in the south coast of Portugal-oxidative stress biomarkers and proteomic analysis in *Nereis divesicolor*  
**Name of the conference:** PRIMO 16  
**City of event:** Long Beach,  
**Date of event:** 2011  
C. Pereira; T. Gomes; M. González-Rey; J. Blasco; M. Bebianno.
- 115 Title of the work:** Single and mixture toxicity of several pharmaceutical compounds on survival of the haparticoid copepod, *Tisbe battagliai*.  
**Name of the conference:** PRIMO 16  
**Type of participation:** 'Participatory - poster  
**City of event:** Long Beach,  
**Date of event:** 2011  
C. Trombini; M. Romero; J. Blasco; M. Hampel.
- 116 Title of the work:** Toxicity testing and behavioral changes in two species exposure to several pharmaceutical compounds: the copepod *Tisbe battagliai* and the shrimp *Atyaephyra desmarestii*  
**Name of the conference:** SCARCE 2nd Annual Conference. Integrated modelling and monitoring at different river basin scale  
**City of event:** Madrid,  
**Date of event:** 2011  
Elena Nieto; Pilar Drake; C. Trombini; E. González-Ortegón; Miriam Hampel; Julián Blasco.



- 117** **Title of the work:** "Contribution of dissolved and particulate exposure pathways to the chronic effect of copper"  
**Name of the conference:** 6th International Conference on Marine Pollution and Ecotoxicology.  
**Type of participation:** 'Participatory - poster  
**City of event:** Hong Kong,  
**Date of event:** 2010  
Campana O.; Spadaro S.; Blasco J.; Simpson S.
- 118** **Title of the work:** Acumulación de cobre y cadmio en *Crassostrea angulata* ¿sinergismo o antagonismo?  
**Name of the conference:** XV Seminario Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Vigo, Spain  
**Date of event:** 2010  
.Macías-Mayorga; D.; Moreno-Garrido; I.; Blasco; J.
- 119** **Title of the work:** Avoidance behaviour of *Hydrobia ulvae* exposed to a gradient with contaminated estuarine sediment  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2010  
Cristiano Araújo; Julián Blasco; Ignacio Moreno-Garrido.
- 120** **Title of the work:** Biomarkers and protein expression profiles in *Scrobicularia plana* from the southwest Iberian Peninsula  
**Name of the conference:** CICTA 2010  
**City of event:** Heredia, Costa Rica  
**Date of event:** 2010  
Gomes; T.; González-Rey; M.; Rodríguez-Romero; A.; Trombini; C.; Riba; I.; Blasco; J.; Bebianno; M. J..
- 121** **Title of the work:** Biomarkers and proteomic analysis in *Nereis diversicolor* as tools to management quality assessment in the southwest Iberian coast.  
**Name of the conference:** XV Seminario Ibérico Química Marina  
**City of event:** Vigo, Spain  
**Date of event:** 2010  
Gomes; T.; González-Rey; M.; Rodríguez-Romero; A.; Trombini; C.; Riba; I.; Blasco; J.; Bebianno; M. J.
- 122** **Title of the work:** Contaminación metálica y estrés oxidativo en dos poblaciones de *Crassostrea angulata*: variaciones estacionales  
**Name of the conference:** CICTA 2010  
**Type of participation:** 'Participatory - poster  
**City of event:** Heredia, Costa Rica  
**Date of event:** 2010  
.Macías-Mayorga; D.; I. Moreno-Garrido; J. Blasco.
- 123** **Title of the work:** Effects of salinity on the accumulation of trace metals and toxicity in the polychaete, *Arenicola marina*  
**Name of the conference:** CICTA 2010  
**Type of participation:** 'Participatory - poster  
**City of event:** Heredia, Costa Rica  
**Date of event:** 2010





Kalman; J.; I. Riba-López; A. Del Valls-Casillas; J. Blasco.

- 124** **Title of the work:** Estadística multivariante y la guía de calidad de sedimento: sus incertidumbres y riesgos asociados  
**Name of the conference:** CICTA 2010  
**City of event:** Heredia, Costa Rica  
**Date of event:** 2010  
Blasco; J.; C.V.M. Araujo; I. Moreno-Garrido.
- 125** **Title of the work:** Evaluation of Comprehensive two dimensional gas chromatography-time of flight mass spectrometry for the analysis of high molecular-mass polycyclic aromatic hydrocarbons  
**Name of the conference:** International Symposium on Capillary Chromatography and the 7th GCxGC Symposium  
**City of event:** Riva del Garda, Italy  
**Date of event:** 2010  
M. Pena-Abaurrea; J. Blasco; L. Ramos.
- 126** **Title of the work:** Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment associated LAS  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2010  
Aourell Mauffret; A Rico-Rico; A Temara; J. Blasco.
- 127** **Title of the work:** Exposure of the marine deposit feeder *Hydrobia ulvae* to sediment spiked with LAS congeners  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2010  
Aourell Mauffret; A Temara; J Blasco.
- 128** **Title of the work:** Feeding preferences of the mudsnail *Hydrobia ulvae* and the prevention of macroalgal blooms in estuaries  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2010  
Cristiano Araújo; Matilde Moreira-Santos; Joana Patrício; Irene Martins; Ignacio Moreno-Garrido; Julián Blasco; João Marques; Rui Ribeiro.
- 129** **Title of the work:** Influence of pH on the bioaccumulation and effects of metals bound to sediments in the polychaete, *Arenicola Marina*  
**Name of the conference:** XV Seminario Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Vigo, Spain  
**Date of event:** 2010  
Kalman; J.; Riba; I.; DelValls; T.A.; Blasco; J.
- 130** **Title of the work:** Metal composition of *Scrobicularia plana* shells in the River Guadalquivir Estuary: influence of the Aznalcollar mine spill  
**Name of the conference:** CICTA 2010



**City of event:** Heredia, Costa Rica

**Date of event:** 2010

Blasco; J.; S. Pérez-Mayol; B. Morales-Nin; V. Tornero.

**131 Title of the work:** Radionuclides and trace metals in microalgae from the Atlantic coasts from Morocco and Iberian Peninsula: baseline for integrated biomonitoring approach

**Name of the conference:** CICTA 2010

**Type of participation:** 'Participatory - poster

**City of event:** Heredia, Costa Rica

**Date of event:** 2010

Blasco; J.; A. Benkdad; M. Benmansour; I. Moreno-Garrido; V. Tornero; CV. M. Araujo; A. Laissaoui.

**132 Title of the work:** Ring-test for a whole sediment toxicity assay with the benthic marine diatom *Cylindrotheca closterium* (Ehrenmberg) (Lewin& Reinman)

**Name of the conference:** XV Seminario Ibérico Química Marina

**City of event:** Vigo, Spain

**Date of event:** 2010

Araujo; C.V.M.; J. Blasco; I. Moreno-Garrido.

**133 Title of the work:** Single and mixture toxicity of several pharmaceutical compounds on survival and reproduction of the harpacticoid copepod, *Tisbe battagliai*

**Name of the conference:** CICTA 2010

**City of event:** Heredia, Costa Rica

**Date of event:** 2010

. Hampel; M.; J. Blasco.

**134 Title of the work:** Spatiotemporal relationships between sediment metal concentrations and the structure of macrobenthic assemblages

**Name of the conference:** SETAC-Europe

**Type of participation:** 'Participatory - poster

**City of event:** Sevilla, Spain

**Date of event:** 2010

Maria Dulce Subida; Pilar Drake; Julian Blasco.

**135 Title of the work:** The SCARCE Consolider project on Iberian river basins

**Name of the conference:** SETAC-Europe

**City of event:** Sevilla, Spain

**Date of event:** 2010

Alícia Navarro-Ortega; Sergi Sabater; Isabel Muñoz; Xavier Sanchez-Vila; Carlos Conde; Yolanda Picó; Francesc La-Roca; Julián Blasco; Arturo Elosegi; Marta Schumacher; Ramon Batalla; Félix Francés; Damià Barceló.

**136 Title of the work:** The SCARCE Project: Assessing and predicting global change effects on Iberian river basins

**Name of the conference:** CICTA 2010

**City of event:** Heredia, Costa Rica

**Date of event:** 2010

Blasco; J.; A. Navarro-Ortega; S. Sabater; I. Muñoz; X. Sánchez-Vila; C. Conde; Y. Picó; F. La Roca; A. Elosegui; M. Schummacher; R. Batalla; F. Francés; D. Barceló.



- 137** **Title of the work:** Trace metal concentrations in sediments from southwest of Iberian Peninsula  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2010  
Julian Blasco; Tania Gomes; Tamara Garcia-Barrera; Araceli Rodriguez-Romero; Maria Gonzalez-Rey; Fernando Moran-Roldan; Chiara Trombini; Michal Miotk; Jose Luis Gomez-Ariza; Maria Joao Bebianno.
- 138** **Title of the work:** Uso de microfitobentos para ensayos de toxicidad  
**Name of the conference:** CICTA 2010  
**City of event:** Heredia, Costa Rica  
**Date of event:** 2010  
Moreno-Garrido; I.; C.V.M. Araujo; J. Blasco .
- 139** **Title of the work:** Evaluation du degré de contamination par des éléments radioactifs dans le littoral maroco-espagnol grâce à l'usage des bioindicateurs (mollusques).  
**Name of the conference:** International Conference on Sustainable Solid Waste Management  
**Type of participation:** 'Participatory - poster  
**City of event:** El Jadida, Morocco  
**Date of event:** 2009  
K. EL Fallah; A. Laissaoui; A. Chahlaoui; M.Fidah; A.Benkdad; M.Benmansour; J.Blasco; M.V.tornero; et I.Moreno Garrido.
- 140** **Title of the work:** Urban pressures on the Spanish Mediterranean coasts: ecotoxicological and ecological issues in marine ecosystems  
**Name of the conference:** International workshop Impact of large coastal Mediterranean cities on Marine Ecosystems”  
**City of event:** Alejandría, Egypt  
**Date of event:** 2009  
Blasco; J.; González-Mazo; E.; Tovar-Sánchez; A.
- 141** **Title of the work:** Accuracy of flow cytometry as method in benthic microalgae toxicity test: a comparison with density and viability cell  
**Name of the conference:** 5th SETAC World Congress  
**Type of participation:** 'Participatory - poster  
**City of event:** Sidney, Australia  
**Date of event:** 2008  
Cristiano V.M. Araújo; Ignacio Moreno-Garrido; Fernando R. Diz; Luis M. Lubián and Julián Blasco.
- 142** **Title of the work:** Aplicación de la metodología DIGE a la proteómica ambiental  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
I. Varó; O. Antúnez; R. Company; M. J. Bebianno; M. Cajaraville; M. Hampel; J. Blasco; A. Torreblanca.
- 143** **Title of the work:** Application of toxicity tests to determine letal and sublethal effects of copper (CuSO<sub>4</sub>.5 H<sub>2</sub>O) and LAS (linear alkylbenzene sulphonate) for the haparticoid copepod, Tisbe battagliai  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008



Fernando R. Diz; Cristiano V. M. Araujo; Ignacio Moreno-Garrido; Miriam Hampel; Julian Blasco.

- 144** **Title of the work:** Assessment of metal pollution in the Guadalquivir River ten years after the Aznalcóllar mine spill  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**City of event:** Cádiz,  
**Date of event:** 2008  
Tornero; V.; Arias; A.M.; Blasco; J.
- 145** **Title of the work:** Biomarkers and metals in oysters *Crassostrea angulata* (Lamarck, 1819) transplanted in the Guadalquivir River estuary  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
D. Macías; I. Moreno-Garrido; J. Blasco.
- 146** **Title of the work:** Biomarkers as tools to management of quality assessment in Southwest Iberian coast  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
A. Rodríguez-Romero; T. C. Gomes; C. Trombini; M. Gonzalez-Rey; L. Martín-Díaz; T. A. DelValls; M. J. Bebianno; J. Blasco.
- 147** **Title of the work:** Biomarkers in two benthic model organisms for quality assessment of southwest Iberian coastal zone  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**City of event:** Cádiz,  
**Date of event:** 2008  
Bebianno; M. J.; Blasco; J.; Gomes; T.; Rodríguez-Roero; A.; González-Rey; M.; Trombini; C.; Riba; I.
- 148** **Title of the work:** Calidad ambiental del sedimento de la bahía de Cádiz (España) basada en las respuestas de la microalga *Cylindrotheca closterium* y del copépodo *Tisbe battagliai*  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**City of event:** Cádiz,  
**Date of event:** 2008  
Araújo; C. V. M.; Diz; F. R.; Laiz; I.; Moreno-Garrido; I.; Lubian; L. M.; Blasco; J.
- 149** **Title of the work:** Composition and distribution of polycyclic aromatic hydrocarbons in the superficial sediments from the Sancti-Petri channel, Cádiz, Spain  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 2008  
Ye; F.; DelValls Casillas; T. A.; Blasco; J.
- 150** **Title of the work:** Concentración de metales, biomarcadores de exposición y estrés oxidativo en *Crassostrea angulata* en dos poblaciones (bahía de Cádiz y estuario del Guadalquivir): Variaciones estacionales  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**City of event:** Cádiz,



**Date of event:** 2008

Macías; D.; Moreno-Garrido; I.; Blasco; J.

- 151 Title of the work:** Derivation of environmentally safe concentrations (PNEC) for lineal alkylbenzene sulphonates (LAS) for environmental risk assessment purposes in sediments from the Tagus estuary, Portugal  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
M. Hampel; V. Branco; J. Canario; C. Vale; J. Blasco.
- 152 Title of the work:** Efecto de temperatura y oscuridad sobre la sensibilidad de *Cylindrotheca closterium* a cobre  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
C. V. M. Araujo; I. Moreno-Garrido; F. R. Diz; L. M. Lubián; J. Blasco.
- 153 Title of the work:** Effect of copper on metallothionein, antioxidante enzyme activities and glutathione levels in the bivalve *Crassostrea angulata* (Lamarck, 1819)  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
D. Macías; I. Moreno-Garrido; J. Blasco.
- 154 Title of the work:** Effect of sediment acidification on the bioaccumulation of Zn in *Ruditapes philippinarum*  
**Name of the conference:** SeaSink  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal  
**Date of event:** 2008  
I. Riba; E. García-Luque; J. Kalman; J. Blasco; C. Vale.
- 155 Title of the work:** Efeito do cobre sobre a viabilidade celular, fluorescencia de clorofila, crecimiento e tamanho celular de *Cylindrotheca closterium* (Bacillariophyceae)  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
C. V. M. Araujo; I. Moreno-Garrido; F. R. Diz; L. M. Lubián; J. Blasco.
- 156 Title of the work:** Evaluation de la contamination dans l'entourage océanique et méditerranéen en utilisant les algues comme des bio-indicateurs  
**Name of the conference:** Workshop sur les Techniques Analytiques, Nucléaires et Conventionnelles et leurs Applications  
**Type of participation:** 'Participatory - poster  
**City of event:** Meknes, Morocco



**Date of event:** 2008

A. Benkdad; A. Laissaoui; J. Blasco; I. Riba López; M. Benmansour; M. Chakir.

- 157 Title of the work:** Fecundity and Nativity: An approach to standardization of sublethal toxicity tests with harpacticoid copepods  
**Name of the conference:** 5th SETAC World Congress  
**Type of participation:** 'Participatory - poster  
**City of event:** Sidney, Australia  
**Date of event:** 2008  
Fernando R. Diz; Cristiano V. M. Araujo; Ignacio Moreno-Garrido; Miriam Hampel; Julian Blasco.
- 158 Title of the work:** Impact lead contamination on  $\delta$ -aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cádiz  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 2008  
Company; R.; Serafim; A. M.; Lopes; B.; Cravo; A.; Kalman; J; Rib; I; DelValls; T.A.; Blasco; J.; Delgado; J.; Sarmiento; A. M.; Nieto; J. M.; Shepherd; T. J.; Pearson; G.; Bebianno; M. J.
- 159 Title of the work:** LAS marine biodegradability assessment using bacterial communities from South of Spain and Sweden  
**Name of the conference:** SETAC-Europe 18th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Varsovia, Poland  
**Date of event:** 2008  
Aourell Mauffret; André Rottiers; David Gillan; Tom Federle; Martin Eriksson; Julian Blasco; Ali Temara.
- 160 Title of the work:** Metal bioavailability and toxicity in two bethic model organisms  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
A. Rodriguez-Romero; C. Trombini; T. Gomes; M. González-Rey; M. J. Bebbianno; J. Blasco.
- 161 Title of the work:** Metal contamination in sediment and biochemical responses in benthic organisms (*Scrobicularia plana* and *Nereis diversicolor*) is there a relationship between contamination and toxicity  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
A. Rodriguez; C. Trombini; J. Blasco.
- 162 Title of the work:** Monitorización de la contaminación por metales y radionuclidos en las costas de Marruecos mediante el uso de macrófitos (algas superiores y moluscos)  
**Name of the conference:** XIV Semianrio Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 2008  
Laissaoui; A.; Tornero; V.; Benkdad; A.; Moreno-Garrido; I.; Fidah; M.; Benmansour; M.; Blasco; J.



- 163** **Title of the work:** Proteomics as a tool to evaluate the response of the clam, *Ruditapes philippinarum*, to linear alkylbenzene sulphonate (LAS) exposure  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
M. Hampel; I. Varó; A. Torreblanca; J. Blasco.
- 164** **Title of the work:** Sediment and benthic organism metal concentrations in ecosystems from southwest Iberian Peninsula  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**City of event:** Cádiz,  
**Date of event:** 2008  
Blasco; J.; Bebianno; M. J.; Rodríguez-Romero; A.; Rey; M.; Trombini; C.; Miotk; M.; Riba; I.; Gomes; T. C.
- 165** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the deposit feeder *Hydrobia ulvae*  
**Name of the conference:** XIV Seminario Ibérico Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 2008  
Mauffret; A.; Rico-Rico; A.; Temara; A.; Blasco; J.
- 166** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine deposit feeder *Hydrobia ulvae*  
**Name of the conference:** SETAC-Europe 18th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Varsovia, Poland  
**Date of event:** 2008  
Aourell Mauffret; Ali Temara; Angeles Rico-Rico; Julian Blasco.
- 167** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine diatom *C. closterium*  
**Name of the conference:** SETAC-Europe 18th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Varsovia, Poland  
**Date of event:** 2008  
Aourell Mauffret; Ali Temara; Angeles Rico-Rico; I Moreno-Garrido; Julian Blasco.
- 168** **Title of the work:** Sediment-associated LAS mixture and homologues toxicity to the marine diatom, *C. closterium*  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
A. Mauffret; A. Temara; I. Moreno-Garrido; J. Blasco.



- 169** **Title of the work:** Sediment-associated LAS-mixture and homologues toxicity to the deposit feeder *Hydrobia ulvae*  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
A. Mauffret; A. Temara; J. Blasco.
- 170** **Title of the work:** Temporal variations in levels of heavy metals in the Guadalquivir River alter the Aznalcollar mining spill (1998-2008)  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
V. Tornero; C. Trombini; A.M. Arias; J. Blasco.
- 171** **Title of the work:** Use of proteomics to assess metal accumulation effects in *Scrobicularia plana*  
**Name of the conference:** 7th Iberian and 4th Iberoamerican Congress of Environmental Contamination and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Portugal  
**Date of event:** 2008  
T. Gomes; M. González-Rey; S. Chora; A. Rodríguez-Romero; C. Trombini; J. Blasco; M. Bebbianno.
- 172** **Title of the work:** A proteomic approach to study the effects of linear alkylbenzene sulphonate (LAS) exposure in the clam, *Ruditapes philippinarum*  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto,  
**Date of event:** 2007  
M. Hampel; I Varó; A. Torreblanca; J. Blasco.
- 173** **Title of the work:** An integrative approach on benthos as key environmental compartment for environmental quality of Sancti-Petri saltmarsh area (Sw Iberian Peninsula).  
**Name of the conference:** Pollutant Response in Marine Organisms XIV  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
Blasco J; P. Drake; AM. Arias; C. Sarasquete; LM: Lubián; I. Moreno-Garrido; O. Campana; B. Jimenez; JL. Gómez Ariza; E. Cargnin-Ferreira.
- 174** **Title of the work:** Biodegradation of LAS in marine environments using colonised biofilms as inoculum  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**Date of event:** 2007  
A. Mauffret; A. Rottiers; T. Federle; M. Hampel; J. Blasco; M. Eriksson; C. Petersson; H. Blanck; A. Temara.
- 175** **Title of the work:** Biomarkers in a moderately contaminated litoral ecosystem, are they usefulness tools for risk assessment?  
**Name of the conference:** Persistent Organic Pollutants in the environment. Global distribution, transport and effects  
**Type of participation:** 'Participatory - poster





**City of event:** Baeza, Spain

**Date of event:** 2007

J. Blasco; M. Solé; P. Drake; O. Campana; B. Jiménez.

- 176** **Title of the work:** Cadmium Accumulation and Metallothionein Induction in *Solea senegalensis*  
**Name of the conference:** Pollutant Response In Marine Organisms XIV  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
Judit Kalman; Inmaculada Riba; Julian Blasco; T. Angel DelValls.
- 177** **Title of the work:** Cadmium accumulation in the bivalve *Crassostrea angulata*, Lammarck: methallothionein and stress oxidative biomarkers  
**Name of the conference:** : Pollutant Response in Marine Organisms XIV  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
Macías-Mayorga; I. Moreno-Garrido; J. Blasco.
- 178** **Title of the work:** Development of whole sediment ecotoxicity test using the benthic microalgae *Cylindrotheca closterium* and the mollusc *Hydrobia ulvae*  
**Name of the conference:** SETAC-Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto,  
**Date of event:** 2007  
A. Mauffret; A. Temara; I. Moreno-Garrido; J. Blasco.
- 179** **Title of the work:** Environmental monitoring by gene expresión biomarkers in *Barbas graellsii*: laboratory and field studies  
**Name of the conference:** SETAC-Europe  
**City of event:** Oporto,  
**Date of event:** 2007  
D. Raldúa; Quirós Laia; Benjamin Piña; Montse Solé; Julián Blasco; Miguel Ángel López; M.Carmen Riva; Damià Barceló.
- 180** **Title of the work:** Esterase activity as endpoint in benthic marine microalgae assays: a comparison with standard growth-inhibition and chlorophyll fluorescence  
**Name of the conference:** Pollutant Response in Marine Organisms XIV  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
C.V. M. Araujo; I. Moreno-Garrido; F.R. Diz; L.M. Lubián; J. Blasco.
- 181** **Title of the work:** Evaluation of organochlorine contaminants in aquatic ecosystem from Cadiz Bay (Spain)  
**Name of the conference:** Persistent Organic Pollutants in the environment. Global distribution, transport and effects  
**City of event:** Baeza, Spain  
**Date of event:** 2007  
M. Saénz; J.R. Mateo; M. Fernández; O. Campana; J. Blasco; B. Jimenez.



- 182 Title of the work:** Induction in gill and digestive system of *Sparus aurata* after cadmium administration  
**Name of the conference:** ISTA 13  
**Type of participation:** 'Participatory - poster  
**City of event:** Toyama, Japan  
**Date of event:** 2007  
J. Kalman; I. Riba; M.L. Martín-Díaz; J. Blasco; T. A. DelValls.
- 183 Title of the work:** Is  $\delta$ -Aminolevulinic Acid Dehydratase from Bivalves of West Iberian Peninsula a Good Biomarker of Lead Pollution?  
**Name of the conference:** : Pollutant Response in Marine Organisms XIV  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
Kalman; Inmaculada Riba; Julian Blasco; T. Angel DelValls.
- 184 Title of the work:** Metal contamination in the coastal and estuarine ecosystem from the Southwest of Iberian Peninsula. Is there a risk situation?  
**Name of the conference:** 14th International Symposium on Environmental Pollution and its impact on life in the Mediterranean region  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2007  
J. Blasco; A. Rodríguez; M. Rey; C. Trombini; T.C. Gomez; J.L. Gómez-Ariza; M. J. Bebianno.
- 185 Title of the work:** Metallothionein like protein in the mollusc *Crassostrea angulata* from the Guadalquivir River estuary: A good biomarker for metal pollution?  
**Name of the conference:** Pollutant Response In Marine Organisms XIV  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
C. Trombini; O. Campana; E. Fabbri; J. Blasco.
- 186 Title of the work:** Oxidative stress biomarkers in transplanted *Crassostrea angulata*: the Guadalquivir estuary.  
**Name of the conference:** Pollutant Response in Marine Organisms XIV  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2007  
D. Macías-Mayorga; I. Moreno-Garrido; J. Blasco.
- 187 Title of the work:** Source apportionment of lead in the lower Guadiana river basin.  
**Name of the conference:** 23rd IAGS Symposium  
**Type of participation:** 'Participatory - poster  
**City of event:** Oviedo,  
**Date of event:** 2007  
Martins; L; Batista; M. J; Matos; J; Oliveira; D; Shepherd; T.J. Abreu; M.M; Condesso de Melo; T; Barrosinho; J; Neves; C; Bebianno; M. J; Serafim; A; Company; R; Cravo; A; Locutura; J; Bel-Lan; A; Nieto; J. M; Delgado; J; DelValls; T.A; Blasco; J; Kalman; J; Riba I.
- 188 Title of the work:** Spatial and seasonal bioavailability of sediment-associated metals along the estuary of Guadalete River (SW Spain)  
**Name of the conference:** 14th International Symposium on Environmental Pollution and its impact on life in the Mediterranean region



**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla, Spain  
**Date of event:** 2007  
O. Campana; A. Rodríguez; J. Blasco.

- 189** **Title of the work:** Determination of activity of  $\delta$ -aminolevulinic acid dehydratase in bivalves collected from the coast of Huelva, SW Spain  
**Name of the conference:** XIII Seminario Iberico Quimica Marinha  
**Type of participation:** 'Participatory - poster  
**Date of event:** 2006  
Kalman; J.; Riba I; Blasco J; DelValls TA.
- 190** **Title of the work:** Development of a spiked sediment ecotoxicity test using the benthic microalgae *Cylindrotheca closterium*  
**Name of the conference:** SETAC North America 27th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Montreal, Canada  
**Date of event:** 2006  
Mauffret A; Moreno-Garrido I; Temara A; Blasco J.
- 191** **Title of the work:** Early life stages of Senegal Sole (*Solea senegalensis*) as tool for marine environmental risk assessment: a histopathologic approach  
**Name of the conference:** XIII Seminario Iberico Quimica Marinha  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa,  
**Date of event:** 2006  
Hampel M; Ortiz-Delgado JB; Blasco J.
- 192** **Title of the work:** Persistency assessment in marine environments: A biodegradation test battery with LAS as model compound  
**Name of the conference:** SETAC North America 27th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Montreal, Canada  
**Date of event:** 2006  
Mauffret A; Rottiers A; Federle T; Blasco J; Hampel M; Temara A.
- 193** **Title of the work:** Persistency assessment in marine environments: A biodegradation test battery with LAS as surfactant model compound  
**Name of the conference:** SETAC Europe 16th Annual Meeting  
**City of event:** The Hague, Holland  
**Date of event:** 2006  
Mauffret A; Rottiers A; Federle T; Blasco J; Hampel M; Temara A.
- 194** **Title of the work:** Biodegradation of Linear Alkylbenzene Sulphonate by a Marine Biofilm  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Mauffret A. Rottiers A; Federle T; Hampel M; Blasco J; Mathijs E; Temara A.



- 195** **Title of the work:** Derivation of predicted no effect concentrations (PNEC) for marine environmental risk assessment: Application of different approaches to the model contaminant linear alkylbenzene sulphonate (LAS) in a site specific environment  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Hampel M; González-Mazo E; Vale C; Blasco J.
- 196** **Title of the work:** Ecological risk assessment in coastal environments (RISICO Project: Risk Assessment of surfactants in coastal environments)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Rico A; Jalba A; Mauffret A; Renaud F; Eyleters M; Warnau M; Hermens J; Blasco J; Mathijs E; Temara A.
- 197** **Title of the work:** Environmental levels of linear alkylbenzene sulphonates (LAS) in sediments from the Tagus estuary (Portugal)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Hampel M; Canario J; Vale C; Blasco J.
- 198** **Title of the work:** Evaluation of organochlorine contaminants in sediments from aquatic ecosystems of high ecological value (Cadiz Bay, SW Iberian Peninsula)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Fernández MA; Campana O; Blasco J; Jiménez B.
- 199** **Title of the work:** Localization of metals in the peppery furrow shell *Scrobicularia plana* (Bivalvia, Veneroidea): an anatomic-histological study  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Cargnin-Ferreira E; López C; Cabrera A; Blasco J; Sarasquete C.
- 200** **Title of the work:** Metallothionein levels in liver and blood of *Sparus aurata* as biomarker to cadmium intoxication  
**Name of the conference:** PRIMO 13 Pollutant response in marine organisms”  
**Type of participation:** 'Participatory - poster  
**City of event:** Alessandria, Italy  
**Date of event:** 2005  
Kalman J; I Riba; J. Blasco; A DelValls.
- 201** **Title of the work:** Niveles de metalotioneínas como biomarcadores de contaminación en coquinas de fango del PN de Doñana  
**Name of the conference:** XVI Congreso Esp  
**City of event:** Cáceres,  
**Date of event:** 2005  
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.



- 202** **Title of the work:** Niveles de metalotioneínas por RP-HPLC acoplado a la detección fluorescente en coquinas de fango en la zona del PN de Doñana con distinto grado de contaminación por metales  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.
- 203** **Title of the work:** Recovery of a coastal ecosystem, the Sancti-Petri channel: an integrative approach on benthos as key environmental compartment  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Blasco J, Drake P, Solé M, Arias AM, Sarasquete C, Lubián LM; Moreno-Garrido I, Campana O, Jimenez B, Gómez Ariza JL, Cargnin-Ferreira E.
- 204** **Title of the work:** Seasonal variation of metal concentrations and metallothionein levels in the mollusc, *Crassostrea angulata* from Guadalquivir estuary (SW Iberian Peninsula)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Trombini C; Campana O; Fabbri E; Blasco J.
- 205** **Title of the work:** Sediment toxicity of linear alkylbenzene sulfonate (LAS) using the amphipod *Corophium volutator*  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Riba I; Blasco J.
- 206** **Title of the work:** Sediment toxicity tests involving immobilized microalgae (*Phaeodactylum tricornutum* Bohlin)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Moreno-Garrido I; Muñoz-Luque JL; Lubián LM; Blasco J.
- 207** **Title of the work:** Spatial distribution of AVS and SEM in surficial sediment of Guadalete estuary (SW Spain)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Campana O; Rodríguez A; Blasco J.
- 208** **Title of the work:** Spatial distribution of metal in surficial sediment of Guadalete estuary (SW Spain)  
**Name of the conference:** CICTA 2005  
**City of event:** Cádiz,  
**Date of event:** 2005  
Campana O; Rodríguez A; Blasco J.
- 209** **Title of the work:** The use of metallothionein concentrations in a kinetic approach for sediment monitoring in Spanish ports  
**Name of the conference:** CICTA 2005



**City of event:** Cádiz,  
**Date of event:** 2005  
Martín-Díaz ML; Kalman J; Riba I; Blasco J; Del Valls A.

- 210** **Title of the work:** Bioavailability of sediment sorbed Linear Alkylbenzene Sulfonates (LAS) in sediments with different organic matter load.  
**Name of the conference:** 3rd European Sediment Research Network (SedNet) Workshop, Monitoring sediment quality at river basin scale.  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa,  
**Date of event:** 2004  
Hampel M; González-Mazo E; Blasco J.
- 211** **Title of the work:** Calcium-alginate immobilized marine microalgae: experiments on growth and short-term heavy metal accumulation.  
**Name of the conference:** 4th Internacional Conference on Marine Pollution and Ecotoxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Hong-Kong,  
**Date of event:** 2004  
Moreno-Garrido; Campana O; Lubián; LM. Blasco; J.
- 212** **Title of the work:** Calidad ambiental y su efecto sobre la población de Scrobicularia plana en un ecosistema costero: bahía de Cádiz (SO. De España)  
**Name of the conference:** VIII Congreso Brasileiro de Ecotoxicologia  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2004  
Cargnin-Ferreira E; Drake P; Blasco J; Sarasquete C.
- 213** **Title of the work:** Desarrollo y validación de un nuevo método para la determinación de metalotioneínas en dos especies de bivalvos como biomarcador de contaminación por metales  
**Name of the conference:** Reunión de grupos de investigación que evalúan la contaminación potencial de Doñana por metales y plaguicidas  
**City of event:** Sevilla, Spain  
**Date of event:** 2004  
Alhama-Carmona J; Romero-Ruiz A; Blasco J; López-Barea J.
- 214** **Title of the work:** Efecto tóxico de tensioactivos aniónicos y no iónicos sobre la almeja Ruditapes philippinarum  
**Name of the conference:** XII Seminario Ibérico de Química Marina  
**City of event:** La Coruña,  
**Date of event:** 2004  
Alvárez-Muñoz D; Sáez M; Blasco J; Gómez-Parra A; González-Mazo E.
- 215** **Title of the work:** Evaluation of metal sediment toxicity of guadalete estuary (SW Iberian Peninsula) using bioassay and sediment spiking approaches to determine bioaccumulation-toxicity relationships for the intertidal gastropod Hydrobia ulvae  
**Name of the conference:** 4th Internacional Conference on Marine Pollution and Ecotoxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Hong-Kong,  
**Date of event:** 2004  
Campana; O.; Rodríguez; A. Blasco; J.



- 216** **Title of the work:** Evaluation of the suitability of assessment factor approach and equilibrium partitioning method for PNEC sediment derivation. A case study: linear alkylbenzene sulfonates in a littoral ecosystem  
**Name of the conference:** 4th Internacional Conference on Marine Pollution and Ecotoxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Hong-Kong,  
**Date of event:** 2004  
Hampel; M.; Campana O. Blasco; J.
- 217** **Title of the work:** Spiked sediment toxicity test with the mudsnail *Hydrobia ulvae* for the evaluation of the effects of sediment sorbed commercial linear alkylbenzene sulphonate (LAS)  
**Name of the conference:** CESIO 2004  
**Type of participation:** 'Participatory - poster  
**City of event:** Berlin, Germany  
**Date of event:** 2004  
Hampel M; González-Mazo E; Berna JL; Blasco J.
- 218** **Title of the work:** The *Uca tangeri* as a bioindicator of the health ecosystem  
**Name of the conference:** 3rd Brazilian Crustacean Congress & 2004 The Crustacean Society Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Florianópolis, Brazil  
**Date of event:** 2004  
Cargnin-Ferreira E; López J; Blasco J; Sarasquete C.
- 219** **Title of the work:** Toxicity of sediment sorbed linear alkylbenzene sulphonates (LAS) on juvenile *Solea senegalensis*: a histological approach  
**Name of the conference:** CESIO 2004  
**Type of participation:** 'Participatory - poster  
**City of event:** Berlin, Germany  
**Date of event:** 2004  
Hampel; M.; Blasco; J.
- 220** **Title of the work:** Adverse effects of heavy metal contamination from Guadiamar River alter minino spill (SW, Spain): Biomarkers, Bioaccumulation and Histopathology  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
DelValls TA; Blasco J; Tuberty SR; McKenney CL Jr; Gonzalez de Canales ML; Sales D.
- 221** **Title of the work:** Biomarkers of pollution in two invertebrates species from a littoral ecosystem in the Cadiz bay (SW Spain)  
**Name of the conference:** 12th Internacional Symposium. PRIMO  
**City of event:** Florida.,  
**Date of event:** 2003  
Pérez E; Blasco J; Solé M.
- 222** **Title of the work:** Comparison of liquid phase and whole sediment bioassay to characterise dredging material from Spanish ports  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster



**City of event:** Hamburg, Germany

**Date of event:** 2003

Del Valls TA; Casado-Martínez MC; Buceta JL; Iacondini A; Riba I; Blasco J; Forja JM.

- 223** **Title of the work:** Efecto del accidente minero de Aznalcóllar sobre los organismos del estuario del Guadalquivir.  
**Name of the conference:** Jornadas sobre la Restauración del Río Guadiamar  
**Type of participation:** 'Participatory - poster  
**City of event:** Sevilla,  
**Date of event:** 2003  
Blasco J; Saenz V; Arias AM.
- 224** **Title of the work:** Effects of the heavy metals bound to sediments affected by a mining spill using *Solea senegalensis* and *Scrobicularia plana*  
**Name of the conference:** 12th Internacional Symposium. PRIMO  
**City of event:** Florida.,  
**Date of event:** 2003  
Riba; I.; Casado-Martínez; M.C.; Blasco; J.; DelValls; T.A.
- 225** **Title of the work:** Evaluation of dredging material toxicity in Spanish ports using female *Carcinus maenas*  
**Name of the conference:** Internacional Conference on Remediation of Contaminated Sediments  
**Type of participation:** 'Participatory - poster  
**City of event:** Venecia, Italy  
**Date of event:** 2003  
DelValls A; Martín-Díaz ML; Blasco J; Sales D.
- 226** **Title of the work:** Metal contamination risk assessment in southern Iberian humid zones  
**Name of the conference:** CICTA2003  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal  
**Date of event:** 2003  
Blasco J; Bebianno MJ.
- 227** **Title of the work:** Metallothionein levels and heavy metals in early life stages of the flatfish, *Solea senegalensis*  
**Name of the conference:** CICTA2003  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal  
**Date of event:** 2003  
Fernández-Díaz C; Cañavate; JP; Yúfera M; Blasco; J.
- 228** **Title of the work:** Metallothionein quantification by RP-HPLC coupled to fluorescent detection  
**Name of the conference:** ESCBP 2003. Biological effects of pollutants: The role of environmental proteomics and genomics  
**Type of participation:** 'Participatory - poster  
**City of event:** Alessandria, Italy  
**Date of event:** 2003  
López-Barea; J; . Alhama J.; Blasco; J.; Romero; A.





- 229** **Title of the work:** Microphytobenthos toxicity bioassays involving estuarine sediments (Aveiro Lagoon Portugal)  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
Moreno-Garrido I; Lubian LM; Soares AMVM; Blasco J.
- 230** **Title of the work:** Phytoplankton toxicity bioassays involving Linear Alkylbenzene Sulphonates (LAS) and mixed microalgal populations:a flor cytometry approach  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
Lubian LM; Moreno-Garrido I; Blasco J.
- 231** **Title of the work:** Risk assessment of metal contamination in European southwest Atlantic wetlands  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
Blasco J; Bebianno M.
- 232** **Title of the work:** Screening growth of calcium alginate immobilised marine microalgae  
**Name of the conference:** CICTA2003  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal  
**Date of event:** 2003  
Moreno-Garrido; I.; Campana; O.; Lubián; L.M. Blasco; J.
- 233** **Title of the work:** Sediment toxicity testing: Is the mudsnail *Hydrobia ulvae* a suitable candidate for LAS spiked sediment toxicity assessment?  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
Hampel M; Moreno-Garrido I; Gonzalez-Mazo E; Blasco J.
- 234** **Title of the work:** Situación actual tras el seguimiento de los efectos del vertido minero en el medio físico y los organismos del estuario del Guadalquivir  
**Name of the conference:** Jornadas sobre la Restauración del Río Guadiamar  
**City of event:** Sevilla,  
**Date of event:** 2003  
Blasco J; Gómez-Parra A.
- 235** **Title of the work:** Study of the relationship between macrobenthic community and heavy metal gradient pollution along estuary of Guadalete river  
**Name of the conference:** CICTA2003  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal  
**Date of event:** 2003



Campana; O.; Lopez; J.; Drake; P.; Rodriguez; A. and J. Blasco.

- 236** **Title of the work:** The quota effect in microalgal toxicity tests: Flow cytometry  
**Name of the conference:** 13th Annual Meeting SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Hamburg, Germany  
**Date of event:** 2003  
Moreno-Garrido I; Blasco J; Lubián LM.
- 237** **Title of the work:** Aplicaciones de citometría de flujo en ensayos de toxicidad con nanoplancton  
**Name of the conference:** . XI Seminario de Química Marina  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Lubián LM; Moreno-Garrido I; Blasco J.
- 238** **Title of the work:** Bioensayos de toxicidad de sedimentos sobre la diatomea bentónica marina  
*Cylindrotheca closterium* (Ehremberg) Lewin & Reinman  
**Name of the conference:** . XI Seminario de Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Moreno-Garrido I; Lubian LM; Blasco J.
- 239** **Title of the work:** Contaminación por metales pesados en *Crassostrea angulata*: efectos histopatológicos  
**Name of the conference:** . XI Seminario de Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Gonzalez-Canales ML; Jiménez N; Ramírez MO; Blasco J; Sarasquete C.
- 240** **Title of the work:** El Evaluación de la biodisponibilidad de metales en el estuario del río Guadalete.  
Implicaciones en la evaluación de riesgo ambiental  
**Name of the conference:** . XI Seminario de Química Marina  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Campana O; Blasco J.
- 241** **Title of the work:** El accidente minero de Aznalcóllar. Su impacto en el ecosistema estuárico  
**Name of the conference:** . XI Seminario de Química Marina  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Blasco J.
- 242** **Title of the work:** Evaluación de la calidad ambiental en ecosistemas costeros  
**Name of the conference:** Workshop España-Italia para la coordinación de la investigación en el ámbito de las Ciencias Marinas  
**City of event:** Madrid,  
**Date of event:** 2002  
Blasco; J.



- 243** **Title of the work:** Histopatología y metales pesados en Scrobicularia plana del estuario del Guadalquivir  
**Name of the conference:** . XI Seminario de Química Marina  
**Type of participation:** 'Participatory - poster  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Gonzalez-Canales ML; Jiménez N; Ramírez MO; Blasco J; Sarasquete C.
- 244** **Title of the work:** Marine Microalgae and Early Life Stages of Seabream (*Sparus aurata*) as Tools for Marine Environmental Risk Assessment  
**Name of the conference:** . AMEBA Policy Forum  
**Type of participation:** 'Participatory - poster  
**City of event:** Javea, Spain  
**Date of event:** 2002  
Blasco J; Hampel M; Moreno-Garrido I.
- 245** **Title of the work:** Short term toxicity test about the effects of sediment sorbed comercial Linear Alkylbenzene Sulphonate (LAS) on survival of the mudsnail *Hydrobia ulvae*  
**Name of the conference:** . XI Seminario de Química Marina  
**City of event:** Faro, Portugal  
**Date of event:** 2002  
Hampel M; Moreno-Garrido I; Blasco J.
- 246** **Title of the work:** Toxicokinetic of heavy metals after the Aznalcóllar mining spill using *Ruditapes philippinarum*.  
**Name of the conference:** . SETAC Europe 12th Annual Meeting  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 2002  
.Martín-Díaz ML; Blasco J; González de Canales ML; Sales D; DelValls A.
- 247** **Title of the work:** Acute toxicity of homologues of linear alkylbenzene sulphonates (LAS C10 to C14) anmd comercial LAS on survival of seabream (*Sparus aurata*) larvae  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Hampel M; Moreno-Garrido I; Blasco J.
- 248** **Title of the work:** Bioaccumulation and toxicity Zn, Cd and Cu from mining spill using the shore crab *Carcinus maenas*  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Martín-Díaz ML; Villena-Lincoln A; Bamber S; Blasco J; Sales D; DelValls A.
- 249** **Title of the work:** Evaluation of pollution in the Guadalquivir River estuary. Biomarker approach  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001



. Blasco J; Hampel M; Moreno-Garrido I; Arias AM.

- 250** **Title of the work:** Histopathological effects in marine animals from Guadalquivir estuary after Aznalcollar mining spill  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. González de Canales ML; Tenorio N; Ortiz-Delgado JB; Blasco J; Arias A.M.; Gómez-Parra A; DelValls TA.
- 251** **Title of the work:** Is *Scorbicularia plana* a useful biomonitor of contamination and pollution sediment by heavy metals in the Guadalquivir estuary?  
**Name of the conference:** . 4º Congreso Ibérico y 1er Congreso Iberoamericano de Contaminación y Toxicología Ambiental  
**City of event:** Madrid,  
**Date of event:** 2001  
. Gonzalez R; Hampel M; Blasco J.
- 252** **Title of the work:** Lead effect on  $\alpha$ -aminolevulinic acid dehydratase in *Halobatrachus didactylus*  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Campana O; Sarasquete C; Blasco J.
- 253** **Title of the work:** Temporal trends in the levels of heavy metal contamination in the species of the Guadalquivir River estuary after the Aznalcollar accident  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Blasco J; Arias AM; Saenz V; Ransome T.
- 254** **Title of the work:** The use of benthic marine microalgae in sediment toxicity test. A novel approach  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Moreno-Garrido I; Lubián LM; Blasco J.
- 255** **Title of the work:** Toxicity of Zn, Cd and Cu from Aznalcóllar mining spill with the shore. crab *Carcinus maenas* using Vitellogenin/Vitellin, Metallothioneins and Bioaccumulation like indicators  
**Name of the conference:** Biomarkers of Environmental Contamination  
**Type of participation:** 'Participatory - poster  
**City of event:** Oporto, Portugal,  
**Date of event:** 2001  
Martín Díaz ML.; Villena Lincoln A.; Bamber S.; Blasco; J.; Sales D. and Del Valls TA.
- 256** **Title of the work:** Using a flow-trough system for the evaluation of linear alkylbenzene sulfonate toxicity in the clam *Ruditapes philippinarum*  
**Name of the conference:** . 11th Annual Meeting of SETAC Europe



**Type of participation:** 'Participatory - poster  
**City of event:** Madrid,  
**Date of event:** 2001  
. Sáez M; Blasco J; Gómez-Parra A; González-Mazo E.

- 257** **Title of the work:** . Speciation of heavy metals in sediments of three ecosystems of Cádiz Gulf  
**Name of the conference:** Third SETAC World Congress.  
**Type of participation:** 'Participatory - poster  
**City of event:** Brighton,  
**Date of event:** 2000  
Blasco J; Sáenz V; Gómez-Parra; A.
- 258** **Title of the work:** . The oyster, *Crassostrea angulata*, as a bioindicator of heavy metal contamination in the Guadalquivir river estuary (1968-1998)  
**Name of the conference:** 3rd Iberian Congress of Environmental Contamination and Toxicology.  
**Type of participation:** 'Participatory - poster  
**City of event:** Faro, Portugal  
**Date of event:** 2000  
Blasco J; Sáenz V; Arias AM.
- 259** **Title of the work:** .Are recovery and restoration strategies necessary for the salt-marshes and estuaries of SW Spain?  
**Name of the conference:** Third SETAC World Congress.  
**City of event:** Brighton,  
**Date of event:** 2000  
Blasco J; Riba I; Sáenz V; Del Valls TA; Gómez-Parra; A.
- 260** **Title of the work:** .Heavy metals in *Squilla mantis* (Linnaeus, 1758) (Crustacea, Stomatopoda) collected from different areas of Cádiz Gulf  
**Name of the conference:** 3rd Iberian Congress of Environmental Contamination and Toxicology.  
**City of event:** Faro, Portugal  
**Date of event:** 2000  
Blasco J; Sáenz V; Arias AM.
- 261** **Title of the work:** Acute toxicity of LAS homologues in marine microalgae. Esterase activity and inhibition growth as endpoints of toxicity.  
**Name of the conference:** . 5th World Surfactant Congress  
**Type of participation:** 'Participatory - poster  
**City of event:** Florencia, Italy  
**Date of event:** 2000  
. Hampel M; Sobrino C; Lubián LM; Moreno-Garrido I; Blasco J.
- 262** **Title of the work:** Análisis de nutrientes en muestras estuáricas  
**Name of the conference:** X Seminario Ibérico Química Marina.  
**City of event:** Cádiz,  
**Date of event:** 2000  
Arjonilla M; Blasco J.
- 263** **Title of the work:** Cuantificación y alteraciones histopatológicas inducidas por cobre en ostión, *Crassostrea angulata* (Lamarck, 1822)  
**Name of the conference:** X Seminario Ibérico Química Marina.



**Type of participation:** 'Participatory - poster

**City of event:** Cádiz,

**Date of event:** 2000

Arellano J; Rodríguez de la Rúa A; González Canales ML; Blasco J; Sarasquete C.

**264 Title of the work:** Efecto del lineal alquilbenceno sulfonato sódico (LAS) sobre las enzimas antioxidantes en la glándula digestiva de la almeja *Ruditapes philippinarum* (Adams & Revé, 1850)

**Name of the conference:** X Seminario Ibérico Química Marina.

**Type of participation:** 'Participatory - poster

**City of event:** Cádiz,

**Date of event:** 2000

Hampel M; González R; Blasco J.

**265 Title of the work:** Effects of homologues of linear alkylbenzene sulphonates (LAS C10 to C14) on survival of embryos and larvae of seabream (*Sparus aurata*)

**Name of the conference:** .5th World Surfactant Congress

**Type of participation:** 'Participatory - poster

**City of event:** Florencia, Italy

**Date of event:** 2000

Hampel M; Ortiz JB; Sarasquete C; Moreno A; Blasco J.

**266 Title of the work:** Lead effect on *Halobatrachus didactylus* (Schneider, 1801): biochemical and histological response

**Name of the conference:** Third SETAC World Congress.

**Type of participation:** 'Participatory - poster

**City of event:** Brighton,

**Date of event:** 2000

Campana O; Sarasquete C; Blasco J.

**267 Title of the work:** . Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE).

**Name of the conference:** Annual Congress GDCh Surfactantchemistry.

**Type of participation:** 'Participatory - poster

**City of event:** Würzburg,

**Date of event:** 1999

Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Parra; A.; Ventura; F.; Moreno; A.; Blasco; J.

**268 Title of the work:** .Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE)

**Name of the conference:** EU-Workshop

**City of event:** Nancy,,

**Date of event:** 1998

Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Para; A.; Ventura; F.; Moreno; A.; Blasco; J.

**269 Title of the work:** Biomarkers.

**Name of the conference:** CICTA98IKTIK

**City of event:** Bilbao,

**Date of event:** 1998

Blasco; J.; M. J. Bebianno. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."



- 270** **Title of the work:** Copper accumulation and oxidative stress in *Solea senegalensis*  
**Name of the conference:** 8th Annual Meeting of SETAC-Europe. Interfaces in Environmental Chemistry and Toxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Burdeos,  
**Date of event:** 1998  
Blasco; J.; J. M. Arellano; A-. Navarro; M.J. Sánchez-DelPino; C. Sarasquete. "Abstracts of 8th Annual Meeting of SETAC-Europe".
- 271** **Title of the work:** Copper contamination and detoxification in *Halobatrachus didactylus*. Quantification and oxidative stress.  
**Name of the conference:** CICTA98IKTIK  
**City of event:** Bilbao,  
**Date of event:** 1998  
Arellano; J. M.; J. Blasco; D. Capeta-Da Silva; J. B. Ortíz; A. Navarro; M. J. Sánchez del Pino; C. Sarasquete. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."
- 272** **Title of the work:** Distribución de metales pesados en sedimentos de diferentes sistemas litorales del Golfo de Cádiz  
**Name of the conference:** IX Seminario de Química Marina  
**City of event:** Aveiro, Portugal  
**Date of event:** 1998  
Saenz; V.; J. Blasco; A. Gómez-Parra. "Resúmenes IX Seminario de Química Marina".
- 273** **Title of the work:** Distribución de metales pesados en sedimentos de diferentes sistemas litorales del Golfo de Cádiz  
**Name of the conference:** IX Seminario Ibérico de Química Marina PUBLICACIÓN. IX Seminario de Química Marina. Libro de Resúmenes  
**City of event:** Aveiro, Portugal  
**Date of event:** 1998  
Sáenz; V.; J. Blasco; A. Gómez-Parra.
- 274** **Title of the work:** Effect of linear alkylbenzene sulphonate (LAS) and heavy metals (Cu and Pb) in gills and digestive gland of *Scrobicularia plana*  
**Name of the conference:** CICTA98IKTIK  
**City of event:** Bilbao,  
**Date of event:** 1998  
Blasco; J.; E. González-Mazo; C. Sarasquete. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."
- 275** **Title of the work:** Flujos de metales a través de la interfase agua-sedimento en dos ecosistemas litorales del S.O. de la Península Ibérica  
**Name of the conference:** CICTA98IKTIK  
**City of event:** Bilbao,  
**Date of event:** 1998  
Blasco; J.; V. Saenz; A. Gómez-Parra. "Towards an integrative approach in environmental contamination and toxicology. Cuad. Inv. Biol."



- 276** **Title of the work:** Intercambio de N y P entre el sedimento y la columna de agua en el estuario del Odiel (Huelva)  
**Name of the conference:** IX Seminario Ibérico de Química Marina PUBLICACIÓN. IX Seminario de Química Marina. Libro de Resúmenes  
**City of event:** Aveiro, Portugal  
**Date of event:** 1998  
Rubio; J. A.; J. M. Forja; J. Blasco; A. Gómez-Parra.
- 277** **Title of the work:** Intercambio de N y P entre el sedimento y la columna de agua en el estuario del Odiel (Huelva)  
**Name of the conference:** IX Seminario de Química Marina  
**City of event:** Aveiro, Portugal  
**Date of event:** 1998  
Rubio; J.; Forja J. M.; Blasco; J.; A. Gómez-Parra. "Resúmenes IX Seminario de Química Marina".
- 278** **Title of the work:** Sediments: A dynamic compartments for heavy metals in estuarine and saltmarshes ecosystems  
**Name of the conference:** 1st Interdisciplinary Symposium on Estuarine Processes  
**City of event:** Faro, Portugal  
**Date of event:** 1998  
Blasco; J.; V. Saenz; A. Gómez-Parra. "Proceedings 1st Interdisciplinary Symposium on Estuarine Processes (SIPRES)".
- 279** **Title of the work:** Adsorción de Cd por sedimentos marinos costeros  
**Name of the conference:** 26ª Reunión Bienal de la Real Sociedad Española de Química  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 1997  
**Organising entity:** Real Sociedad Española de Química      **Type of entity:** Sociedad Científica  
Saenz V.; J. Blasco; A. Gómez-Parra. "Actas de la 26ª Reunión Bienal de la Real Sociedad Española de Química".
- 280** **Title of the work:** Distribución de metales pesados (Cu, Fe, Mn, Zn) en distintos órganos de las especies Solea senegalensis y Fundulus heteroclitus) pertenecientes a la región suratlántica de la Península Ibérica  
**Name of the conference:** 2º Congreso sobre el Margen Continental Ibérico Atlántico  
**Type of participation:** 'Participatory - poster  
**City of event:** Cádiz,  
**Date of event:** 1997  
Arellano; J. M.; J. B. Ortiz; D. Capeta da Silva; M. L. González de Canales; C. Sarasquete; J. Blasco. "Resúmenes 2º Congreso sobre el Margen Continental Ibérico Atlántico".
- 281** **Title of the work:** Priority surfactants and their toxic metabolites in waste effluent discharges: an integrated study (PRISTINE)  
**Name of the conference:** EU-Workshop  
**City of event:** Cranfield,,  
**Date of event:** 1997  
Knepper; T. P.; Barcelo D.; Schröder; H. F.; de Voogt P.; Gomez-Para; A.; Ventura; F.; Moreno; A.; Blasco; J..





- 282** **Title of the work:** Contaminación por metales pesados en sedimentos superficiales de la bahía de Cádiz  
**Name of the conference:** VIII Simposio de Química Marina  
**City of event:** Vigo,  
**Date of event:** 1996  
Blasco; J.; T. A.. DelValls; J. M. Forja; A. Gómez-Parra. "Resúmenes del VIII Simposio de Química Marina".
- 283** **Title of the work:** Efecto in vitro de metales pesados sobre las actividades fosfatásicas del molusco bivalvo *Scrobicularia plana*  
**Name of the conference:** VIII Simposio Ibérico de Química Marina  
**City of event:** Vigo,  
**Date of event:** 1996  
Mazorra; M. T.; J. A. Rubio; J. Blasco. "Resúmenes del VIII Simposio de Química Marina".
- 284** **Title of the work:** *Fundulus heteroclitus* (Linneo, 1785; Pisces, Ciprinodontidae) como bioindicador del impacto ambiental producido por la contaminación de Cu<sup>2+</sup> en el medio marino  
**Name of the conference:** Primera Reunión Nacional de Inmunología y Patología de Peces  
**Type of participation:** 'Participatory - poster  
**City of event:** Badajoz,  
**Date of event:** 1996  
Ortiz; J.; J. M. Arellano; J. Blasco; C. Sarasquete; M. L. González de Canales. "Actas de la I Reunión nacional de Inmunología y Patología de Peces".
- 285** **Title of the work:** Influencia del grado de confinamiento en la regeneración del fósforo en sistemas costeros  
**Name of the conference:** VIII Simposio Ibérico de Química Marina  
**City of event:** Vigo,  
**Date of event:** 1996  
Frutos; M. D.; J. Blasco; J. A. Rubio; A. Gómez-Parra. "Resúmenes del VIII Simposio de Química Marina".
- 286** **Title of the work:** Metallothionein as antioxidant agent in the digestive gland of marine mussels  
**Name of the conference:** International Workshop of Metallothionein  
**City of event:** Geel, Belgium,  
**Date of event:** 1996  
Viarengo; A.; J. Blasco; B. B. "Abstracts of International Workshop of Metallothionein". Available on-line at: <ando, E. Ponzano, A. Marro, M. Pertica>.
- 287** **Title of the work:** Acumulación de cobre por algas sometidas a dos tratamientos térmicos distintos  
**Name of the conference:** I Congreso Ibérico sobre Contaminación y Toxicología Ambiental  
**Type of participation:** 'Participatory - poster  
**City of event:** Coimbra, Portugal  
**Date of event:** 1995  
Moreno-Garrido; I.; J. Blasco; M. González del Valle; L. M. Lubián. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 288** **Title of the work:** Bioacumulación de Fe, Mn, Cu y Zn en peces de las marismas de la bahía de Cádiz  
**Name of the conference:** I Congreso Ibérico sobre Contaminación y Toxicología Ambiental  
**City of event:** Coimbra, Portugal  
**Date of event:** 1995  
Blasco; J.; J. A. Rubio; J. Forja; A. Gómez-Parra. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".



- 289** **Title of the work:** Determinación de la toxicidad de sedimentos marinos usando juveniles del pez Sparus aurata  
**Name of the conference:** : I Congreso Ibérico sobre Contaminación y Toxicología Ambiental  
**Type of participation:** 'Participatory - poster  
**City of event:** Coimbra, Portugal  
**Date of event:** 1995  
DelValls; T.A.; C. Sarasquete; J. M. Froja; J. Blasco; A. Gómez-Parra. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 290** **Title of the work:** Evaluación del impacto ambiental de vertidos residuales urbanos en una marisma litoral  
**Name of the conference:** I Congreso Ibérico sobre Contaminación y Toxicología Ambiental  
**Type of participation:** 'Participatory - poster  
**City of event:** Coimbra, Portugal  
**Date of event:** 1995  
Gómez-Parra; A.; E. González-Mazo; J. Blasco. "Resúmenes I Congreso Ibérico sobre Contaminación y Toxicología Ambiental".
- 291** **Title of the work:** Efecto de algunos metales sobre la actividad alanina aminotransferasa (AIAT) en el molusco bivalvo Ruditapes philippinarum. Cinética de inhibición  
**Name of the conference:** VII Seminario de Química Marina  
**City of event:** Puerto Real,  
**Date of event:** 1994  
Blasco; J.; J. Puppo. "Resúmenes VII Seminario Química Marina".
- 292** **Title of the work:** Heavy metals in organisms and sediments from Cadiz bay  
**Name of the conference:** Simposio Ibérico sobre el Margen Continental Atlántico  
**City of event:** Lisboa,  
**Date of event:** 1994  
Blasco; J.; T.A. del Valls; J. A. Rubio; M. Arjonilla; A. Gómez-Parra. "Gaia, 9:131-136 (1994)".
- 293** **Title of the work:** Impacto ambiental en vertidos urbanos en una marisma litoral del golfo de Cádiz  
**Name of the conference:** Simposio Ibérico sobre el Margen Continental Atlántico  
**City of event:** Lisboa,  
**Date of event:** 1994  
Gómez-Parra; A.; E. González-Mazo; J. Blasco. "Gaia, 9: 123-126 (1994)".
- 294** **Title of the work:** Influencia del alquilbenceno sulfonato lineal sobre algunas actividades enzimáticas en la almeja Ruditapes philippinarum  
**Name of the conference:** VII Seminario de Química Marina  
**City of event:** Puerto Real,  
**Date of event:** 1994  
Blasco; J.; C. Sarasquete; E. González-Mazo; A. Gómez-Parra. "Resúmenes VII Seminario Química Marina".
- 295** **Title of the work:** Seasonality of sediment toxicity in two littoral ecosystems of Cadiz Gulf (SW. Spain)  
**Name of the conference:** : 6th International Conference Environmental Contamination  
**Type of participation:** 'Participatory - poster  
**City of event:** Delphi, Greece  
**Date of event:** 1994  
DelValls; T. A.; J. Blasco; J. A. Rubio; J. M. Forja; A. Gómez-Parra. "Environmental Contamination 6th Inter. Conference".



- 296** **Title of the work:** Simulación de procesos en estuarios: Aplicaciones a la investigación y a la docencia en Oceanografía  
**Name of the conference:** VII Seminario de Química Marina  
**City of event:** Puerto Real,  
**Date of event:** 1994  
Gómez-Parra; A.; J. M. Forja; J. A. Rubio; J. Blasco; T. A. DelValls; E. González-Mazo; T. Ortega; V. León. "Resúmenes VII Seminario Química Marina".
- 297** **Title of the work:** Sublethal effects of linear alkylbenzenesulphonate (LAS) on two clams *Ruditapes philippinarum* and *Ruditapes decussatus*  
**Name of the conference:** 6th International Conference Environmental Contamination  
**Type of participation:** 'Participatory - poster  
**City of event:** Delphi, Greece  
**Date of event:** 1994  
Blasco; J.; C. Sarasquete; E. González-Mazo; T.A. DelValls; A. Gómez-Parra. "Environmental Contamination 6th Inter. Conference".
- 298** **Title of the work:** Acumulación y efectos hematológicos e histopatológicos en *Halobatrachus didactylus* y *Mugil auratus* contaminados con plomo  
**Name of the conference:** VI Seminario de Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1992  
Sarasquete; C.; J. Blasco; J. Puppo; A. Grau. "Resúmenes VI Seminario de Química Marina".
- 299** **Title of the work:** Acumulación y efectos histopatológicos del cobre en *Sparus aurata* y *Mugil auratus*  
**Name of the conference:** VI Seminario de Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1992  
Blasco; J.; C. Sarasquete; J. Puppo; M. L. González de Canales. "Resúmenes VI Seminario de Química Marina".
- 300** **Title of the work:** Caracterización parcial y efecto in vitro de los metales pesados sobre las actividades fosfatásicas ácida y alcalina en *Ruditapes decussatus* (Mollusca: Bivalvia)  
**Name of the conference:** VI Seminario de Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1992  
Puppo; J.; C. Sarasquete; M. L. González de Canales; J. Blasco. "Resúmenes VI Seminario Química Marina".
- 301** **Title of the work:** Effect of several metals on aspartate aminotransferase and acid and alkaline phosphatase activities in the clam *Ruditapes philippinarum*  
**Name of the conference:** 2nd European Conference on Ecotoxicology  
**Type of participation:** 'Participatory - poster  
**City of event:** Amsterdam,  
**Date of event:** 1992  
J. Blasco; J. Puppo. "Proceedings of 2nd European Conference on Ecotoxicology".
- 302** **Title of the work:** Incorporación de Cd y actividad aspartato aminotransferasa (AST) en dos moluscos bivalvos *Ruditapes decussatus* y *Ruditapes philippinarum*  
**Name of the conference:** VI Seminario de Química Marina  
**City of event:** Cádiz,



**Date of event:** 1992

Puppo; J.; J. Blasco. "Resúmenes VI Seminario Química Marina".

- 303 Title of the work:** Acid and alkaline phosphatase activities as biochemical indicator of heavy metal pollution in bivalve molluscs  
**Name of the conference:** 4th International Conference Environmental Contamination  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona,  
**Date of event:** 1990  
J. Blasco; J. Puppo; A. Gómez-Parra; J. M. Forja. "Proceedings of 4th International Environmental Contamination".
- 304 Title of the work:** Efectos bioquímicos de la contaminación por metales pesados  
**Name of the conference:** V Seminario de Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1990  
Blasco; J."V Seminario de Química Marina (J. López-Ruiz, A. Gómez-Parra, eds) Serv. Public. UCA, 13-44 (1991)".
- 305 Title of the work:** Partial characterization of glutamic oxalacetic transaminase from the clam *Ruditapes philippinarum* (Mollusca: Bivalvia)  
**Name of the conference:** 32th Congrès-Assemblée Plénière Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée  
**Type of participation:** 'Participatory - poster  
**City of event:** Perpignan,  
**Date of event:** 1990  
Puppo; J.; J. Blasco. "Rapport et Procès-verbaux des Réunions Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée".
- 306 Title of the work:** Phosphatase activity in Eustigmatophycean marine microalgae  
**Name of the conference:** 25th European Marine Biology Symposium (E.M.B.S.)  
**Type of participation:** 'Participatory - poster  
**City of event:** Ferrara,  
**Date of event:** 1990  
Lubián; L. M.; J. Blasco; R. Establier. "Abstracts of 25th E.M.B.S.".
- 307 Title of the work:** p-Nitrophenylphosphatase activity in marine microalgae *Tetraselmis suecica*  
**Name of the conference:** 32th Congrès-Assemblée Plénière Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée  
**Type of participation:** 'Participatory - poster  
**City of event:** Perpignan,  
**Date of event:** 1990  
Blasco; J.; L. M. Lubián; R. Establier. "Rapport et Procès-verbaux des Réunions Commission Internationale pour L'Exploration Scientifique de la Mer Méditerranée".
- 308 Title of the work:** Actividades fosfatásicas en las almejas *Venerupis decussata* y *Venerupis semidecussata*  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Blasco; J.; R. Establier. "Resúmenes de Comunicaciones".



- 309** **Title of the work:** Acumulación y efectos enzimáticos del cadmio en *Venerupis decussata* y *Venerupis semidecussata* procedentes de cultivos  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Establier; R.; J. Blasco; A. Gómez-Parra; J. Puppo. "Resúmenes de Comunicaciones".
- 310** **Title of the work:** Distribución de las actividades enzimáticas digestivas ( $\alpha$ -amilasa y proteasas) en diversos mugílidos.  
**Name of the conference:** IV Seminario de Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1988  
Blasco; J.; R. Establier; C. Sarasquete. "Actas IV Seminario Química Marina".
- 311** **Title of the work:** Emisión de heces y pseudoheces en las especies *Venerupis decussata* y *Venerupis semidecussata*: composición y contenido de pigmentos  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Establier; R.; J. Blasco; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 312** **Title of the work:** Evolución de las actividades enzimáticas relacionadas con el ciclo del S en esteros de las salinas de la bahía de Cádiz  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Blasco; J.; R. Establier; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 313** **Title of the work:** Evolución del fitoplancton en la bahía de Cádiz en el periodo 1967-1987  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Establier; R.; J. Blasco; L. M. Lubián; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 314** **Title of the work:** Evolución espacial y temporal de fitoplancton y nutrientes en salinas dedicadas al cultivo  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Frutos; M.; R. Establier; J. Blasco. "Resúmenes de Comunicaciones".
- 315** **Title of the work:** Excreción de compuestos nitrogenados por *V. decussata* y *V. semidecussata* procedentes de cultivo  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Establier; R.; J. Blasco. "Resúmenes de Comunicaciones".
- 316** **Title of the work:** Regeneración de nutrientes en ecosistemas litorales  
**Name of the conference:** IV Seminario Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1988



Gómez-Parra; A.; J. Blasco. "IV Seminario Química Marina".

- 317 Title of the work:** Relación entre el contenido de carbohidratos totales y de materia orgánica en sedimentos de zonas intermareales de la bahía de Cádiz  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Blasco; J.; R. Establier; A. Gómez-Parra. "Resúmenes de Comunicaciones".
- 318 Title of the work:** Variación espacial y temporal de la actividad fosfatásica en un estero de la bahía de Cádiz  
**Name of the conference:** II Simposio de Acuicultura de Esteros y Zonas Intermareales  
**City of event:** Cádiz,  
**Date of event:** 1988  
Frutos; M.; R. Establier; A. Gómez-Parra; J. Blasco. "Resúmenes de Comunicaciones".
- 319 Title of the work:** Estudio histoquímico de las fosfatasas ácida y alcalina en el aparato digestivo de Mugil auratus  
**Name of the conference:** I Congreso de la Federación Iberoamericana de Biología Molecular  
**City of event:** Barcelona,  
**Date of event:** 1987  
González de Canales; M. L.; C. Sarasquete; J. Blasco; M. Gutiérrez. "Resúmenes del I Congreso de la Federación Iberoamericana de Biología Molecular".
- 320 Title of the work:** Estudio histoquímico de carbohidratos y proteínas en el aparato digestivo de la anguilla Anguilla anguilla  
**Name of the conference:** IV Reunión de la Sociedad Española de Histoquímica  
**City of event:** Valencia, Spain  
**Date of event:** 1986  
González de Canales; M. L.; M. Gutiérrez; C. Sarasquete; J. Blasco. "Libro de Actas de la IV Reunión Española de la Sociedad Española de Histoquímica".
- 321 Title of the work:** Fosfatasas en el estómago y bazo de la dorada, Sparus aurata, L.  
**Name of the conference:** III Seminario Química Marina  
**City of event:** Cádiz,  
**Date of event:** 1986  
Blasco; J.; C. Sarasquete; R. Establier; M. Gutiérrez. "Actas del III Seminario Química Marina".
- 322 Title of the work:** Estudio bioquímico de la actividad fosfatásica del riñón de dorada Sparus aurata y su localización histoquímica  
**Name of the conference:** III Reunión de la Sociedad Española de Histoquímica  
**City of event:** Cádiz, Spain  
**Date of event:** 1984  
Blasco; J.; C. Sarasquete; M Gutiérrez; R. Establier. "Resúmenes".
- 323 Title of the work:** Acumulación y efectos hematológicos, histopatológicos y enzimáticos del Pb<sup>2+</sup> en la lisa Mugil auratus procedente de una salina de Cádiz  
**Name of the conference:** I Simposio Nacional de Acuicultura de Esteros  
**City of event:** Cádiz,  
**Date of event:** 1982  
Sarasquete; C.; M. Gutiérrez; R. Establier; J. Blasco. "Programa y Resúmenes".



- 324 Title of the work:** Contribución al estudio de las enzimas proteolíticas del aparato digestivo de especies cultivadas en las salinas  
**Name of the conference:** I Simposio Nacional de Acuicultura de Esteros  
**City of event:** Cádiz,  
**Date of event:** 1982  
 Blasco; J.; R. Establier; M. Gutiérrez; C. Sarasquete. "Programas y Resúmenes".

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1 Committee title:** Comisión Expertos MINEICO. Evaluación de Proyectos  
**Affiliation entity:** Ministerio de Economía, Innovación y Competitividad  
**Start-End date:** 2017 - 2017
- 2 Committee title:** Comisión de Expertos del MEC evaluación proyectos PN  
**Affiliation entity:** MINISTERIO DE EDUCACION Y CIENCIA  
**City affiliation entity:** Madrid,  
**Start-End date:** 2007 - 2007
- 3 Committee title:** SETAC Europe Council member  
**Affiliation entity:** SETAC  
**City affiliation entity:** Brussels, Belgium  
**Start date:** 2017
- 4 Committee title:** Consejo Nacional de Seguridad Marítima-Grupo de trabajo 4- Contaminación y vertidos marinos  
**Affiliation entity:** Ministerio de Agricultura y Medio Ambiente-MAGRAMA  
**City affiliation entity:** Spain  
**Start date:** 15/05/2014
- 5 Committee title:** Jurado Premios CEPRECO 2008  
**Geographical area:** National  
**Affiliation entity:** Ministerio de Medio Ambiente, Medio Rural y Marino  
**City affiliation entity:** Madrid, Spain

### Organization of R&D activities

- 1 Title of the activity:** Congreso ISMS-Seminario Química Marina  
**Type of activity:** Comité Científico  
**Convening entity:** Universidade de Vigo **Type of entity:** University  
**City convening entity:** Vigo,  
**Start-End date:** 2018 - 2018
- 2 Title of the activity:** Congreso Iberoamericano de Contaminación y Toxicología Ambiental  
**Type of activity:** Comité Científico **Geographical area:** Non EU International  
**Convening entity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental  
**City convening entity:** Madrid,  
**Start-End date:** 2018 - 2018



- 3** **Title of the activity:** Congreso Internacional NET-SCARCE  
**Type of activity:** Comité Científico  
**Convening entity:** INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA **Type of entity:** State agency  
**City convening entity:** Barcelona, Spain  
**Start-End date:** 15/11/2016 - 16/11/2016
- 4** **Title of the activity:** 10th Iberian and 7th Iberoamerican Congress on Environmental Contamination and Toxicology  
**Type of activity:** Comité Científico **Geographical area:** European Union  
**Convening entity:** Universidad Tras Montes and alto Douro/SICTA  
**City convening entity:** Vila Real, Portugal  
**Start-End date:** 2015 - 2015
- 5** **Title of the activity:** 2nd Marine NanoEcoSafety workshop  
**Type of activity:** Congress-Scientific Committee **Geographical area:** European Union  
**Convening entity:** Consiglio Nazionale Ricerca-University of Siena  
**City convening entity:** Palermo, Italy  
**Type of participation:** Scientific Committee  
**Start-End date:** 17/11/2014 - 18/11/2014
- 6** **Title of the activity:** XVII Seminario Ibérico Química Marina  
**Type of activity:** Miembro del Comité Científico **Geographical area:** Non EU International  
**Convening entity:** Universidad de las Palmas de Gran Canaria  
**City convening entity:** Las Palmas de Gran Canaria, Spain  
**Start-End date:** 11/06/2014 - 13/06/2014
- 7** **Title of the activity:** XVII Seminario Ibérico Química Marina  
**Type of activity:** Miembro del Comité Organizador **Geographical area:** Non EU International  
**Convening entity:** Universidad de las Palmas de Gran Canaria  
**City convening entity:** Las Palmas de Gran Canaria, Spain  
**Start-End date:** 11/06/2014 - 13/06/2014
- 8** **Title of the activity:** 4th SCARCE International Conference "Towards a better understanding of the links between stressors, hazard assessment and ecosystem services under water scarcity  
**Type of activity:** Congreso Internacional **Geographical area:** European Union  
**Convening entity:** Instituto de Ciencias Marinas de Andalucía e IDAEA  
**City convening entity:** Cádiz, Spain  
**Type of participation:** Organiser  
**Nº assistants:** 100  
**Start-End date:** 25/11/2013 - 26/11/2013
- 9** **Title of the activity:** Economics for Water Ecosystem Management  
**Type of activity:** Curso Avanzado **Geographical area:** National  
**Convening entity:** Proyecto Consolider Ingenio SCARCE  
**City convening entity:** Sevilla,  
**Type of participation:** Organiser  
**Start-End date:** 19/05/2011 - 21/05/2011





- 10 Title of the activity:** CICTA 2010  
**Type of activity:** Congreso **Geographical area:** Non EU International  
**Convening entity:** SICTA y Universidad Heredia  
**City convening entity:** Heredia, Costa Rica  
**Type of participation:** Comité Científico  
**Start-End date:** 2010 - 2010
- 11 Title of the activity:** XV Seminario Ibérico Química Marina  
**Type of activity:** Congreso **Geographical area:** Ibérico  
**Convening entity:** Instituto Investigaciones Marinas (CSIC)  
**City convening entity:** Vigo,  
**Type of participation:** Comité Científico  
**Start-End date:** 2010 - 2010
- 12 Title of the activity:** CICTA 2008  
**Type of activity:** Congreso **Geographical area:** Non EU International  
**Convening entity:** Universidad Lisboa  
**City convening entity:** Lisboa, Portugal  
**Type of participation:** Comité Científico  
**Start-End date:** 2008 - 2008
- 13 Title of the activity:** XIV Seminario Ibérico de Química Marina  
**Type of activity:** Congreso **Geographical area:** Península Ibérica  
**City of event:** Cádiz,  
**Convening entity:** Universidad de Cádiz y CSIC  
**Type of participation:** Organiser  
**N° assistants:** 100  
**Start-End date:** 2008 - 2008
- 14 Title of the activity:** 14th International Symposium Pollutant Response in Marine Organisms  
**Type of activity:** Congreso **Geographical area:** Non EU International  
**Convening entity:** Universidad de Florianopolis  
**City convening entity:** Florianopolis, Brazil  
**Type of participation:** Comité Científico  
**Start-End date:** 2007 - 2007
- 15 Title of the activity:** 6º Congreso Ibérico y 3º Iberoamericano de Contaminación y Toxicología Ambiental CICTA 2005  
**Type of activity:** Congreso Internacional **Geographical area:** Non EU International  
**Convening entity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental  
**City convening entity:** Cádiz, Spain  
**Type of participation:** Chairman  
**N° assistants:** 300  
**Start-End date:** 25/09/2005 - 28/05/2005
- 16 Title of the activity:** XI Seminario Ibérico Química Marina  
**Type of activity:** Congreso **Geographical area:** Ibérico  
**Convening entity:** SICTA y Universidad de Algarve  
**City convening entity:** Faro, Portugal  
**Type of participation:** Comité Científico  
**Start-End date:** 2002 - 2002



- 17** **Title of the activity:** 4º Congreso y 1º Iberoamericano de Contaminación y Toxicología Ambiental  
**Type of activity:** Congreso **Geographical area:** Non EU International  
**Convening entity:** SICTA e INIA  
**City convening entity:** Madrid,  
**Type of participation:** Comité Científico  
**Start-End date:** 2001 - 2001
- 18** **Title of the activity:** Effect assessment in marshland and areas of high ecological value. The Aznalcollar accident. Case study  
**Type of activity:** Symposium **Geographical area:** Non EU International  
**City convening entity:** Madrid,  
**Type of participation:** Organiser  
**Start-End date:** 2001 - 2001
- 19** **Title of the activity:** 3er Congreso Ibérico de Contaminación y Toxicología Ambiental  
**Type of activity:** Congreso **Geographical area:** Ibérica  
**Convening entity:** Sociedad Ibérica de Contaminación y Toxicología Ambiental  
**City convening entity:** Faro, Portugal  
**Type of participation:** Comité Científico  
**Start-End date:** 2000 - 2000
- 20** **Title of the activity:** X Seminario Ibérico de Química Marina  
**Type of activity:** Congreso **Geographical area:** Ibérico  
**Convening entity:** Universidad de Cádiz y CSIC  
**City convening entity:** Cádiz,  
**Type of participation:** Organiser  
**Start-End date:** 2000 - 2000
- 21** **Title of the activity:** Biomarkers  
**Type of activity:** Workshop **Geographical area:** Ibérico  
**Convening entity:** 2º Congreso Ibérico de Contaminación y Toxicología Ambiental  
**City convening entity:** Bilbao,  
**Start-End date:** 1998 - 1998
- 22** **Title of the activity:** 30th ESCPB Congress  
**Type of activity:** Comité Científico **Geographical area:** European Union  
**Convening entity:** European Society Comparative Biochemistry and Physiology  
**City convening entity:** Barcelona, Catalonia, Spain  
**Start date:** 2016
- 23** **Title of the activity:** XVIII Seminario Ibérico de Química Marina  
**Type of activity:** Comité Organizador **Geographical area:** European Union  
**Convening entity:** Universidad de Alicante  
**City convening entity:** Alicante, Valencian Community, Spain  
**Start date:** 2016
- 24** **Title of the activity:** Aquatic Nanotoxicology: from freshwater to seawater-overcoming the difficulties of standard toxicity tests and the implications for higher toxicity testing  
**Type of activity:** Special Session 25th SETAC Congress **Geographical area:** European Union



**City of event:** Barcelona,  
**Convening entity:** SETAC-Europe  
**City convening entity:** Barcelona, Spain  
**Type of participation:** Co-organizador  
**Start date:** 03/05/2015 **Duration:** 2 days

- 25** **Title of the activity:** Jornada Proyecto Consolider SCARCE-Agencia Vasca del Agua  
**Type of activity:** Jornada Científica  
**Convening entity:** Proyecto Consolider-Ingenio SCARCE-Agencia Vasca del Agua  
**City convening entity:** Vitoria,  
**Start date:** 21/07/2013
- 26** **Title of the activity:** Jornada Proyecto Consolider SCARCE-Confederación Hidrográfica del Ebro  
**Type of activity:** Jornada Científica  
**Convening entity:** Proyecto Consolider-Ingenio SCARCE-Confederación Hidrográfica del Ebro  
**City convening entity:** Zaragoza,  
**Type of participation:** Organiser  
**Start date:** 20/07/2013

## R&D management

- 1** **Name of the activity:** Plan Estratégico de la Universidad de Cádiz  
**Performed tasks:** Participación área Investigación  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Start date:** 15/09/2014
- 2** **Name of the activity:** Grupo de Investigación Ecotoxicology, Ecophysiology and Biodiversity of Aquatic Systems  
**Type of management:** Group management  
**Performed tasks:** Responsable  
**Entity:** ICMAN-CSIC  
**Start date:** 03/06/2013
- 3** **Name of the activity:** Comité de Bioética  
**Type of management:** Comité Bioética  
**Performed tasks:** Vicepresidente  
**Entity:** Instituto de Ciencias Marinas de Andalucía **Type of entity:** State agency  
**Start date:** 2010 **Duration:** 5 years
- 4** **Name of the activity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental  
**Type of management:** Management of body  
**Performed tasks:** Vicepresidente  
**Start date:** 2005 **Duration:** 2 years - 7 months
- 5** **Name of the activity:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental  
**Type of management:** Management of body  
**Performed tasks:** Presidente  
**Start date:** 2003 **Duration:** 2 years



- 6 Name of the activity:** Grupo de investigación del Plan Andaluz RNM306  
**Type of management:** Group management  
**Performed tasks:** Responsable  
**Entity:** Instituto Ciencias Marinas de Andalucía  
**Start date:** 2000

## Evaluation and revision of R&D projects and articles

- 1 Name of the activity:** Evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** Research Grants Council Hong-Kong  
**Start-End date:** 2017 - 2018
- 2 Name of the activity:** Evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** FWO-Research Foundation Flanders  
**City of entity:** Belgium,  
**Start-End date:** 2017 - 2018
- 3 Performed tasks:** Evaluador proyectos  
**Entity where activity was carried out:** NRC-UK  
**Start-End date:** 2015 - 2018
- 4 Name of the activity:** Environmental Toxicology and Chemistry  
**Performed tasks:** Editorial Board member-Miembro del Comité Editorial  
**Entity where activity was carried out:** Environmental Toxicology and Chemistry Journal  
**Start-End date:** 2014 - 2017
- 5 Name of the activity:** BONUS-Program Filand  
**Performed tasks:** Evaluador proyectos  
**Entity where activity was carried out:** Bonus-Program  
**City of entity:** Helsinki, Finland  
**Start-End date:** 2016 - 2016
- 6 Name of the activity:** Comité Editorial  
**Performed tasks:** Miembro del Comité Editorial  
**Entity where activity was carried out:** ISRN Toxicology  
**Start-End date:** 2013 - 2015
- 7 Name of the activity:** Editor Asociado Environmental Toxicology and Chemistry  
**Performed tasks:** Editor  
**Entity where activity was carried out:** Environmental Toxicology and Chemistry-Wiley  
**Start date:** 2018
- 8 Name of the activity:** Evaluador proyectos  
**Performed tasks:** Evaluacion de proyectos  
**Entity where activity was carried out:** Swiss National Foundation  
**City of entity:** Switzerland  
**Start date:** 2018



- 9** **Name of the activity:** Evaluador proyectos  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** Croatian Science Foundation (HRZZ)  
**Start date:** 2018
- 10** **Name of the activity:** Editor Asociado  
**Performed tasks:** Editor  
**Entity where activity was carried out:** PeerJ  
**Start date:** 2017
- 11** **Performed tasks:** Editorial Board  
**Entity where activity was carried out:** Science of the Total Environment Journal  
**Start date:** 2016
- 12** **Name of the activity:** Evaluación de proyectos FONDECYT  
**Performed tasks:** Evaluador proyectos  
**Entity where activity was carried out:** CONICYT  
**City of entity:** Chile  
**Start date:** 2016
- 13** **Name of the activity:** Miembro  
**Performed tasks:** Associate Editor  
**Entity where activity was carried out:** Frontiers in Marine Science Marine Pollution  
**Start date:** 2015
- 14** **Name of the activity:** editor  
**Performed tasks:** Associate Editor  
**Entity where activity was carried out:** Frontiers in Environmental Sciences  
**Start date:** 2015
- 15** **Name of the activity:** Marine Environmental Research  
**Performed tasks:** Editorial Board Member-Miembro del Comité editorial  
**Entity where activity was carried out:** Marine Environmental Research-Elsevier  
**Start date:** 01/12/2014
- 16** **Name of the activity:** Frontiers in Marine Science-Marine Biogeochemistry  
**Performed tasks:** Review Editorial Board  
**Entity where activity was carried out:** Frontiers in Marine Science-Marine Biogeochemistry  
**Start date:** 2014
- 17** **Performed tasks:** Evaluación de proyectos  
**Entity where activity was carried out:** Fonds National de la Recherche Luxembourg  
**City of entity:** Luxembourg, Luxembourg  
**Start date:** 13/06/2013
- 18** **Name of the activity:** evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** ANR  
**City of entity:** France  
**Start date:** 2013  
**Type of entity:** State agency



- 19** **Name of the activity:** Editorial Board Environment International  
**Performed tasks:** Editorial board member-Miembro del Comité Editorial  
**Entity where activity was carried out:** Environment International-Elsevier  
**Start date:** 2006
- 20** **Name of the activity:** evaluador  
**Performed tasks:** Evaluacion proyectos  
**Entity where activity was carried out:** FONICYT  
**City of entity:** Argentina
- 21** **Name of the activity:** Evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** Agencia Nacional de Evaluación y Prospectiva  
**Type of entity:** Agencia Nacional
- 22** **Name of the activity:** evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** Royal Society
- 23** **Name of the activity:** evaluador  
**Performed tasks:** Evaluación proyectos  
**Entity where activity was carried out:** Plan Nacional Investigación Bélgica  
**City of entity:** Belgium
- 24** **Name of the activity:** Revisor  
**Performed tasks:** Revisión artículos  
**Entity where activity was carried out:** Wiley
- 25** **Name of the activity:** Revisor  
**Performed tasks:** Revisión artículos  
**Entity where activity was carried out:** Elsevier  
**Type of entity:** Business
- 26** **Name of the activity:** Revisor  
**Performed tasks:** Revisión artículos  
**Entity where activity was carried out:** Springer  
**Type of entity:** Business



## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Universidade Estadual Paulista Júlio de Mesquita Filho  
**Type of entity:** University  
**Faculty, institute or centre:** Câmpus de São José do Rio Preto  
**City of entity:** San Jose do Rio Preto, Brazil  
**Start-End date:** 01/10/2014 - 10/10/2014  
**Goals of the stay:** Guest  
**Provable tasks:** Impartición de curso
- 2** **Entity:** Istituto Fisiologia Generale (Università di Genova)  
**Type of entity:** University  
**City of entity:** Génova, Italy  
**Start date:** 1989  
**Duration:** 3 months  
**Name of programme:** metalotioneinas  
**Goals of the stay:** Guest  
**Provable tasks:** Identificación y cuantificación de metalotioneínas en moluscos bivalvos

### Scientific societies and professional associations

- 1** **Name of the society:** American Chemical Society  
**Start date:** 2005
- 2** **Name of the society:** Society Environmental Contamination and Toxicology  
**Start date:** 1998
- 3** **Name of the society:** Sociedad Iberoamericana de Contaminación y Toxicología Ambiental  
**Start date:** 1996

### Periods of research activity

**Nº of recognized periods:** 4  
**Certifying entity:** Comisión Nacional Evaluadora de la Actividad Investigadora  
**Date of recognition:** 2013



## Summary of other achievements

- 1** **Description of the achievement:** Editor Invitado Science Total Environment Marine Sciences: "A Multidisciplinary Approach to Global Change"  
**Accrediting entity:** Elsevier  
**Conferral date:** 2017
- 2** **Description of the achievement:** Editor Invitado Special Issue of Environmental Science and Pollution Research  
**Accrediting entity:** Springer  
**Conferral date:** 2015
- 3** **Description of the achievement:** Editor invitado Special Issue Marine Environmental Research  
**Accrediting entity:** Elsevier  
**Conferral date:** 2015
- 4** **Description of the achievement:** Editor invitado Science of the Total Environment "Towards a better understanding of the links between stressors, hazard assessment and ecosystem services"  
**Accrediting entity:** Elsevier  
**Conferral date:** 2014
- 5** **Description of the achievement:** Presencia como Scientist en el Essential Science Indicators Environment/Ecology  
**Accrediting entity:** ISI Web of Knowledge  
**Conferral date:** 2013
- 6** **Description of the achievement:** Conferencia invitada "Contamination in coastal ecosystems: old and new issues and some responses"  
**Accrediting entity:** Natural History Museum      **Type of entity:** Public Research Body  
**City accrediting entity:** London, United Kingdom  
**Conferral date:** 09/2011
- 7** **Description of the achievement:** Editor invitado Scientia Marina "Advances in Marine Chemistry"  
**Conferral date:** 2010
- 8** **Description of the achievement:** Editor invitado revista Ciencias Marinas publicacion número especial XI Seminario Ibérico Química Marina  
**Conferral date:** 2005
- 9** **Description of the achievement:** Conferencia invitada en la Facultad de Ciencias Biológicas Universidad Valencia "Impacto del accidente minero de Aznalcollar en el medio físico y los organismos del estuario del Guadalquivir"  
**Accrediting entity:** Universitat de València      **Type of entity:** University  
**City accrediting entity:** Valencia, Spain  
**Conferral date:** 2004
- 10** **Description of the achievement:** Editor invitado revista Ciencias Marinas publicacion número especial X Seminario Ibérico Química Marina  
**Conferral date:** 2003