

Curriculum Vitae

Personal information

Name and surname **Andrea Gori**
E-mail andrea.gori@unisalento.it
E-mail agori.mail@gmail.com
Nationality Italy
Date of birth 10 July 1979
Gender Male

Formal education

2011 Philosophy Doctor in Fundamental and Applied Ecology
Universitat de Barcelona (Barcelona, Spain), 5 September 2011
Title of the Ph.D. thesis:
The ecology of deep sublittoral populations of Mediterranean gorgonians
L'ecologia de les poblacions sublitorals profundes de les gorgònies mediterrànies

2011 University Expert in Statistics Applied to Health Sciences
Universidad Nacional de Educación a Distancia (Madrid, Spain), 16 September 2011

2005 Degree in Biology
Università Roma Tre (Roma, Italy), 20 May 2005
Title of the degree thesis:
Reproductive ecology of two species of gorgonians from the Western Mediterranean
Ecologia riproduttiva di due specie di gorgonie nel Mediterraneo Occidentale

Qualifications

2018 Abilitazione Scientifica Nazionale (Italy)
Associate Professor (Settore Concorsuale 05/C1 - Ecologia - DD 1532/2016)

2018 Abilitazione Scientifica Nazionale (Italy)
Associate Professor (Settore Concorsuale 05/B1 - Zoologia e Antropologia - DD 1532/2016)

2018 Agència per la Qualitat del Sistema Universitari de Catalunya (Spain)
Associate Professor (Acreditació de Recerca - 0233/1050/2018)

2018 Agència per la Qualitat del Sistema Universitari de Catalunya (Spain)
Lecturer (Lector - 0233/228/2018)

Professional experience

2018 - now	Università del Salento Associate Professor Lecce (Italy), 27 December 2018 - now
2017 - 2018	Institut de Ciències del Mar - Consejo Superior de Investigaciones Cientificas (CSIC) Postdoctoral Research Associate (Juan de la Cierva fellow) Barcelona (Spain), 01 April 2017 - 31 March 2019
2014 - 2016	Universitat de Barcelona Departament d'Ecologia Postdoctoral Research Associate (Beatriu de Pinos fellow) Barcelona (Spain), 29 September 2014 - 28 September 2016
2013 - 2014	Heriot-Watt University Centre for Marine Biodiversity and Biotechnology Postdoctoral Research Associate Edinburgh (Scotland), 3 October 2013 - 26 September 2014
2011 - 2013	Centre Scientifique de Monaco (CSM) Equipe d'Écophysiologie et d'Écologie Postdoctoral Research Associate Monaco (Principality of Monaco), 1 October 2011 - 30 September 2013
2010 - 2011	Institut de Ciències del Mar - Consejo Superior de Investigaciones Cientificas (CSIC) Contract for the project LIFE + INDEMARES (European Union) Barcelona (Spain), 1 April 2010 - 31 March 2011
2006 - 2009	Institut de Ciències del Mar - Consejo Superior de Investigaciones Cientificas (CSIC) PhD candidate (I3P fellow - Ref. I3P-BPD2005) Barcelona (Spain), 1 January 2006 - 31 December 2009
2005	Institut de Ciències del Mar - Consejo Superior de Investigaciones Cientificas (CSIC) Contract for the project PETRI (Ministerio de Educación y Ciencia - Ref. PETRI-95-0865 OP) Barcelona (Spain), 1 August 2005 - 31 December 2005

Participation in research projects

2019 - now	Integrated Assessment of Atlantic Marine Ecosystems in Space and Time (iAtlantic) Università del Salento Coordinator: Prof. J Murray Roberts (Edinburgh, Scotland) I.P.: Dr. Andrea Gori (Lecce, Italy)
2018	Conservación y Recuperación de Poblaciones de Gorgonias de Profundidad mediante Restauración Ecológica y Mitigación de los Impactos de la Pesca Institut de Ciències del Mar (CSIC) I.P.: Dr. Andrea Gori (Barcelona, Spain)
2018	Implementación de Medidas Innovadoras de Cooperación entre Pescadores y Científicos para

	<p>una Mejor Gestión de la Pesca Artesanal con el Objetivo de Mitigar sus Impactos en Hábitats Marinos Sensibles</p> <p>Institut de Ciències del Mar (CSIC)</p> <p>I.P.: Prof. Josep-Maria Gili (Barcelona, Spain)</p>
2016 - now	<p>Marine Ecosystem Restoration in Changing European Seas (MERCES) (European Union, Horizon 2020)</p> <p>Institut de Ciències del Mar (CSIC)</p> <p>Coordinator: Prof. Roberto Danovaro (Ancona, Italy)</p> <p>I.P. ICM (CSIC): Dr. Joaquim Garrabou (Barcelona, Spain)</p>
2014 - 2016	<p>Restauración Ecológica de las Especies Estructurales Bentónicas en la Plataforma Continental (SHELFRECOVER) (Fundación BBVA)</p> <p>Universitat de Barcelona (Barcelona, Spain)</p> <p>I.P.: Dr. Andrea Gori (Barcelona, Spain)</p>
2014 - 2016	<p>Cold-water Corals of Cyprus: Environmental Settings and Ecological Features (CYCLAMEN) (Fondation TOTAL)</p> <p>Instituto Español de Oceanografía (Palma de Mallorca, Spain), Energy, Environment and Water Research Center of The Cyprus Institute (Cyprus), Enalia Physis Environmental Research Centre (Cyprus), Centre Scientifique de Monaco (Monaco, Principality of Monaco), National Oceanography Centre (Southampton, England), Université Aix Marseille – Institut Méditerranéen de la Biodiversité et d'Ecologie Marine et Continentale (Marseille, France), Universitat de Barcelona (Barcelona, Spain)</p> <p>I.P.: Dra. Covadonga Orejas (Santander, Spain)</p>
2016	<p>Exploring Sicilian Canyon Dynamics (Eurofleets)</p> <p>National Oceanography Centre (Southampton, England)</p> <p>I.P.: Dr. Claudio Iacono (Southampton, England)</p>
2013 - 2014	<p>Where did all the CO₂ go? Insights from Boron Isotopes in Deep-sea Corals (NERC, NE/J021121/1)</p> <p>University of Southampton and Heriot-Watt University</p> <p>I.P.: Prof. Gavin Foster (Southampton, England), Prof. J Murray Roberts (Edinburgh, Scotland)</p>
2014	<p>Controls on the Growth and Colony Density of Cold-water Corals (ECOLOPHELIA) (European Union, ASSEMBLE, FP 7)</p> <p>Sven Lovén Center for Marine Sciences, Heriot-Watt University, Instituto Español de Oceanografía</p> <p>I.P.: Prof. J Murray Roberts (Edinburgh, Scotland)</p>
2009 - 2013	<p>Inventario y Designación de la Red Natura 2000 en Áreas Marinas del Estado Español (INDEMARES) (European Union, Life +, 07/NAT/E/000732)</p> <p>Institut de Ciències del Mar (CSIC)</p> <p>Coordinator: Ignacio Torres (Madrid, Spain)</p> <p>I.P. ICM (CSIC): Prof. Josep-Maria Gili (Barcelona, Spain)</p>
2011	<p>Feeding Ecology and Metabolic Response of the Cold-water Coral <i>Lophelia pertusa</i> from Mingulay Reef Complex (Scotland) (FEELMETA) (European Union, ASSEMBLE, FP 7)</p> <p>Scottish Association for Marine Science, Heriot-Watt University, Institut de Ciències del Mar (CSIC), Instituto Español de Oceanografía</p>

- I.P.: Dra. Covadonga Orejas (Santander, Spain)
- 2010 Feeding Ecology of the Cold-water Coral *Lophelia pertusa* and other Associated Benthic Suspension Feeders (FEEL) (European Union, ASSEMBLE, FP 7)
Scottish Association for Marine Science, Heriot-Watt University, Institut de Ciències del Mar (CSIC), Instituto Español de Oceanografía
I.P.: Dra. Covadonga Orejas (Santander, Spain)
- 2009 - 2012 Hotspot Ecosystem Research and Man's Impact on European Seas (HERMIONE) (European Union, FP 7, 226354)
Institut de Ciències del Mar (CSIC)
Coordinator: Dr. Phil Weaver (Southampton, England)
I.P. ICM (CSIC): Dr. Pere Puig (Barcelona, Spain)
- 2007 - 2008 Caracterización de las Comunidades de Corales Profundos del Cañón Submarino del Cap de Creus (Spanish Ministry of Science and Technology, Programa Acciones Complementarias CTM2007-28758-E/MAR)
Institut de Ciències del Mar (CSIC) and Universidad de Sevilla
I.P.: Dra. Covadonga Orejas (Barcelona, Spain)
- 2006 - 2009 Estudio Multidisciplinar de las Comunidades Bentónicas Dominadas por Suspensívoros del Margen de la Plataforma Continental Mediterránea (DEEPCORAL) (Spanish Ministry of Science and Technology)
Institut de Ciències del Mar (CSIC)
I.P.: Prof. Josep-Maria Gili (Barcelona, Spain)
- 2005 - 2009 Hotspot Ecosystem Research on the Margins of European Seas (HERMES) (European Union, FP 6, 511234-2)
Institut de Ciències del Mar (CSIC)
Coordinator: Dr. Phil Weaver (Southampton, England)
I.P. ICM: Prof. Josep-Maria Gili (Barcelona, Spain)
- 2005 - 2007 Desarrollo de un Vehículo Submarino que permita Acoplar a las Imágenes Variables Ambientales y Fisicoquímicas a la Misma Escala de Observación - Programa nacional para la trasferencia de resultados científicos y técnicos (Ministerio de Educación y Ciencia, PETRI-95-0865 OP)
Institut de Ciències del Mar (CSIC)
I.P.: Prof. Josep-Maria Gili (Barcelona, Spain)
- 2001 - 2004 Gorgonias Mediterráneas Ibéricas: Evaluación de Riesgos per un Valioso Patrimonio Natural amenazado (MEDGORG) (CICYT, REN2000-0633-C03-01/MAR)
Institut de Ciències del Mar (CSIC)
I.P.: Prof. Josep-Maria Gili (Barcelona, Spain)

Scientific publications

- 2019 **Mediterranean gorgonian forests: distribution patterns and ecological roles**
Ponti M, Turicchia E, Costantini F, **Gori A**, Bramanti L, Di Camillo CG, Linares C, Rossi S, Abbiati M, Gabbarou J, Cerrano C
Proceedings of the 3rd Mediterranean Symposium on the Conservation of Coralligenous & other Calcareous Bio-Concretions (Antalya, Turkey, 15-16 January 2019). Langar H, Ouerghi A, edits, SPA/RAC, Tunis

Restoration protocols for the Mediterranean coralligenous habitats

Cerrano C, Bakran-Petricioli T, Caroni J, Ferretti E, Garí A, Gomez-Gras D, **Gori A**, Hereu B, Kipson S, Milanese M, Ledoux JB, Linares C, López-Sanz S, López-Sendino P, Montero-Serra I, Pagès M, Pica D, Sarà A, Torsani F, Viladrich N, Garrabou J

Proceedings of the 3rd Mediterranean Symposium on the Conservation of Coralligenous & other Calcareous Bio-Concretions (Antalya, Turkey, 15-16 January 2019). Langar H, Ouerghi A, edits, SPA/RAC, Tunis

2018

Biochemical composition of the cold-water coral *Dendrophyllia cornigera* under contrasting productivity regimes: insights from lipid biomarkers and compound-specific isotopes

Gori A, Tolosa I, Orejas C, Rueda L, Viladrich N, Grinyó J, Flögel S, Gili JM, Grover R, Ferrier-Pagès C

Deep-Sea Research Part I 141:106-117 (impact factor: 2.384 - Q1 Aquatic Science - Q1 Oceanography)

Reproduction, energy storage and metabolic requirements in a mesophotic population of the gorgonian *Paramuricea macrospina*

Grinyó J, Viladrich N, Díaz D, Muñoz A, Mallol S, Salazar J, Castillo R, Gili JM, **Gori A**

PLoS ONE 13(9):e0203308 (impact factor: 2.766 - Q1 Agricultural and Biological Sciences - Q1 Biochemistry, Genetics and Molecular Biology - Q1 Medicine)

Megabenthic assemblages in the continental shelf edge and upper slope of the Menorca Channel, Western Mediterranean Sea

Grinyó J, **Gori A**, Greenacre M, Requena S, Canepa A, Lo Iacono C, Ambroso S, Purroy A, Gili JM

Progress in Oceanography 162:40-51 (impact factor: 3.391 - Q1 Aquatic Science - Q1 Geology)

Morphological features of the gorgonian *Paramuricea macrospina* on the continental shelf and shelf edge (Menorca Channel, Western Mediterranean Sea)

Grinyó J, **Gori A**, López-González P, Santín A, Baena P, Gili JM

Marine Biology Research 14:30-40 (impact factor: 1.161 - Q2 Aquatic Science - Q2 Ecology, Evolution, Behavior and Systematics - Q2 Oceanography)

Fast growth rate in a young colony of the Mediterranean gorgonian *Eunicella singularis*

Viladrich N, **Gori A**, Gili JM

Marine Biodiversity 48:951–952 (impact factor: 1.646 - Q2 Aquatic Science - Q2 Ecology, Evolution, Behavior and Systematics - Q2 Oceanography)

New Mediterranean biodiversity records

Yokeş M, Andreou V, Bakiu R, Bonanomi S, Camps J, Christidis G, Crocetta F, Giovos I, **Gori A**, Juretić T, Ünsal Karhan S, Katsanevakis S, Kytinou E, Langeneck J, Lipej L, Maximiadi M, Michailidis N, Mitsou E, Nicolaidou A, Petrović S, Prado P, Santín A, Teneketzis K, Thasitis I, Tirelli V, Trkov D, Troplini E, Tsiamis K, Vannucci A

Mediterranean Marine Science 19:673–689 (impact factor: 1.984 - Q2 Aquatic Science - Q2 Ecology, Evolution, Behavior and Systematics - Q2 Oceanography)

Divergent responses to warming of two common co-occurring Mediterranean bryozoans

Pagès-Ecsolà M, Hereu B, Garrabou J, Montero-Serra I, **Gori A**, Gómez-Gras D, Figuerola B, Linares C

Scientific Reports 8:17455 (impact factor: 4.122 - Q1 Multidisciplinary)

Predicting cold-water coral distribution in the Cap de Creus canyon (NW Mediterranean): implications for marine conservation planning

Lo Iacono C, Robert K, Gonzalez-Villanueva R, **Gori A**, Gili JM, Orejas C

Progress in Oceanography 169:169-180 (impact factor: 3.391 - Q1 Aquatic Science - Q1 Geology)

Effects of trawling activity on the bamboo-coral *Isidella elongata* and the sea pen *Funiculina quadrangularis* along the Gioia Canyon (Western Mediterranean, Southern Tyrrhenian Sea)

Pierdomenico M, Russo T, Ambroso S, **Gori A**, Martorelli E, D'Andrea L, Gili JM, Chiocci FL

Progress in Oceanography 169:214-226 (impact factor: 3.391- Q1 Aquatic Science - Q1 Geology)

Sponge assemblages on the deep Mediterranean continental shelf and slope (Menorca Channel, Western Mediterranean Sea)

Santín A, Grinyó J, Ambroso S, Uriz, MJ, **Gori A**, Dominguez-Carrió C, Gili JM

Deep-Sea Research I 131:75-86 (impact factor: 2.480 - Q1 Aquatic Science - Q1 Oceanography)

2017 **Megabenthic assemblages at the Hudson Canyon head (NW Atlantic margin): habitat-faunal relationships**

Pierdomenico M, **Gori A**, Guida VG, Gili JM

Progress in Oceanography 157:12-26 (impact factor: 3.391 - Q1 Aquatic Science - Q1 Geology)

First *in situ* documentation of a population of the coral *Dendrophyllia ramea* off Cyprus (Levantine Sea) and evidence of human impacts

Orejas C, **Gori A**, Jiménez C, Rivera J, Lo Iacono C, Hadjioannou L, Andreou V, Petrou A

Galaxea 19:15-16

Animal forests in deep coastal bottoms and continental shelf of the Mediterranean Sea
Gori A, Bavestrello G, Grinyó J, Dominguez-Carrió C, Ambroso S, Bo M

In: Rossi S, Bramanti L, **Gori A**, Orejas C (eds.) Marine Animal Forests. Springer, Switzerland

An overview of the animal forests of the world

Rossi S, Bramanti L, **Gori A**, Orejas C

In: Rossi S, Bramanti L, **Gori A**, Orejas C (eds.) Marine Animal Forests. Springer, Switzerland

2016 **Physiological response of the cold-water coral *Desmophyllum dianthus* to thermal stress and ocean acidification**

Gori A, Ferrier-Pagès C, Hennige SJ, Murray F, Rottier C, Wicks LC, Roberts JM

PeerJ 4:e1606 (impact factor: 2.200 - Q1 Agricultural and Biological Sciences - Q1 Biochemistry, Genetics and Molecular Biology - Q1 Medicine - Q2 Neuroscience)

Heterotrophy promotes the re-establishment of photosynthate translocation in a symbiotic coral after heat stress

Tremblay P, **Gori A**, Maguer, JF, Hoogenboom M, Ferrier-Pagès C

Scientific Reports 6:38112 (impact factor: 4.259 - Q1 Multidisciplinary)

Diversity, distribution and population size structure of deep Mediterranean gorgonian assemblages (Menorca Channel, Western Mediterranean Sea)

Grinyó J, **Gori A**, Ambroso S, Purroy A, Calatayud C, Dominguez-Carrió C, Coppari M, Lo Iacono C, López-González PJ, Gili JM

Progress in Oceanography 145:42-56 (impact factor: 3.391 - Q1 Aquatic Science - Q1 Geology)

Limited genetic connectivity between gorgonian morphotypes along a depth gradient

Costantini F, **Gori A**, López-González PJ, Bramanti L, Rossi S, Gili JM, Abbiati M

PLoS ONE 11(8): e0160678 (impact factor: 2.806 - Q1 Agricultural and Biological Sciences - Q1 Biochemistry, Genetics and Molecular Biology - Q1 Medicine)

The effect of flow speed and food size on the capture efficiency and feeding behaviour of the cold-water coral *Lophelia pertusa*

Orejas C, **Gori A**, Rad-Menéndez C, Last KS, Davies AJ, Beveridge CM, Sadd D, Kiriakoulakis K, Witte U, Roberts JM

Journal of Experimental Marine Biology and Ecology 481:34-40 (impact factor: 1.937 - Q1 Aquatic Science - Q1 Ecology, Evolution, Behavior and Systematics)

The role of Mediterranean sponges in benthic-pelagic coupling processes: *Aplysina aerophoba* and *Axinella polypoides* case studies

Coppari M, **Gori A**, Viladrich N, Saponari L, Canepa A, Grinyó J, Olariaga A, Rossi S

Journal of Experimental Marine Biology and Ecology 477:57-68 (impact factor: 1.937 - Q1 Aquatic Science - Q1 Ecology, Evolution, Behavior and Systematics)

Distribution and population structure of deep-dwelling red coral in NW Mediterranean

Angiolillo M, **Gori A**, Canese S, Bo M, Priori C, Bavestrello G, Salvati E, Erra F, Greenacre M, Santangelo G

Marine Ecology 37:294-310 (impact factor: 1.076 - Q2 Aquatic Science - Q2 Ecology - Q2 Ecology, Evolution, Behavior and Systematics)

Sexual reproduction and early life-history traits of the Mediterranean soft coral *Alcyonium acaule*

Teixidó N, Bensoussan N, **Gori A**, Fiorillo A, Viladrich N

Marine Ecology 37:134-144 (impact factor: 1.076 - Q2 Aquatic Science - Q2 Ecology - Q2 Ecology, Evolution, Behavior and Systematics)

Cold-water corals in an era of rapid global change: are these the deep ocean's most vulnerable ecosystems?

Roberts JM, Murray F, Anagnostou E, Hennige S, **Gori A**, Henry LA, Kamenos N, Foster GL

In: Goffredo S and Dubinsky Z (eds.) The Cnidaria, past, present and future. Springer, Berlin Heidelberg

Seabed monitoring with Girona 500 AUV working as HROV

Carreras M, **Gori A**, Mallios A, Palomeras N, Linares C, Gili JM, Ribas D, Hurtós N, Magí L, Ridao

Proceedings of the 7th International Workshop on Marine Technology, Martech 2016

Barcelona, 26-28 October - ISBN: 978-84-617-4152-6

2015 **The influence of flow velocity and temperature on zooplankton capture rates by the cold-water coral *Dendrophyllia cornigera***

Gori A, Reynaud S, Orejas C, Ferrier-Pagès C

Journal of Experimental Marine Biology and Ecology 466:92-97 (impact factor: 1.866 - Q1 Aquatic Science - Q2 Ecology, Evolution, Behavior and Systematics)

Development, human impact and habitat distribution in submarine canyons of the Central and Western Mediterranean

Lo Iacono C, Agate M, Sulli A, Cartigny M, Robert K, **Gori A**, Russo T

In: Briand F (ed.) CIESM 2015. Submarine canyon dynamics in the Mediterranean and tributary seas – An integrated geological, oceanographic and biological perspective. CIESM Workshop Monograph 47, 232 p., CIESM Publisher, Monaco.

- 2014 **Physiological performance of the cold-water coral *Dendrophyllia cornigera* reveals its preference for temperate environments**
 Gori A, Reynaud S, Orejas C, Gili JM, Ferrier-Pagès C
 Coral Reefs 33:665-674 (impact factor: 3.324 - Q1 Aquatic Science)
- Uptake of dissolved free amino acids by four cold-water coral species from the Mediterranean Sea**
 Gori A, Grover R, Orejas C, Sikorski S, Ferrier-Pagès C
 Deep-Sea Research II 99:42-50 (impact factor: 2.190 - Q1 Oceanography)
- Size, spatial, and bathymetrical distribution of the ascidian *Halocynthia papillosa* in Mediterranean coastal bottoms: benthic-pelagic coupling implications**
 Coppari M, Gori A, Rossi S
 Marine Biology 161:2079-2095 (impact factor: 2.391 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)
- Resistance of two Mediterranean cold-water coral species to low-pH conditions**
 Movilla J, Gori A, Calvo E, Orejas C, López-Sanz Á, Domínguez-Carrió C, Grinyó J, Pelejero C
 Water 6:59–67 (impact factor: 1.291 - Q3 Aquatic Science - Q3 Biochemistry - Q2 Geography, Planning and Development - Q2 Water Science and Technology)
- Differential response of two Mediterranean cold-water coral species to ocean acidification**
 Movilla J, Orejas C, Calvo E, Gori A, López-Sanz Á, Grinyó J, Domínguez-Carrió C, Pelejero C
 Coral Reefs 33:675-686 (impact factor: 3.324 - Q1 Aquatic Science)
- 2013 **Bathymetrical distribution and size structure of cold-water coral populations in the Cap de Creus and Lacaze-Duthiers canyons (northwestern Mediterranean)**
 Gori A, Orejas C, Madurell T, Bramanti L, Martins M, Quintanilla E, Marti-Puig P, Lo Iacono C, Puig P, Requena S, Greenacre M, Gili JM
 Biogeosciences 10:2049–2060 (impact factor: 3.753 - Q1 Earth-Surface Processes - Q1 Ecology, Evolution, Behavior and Systematics)
- Effects of food availability on the sexual reproduction and biochemical composition of the Mediterranean gorgonian *Paramuricea clavata***
 Gori A, Linares C, Viladrich N, Clavero A, Orejas C, Fiorillo I, Ambroso S, Gili JM, Rossi S
 Journal of Experimental Marine Biology and Ecology 444:38-45 (impact factor: 2.475 - Q1 Aquatic Science - Q1 Ecology, Evolution, Behavior and Systematics)
- Spatial distribution patterns of the soft corals *Alcyonium acaule* and *Alcyonium palmatum* in coastal bottoms (Cap de Creus, northwestern Mediterranean Sea)**
 Ambroso S, Gori A, Dominguez-Carrió C, Gili JM, Berganzo E, Teixidó N, Greenacre M, Rossi S
 Marine Biology 160:3059-3070 (impact factor: 2.393 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)
- Local variation in the distribution of benthic megafauna species associated with cold-water coral reefs on the Norwegian margin**
 Purser A, Orejas C, Gori A, Tong R, Unnithan V, Thomsen L
 Continental Shelf Research 54:37-51 (impact factor: 2.115 - Q1 Aquatic Science - Q1 Geology - Q1 Oceanography)
- Detrimental effects of Ocean Acidification on the economically important Mediterranean red coral (*Corallium rubrum*)**

Bramanti L, Movilla J, Guron M, Calvo E, **Gori A**, Dominguez-Carrio C, Grinyó J, López-Sanz A, Martínez-Quintana A, Pelejero C, Ziveri P, Rossi S
Global Change Biology 19:1897–1908 (impact factor: 8.224 - Q1 Ecology - Q1 Environmental Chemistry - Q1 Environmental Science - Q1 Global and Planetary Change)

Decadal changes in the mid-depth water mass dynamic of the Northeastern Atlantic margin (Bay of Biscay)

Montero-Serrano JC, Frank N, Colin C, Tisnérat-Laborde N, Shen CC, Wu CC, Lin K, Douville E, Copard K, Orejas C, **Gori A**, De Mol L, Van Rooij D, Reverdin G
Earth and Planetary Science Letters 364:134-144 (impact factor: 4.724 - Q1 Earth and Planetary Sciences - Q1 Geochemistry and Petrology - Q1 Geophysics - Q1 Space and Planetary Science)

2012 **Reproductive cycle and trophic ecology in deep versus shallow populations of the Mediterranean gorgonian *Eunicella singularis* (Cap de Creus, northwestern Mediterranean Sea)**

Gori A, Viladrich N, Gili JM, Kotta M, Cucio C, Magni L, Bramanti L, Rossi S
Coral Reefs 31:823–837 (impact factor: 3.662 - Q1 Aquatic Science)

Characterization of the zooxanthellate and azooxanthellate morphotypes of the Mediterranean gorgonian *Eunicella singularis*

Gori A, Bramanti L, López-González P, Thoma JN, Gili JM, Grinyó J, Uceira V, Rossi S
Marine Biology 159:1485–1496 (impact factor: 2.468 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)

Habitats of the Cap de Creus continental shelf and Cap de Creus canyon, northwestern Mediterranean

Lo Iacono C, Orejas C, **Gori A**, Gili JM, Requena S, Puig P, Ribó M
In: Harris PT and Baker EK (eds.) Seafloor geomorphology as benthic habitat. Elsevier, London, ISBN 978-0-12-385140-6

The benthic communities of the Cap de Creus Canyon

Madurell T, Orejas C, Requena S, **Gori A**, Purroy A, Lo Iacono C, Sabatés A, Dominguez-Carrió C, Gili JM
In: Würtz M (ed.), Mediterranean Submarine Canyons: Ecology and Governance. Gland, Switzerland and Malaga, Spain: IUCN, pp. 123-132

2011 **Size and spatial structure in deep versus shallow populations of the Mediterranean gorgonian *Eunicella singularis* (Cap de Creus, northwestern Mediterranean Sea)**

Gori A, Rossi S, Linares C, Berganzo E, Orejas C, Dale MRT, Gili JM
Marine Biology 158:1721–1732 (impact factor: 2.280 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)

Spatial distribution patterns of the gorgonians *Eunicella singularis*, *Paramuricea clavata*, and *Leptogorgia sarmentosa* (Cap de Creus, northwestern Mediterranean Sea)

Gori A, Rossi S, Berganzo E, Pretus JL, Dale MRT, Gili JM
Marine Biology 158:143–158 (impact factor: 2.280 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)

Long-term growth rate measurements of four Mediterranean cold water coral species (*Madrepora oculata*, *Lophelia pertusa*, *Desmophyllum cristagalli* and *Dendrophyllia cornigera*) maintained in aquaria

Orejas C, Ferrier-Pagès C, Reynaud S, **Gori A**, Beraud E, Tsounis G, Allemand D, Gili JM
Marine Ecology Progress Series 429:57–65 (impact factor: 2.710 - Q1 Aquatic Science - Q1 Ecology -

Q1 Ecology, Evolution, Behavior and Systematics)

- 2009 **Cold-water corals in the Cap de Creus canyon, northwestern Mediterranean: spatial distribution, density and anthropogenic impact**
Orejas C, **Gori A**, Lo Iacono C, Puig P, Gili JM
Marine Ecology Progress Series 397:37-51 (impact factor: 2.519 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)
- Bleeper-EVO: an easy-to-handle ROV for benthic study**
Gori A, Olariaga A, Orejas C, Rossi S, Quesada S, Valentin A, Bosch I, Teixidó J, Gili JM
Oceanography 22:75 (impact factor: 2.113 - Q2 Oceanography)
- Development of an autonomous aquarium system for maintaining deep corals**
Olariaga A, **Gori A**, Orejas C, Gili JM
Oceanography 22:44–45 (impact factor: 2.113 - Q2 Oceanography)
- 2008 **Growth rate of live *Lophelia pertusa* and *Madrepora oculata* from the Mediterranean Sea maintained in aquaria**
Orejas C, **Gori A**, Gili JM
Coral Reefs 27:255 (impact factor: 2.227 - Q1 Aquatic Science)
- 2007 **Spatial variability in reproductive cycle of the gorgonians *Paramuricea clavata* and *Eunicella singularis* (Anthozoa, Octocorallia) in the Western Mediterranean Sea**
Gori A, Linares C, Rossi S, Coma R, Gili JM
Marine Biology 151:1571–1584 (impact factor: 2.215 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)
- 2006 **Temporal variation in protein, carbohydrate, and lipid concentrations in *Paramuricea clavata* (Anthozoa, Octocorallia): evidence for summer-autumn feeding constraints**
Rossi S, Gili JM, Coma R, Linares C, **Gori A**, Vert N
Marine Biology 149:643–651 (impact factor: 1.756 - Q1 Aquatic Science - Q1 Ecology - Q1 Ecology, Evolution, Behavior and Systematics)

Edited books

- 2017 **Marine Animal Forests**
The Ecology of Benthic Biodiversity Hotspots
Rossi S, Bramanti L, **Gori A**, Orejas C
Springer International Publishing, Cham, Switzerland (3 volumes, pp.1366)

Technical publications

- 2018 **Convenzione operativa tra l'AMP "Penisola del Sinis - Isola di Mal di Ventre" e l'IAMC-CNR S.S. di Oristano per la realizzazione delle attività di monitoraggio e ricerca sulle componenti ambientali marine e costiere (programma di contabilità naturalistica)**
Coppa S, Camedda A, Espinosa F, García-Gómez JC, García Gutierrez ML, Garrabou J, **Gori A**, Linares C, Palazzo L, Pavón Paneque AC, Viladrich N, de Lucia GA
Final Report 2017-2018. Instituto per l'Ambiente Marino Costiero (CNR) (Oristano, Italia), pp. 65
- 2014 **Caracterización ecológica del área marina del Canal de Menorca**
Gili JM, Grinyó J, Requena S, Madurell T, **Gori A**, Ambroso S, Domínguez-Carrió C, Isla E, Lo Iacono C
Final Report LIFE+INDEMARES (LIFE07/NAT/E/000732). Institut de Ciències del Mar (ICM-CSIC)

(Barcelona). Coordination: Fundación Biodiversidad, (Madrid, Spain), pp. 167

2011 **Caracterización física y ecológica del área marina del Cap de Creus**

Gili JM, Madurell T, Requena S, Orejas C, **Gori A**, Purroy A, Domínguez-Carrió C, Lo Iacono C, Isla E, Lozoya JP, Carboneras C, Grinyó J, Sardá R

Final Report LIFE+INDEMARES (LIFE07/NAT/E/000732). Institut de Ciències del Mar (ICM-CSIC) (Barcelona). Coordination: Fundación Biodiversidad, (Madrid, Spain), pp. 272

Outreach publications

2017 **Restoration of deep-water gorgonian forests on the Mediterranean continental shelf**

Gori A, Gili JM, Linares C

MERCES Newsletter 2:21

El redescubrimiento del Mediterráneo

Gili JM, Requena S, Gori A

Investigación y Ciencia 488:34-42

2013 **Els boscos de gorgònies**

Ballesteros E, Coma R, Linares C, Ribes M, **Gori A**

Atlas dels ecosistemes dels Països Catalans. ISBN 978-84-412-2255-7

2011 **Pesca sostenible**

Grinyó J, Domínguez C, **Gori A**, Díaz D, Gili JM

Investigación y Ciencia 412:42-43

2010 **Els organismes dels canyons submarins**

Gili, JM, Orejas C, Madurell T, **Gori A**

In: Diversos autors, *Fauna i flora*. Enciclopèdia Catalana. Suplement de la Història Natural dels Països Catalans, pp. 173-178

Les comunitats de coralls al canó de Cap de Creus

Gili JM, **Gori A**, Orejas C, Madurell T, Requena S

Annals de l'Institut d'Estudis Empordanesos

2007 **Corales fríos**

Orejas C, **Gori A**, Gili JM

Investigación y Ciencia 369:32-33

Participation in conferences and working groups

2019 **3rd Mediterranean Symposium on the Conservation of Coralligenous and other Calcareous Bio-Concretions**

Antalya (Turkey), 15-16 January

Mediterranean gorgonian forests: distribution patterns and ecological roles

Ponti M, Turicchia E, Costantini F, **Gori A**, Bramanti L, Di Camillo CG, Linares C, Rossi S, Abbiati M, Garrabou J, Cerrano C

Oral presentation (Ponti M)

3rd Mediterranean Symposium on the Conservation of Coralligenous and other Calcareous Bio-Concretions

Antalya (Turkey), 15-16 January

Restoration protocols for the Mediterranean coralligenous habitats

Cerrano C, Bakran-Petricioli T, Caroni J, Ferretti E, Gari A, Gomez-Gras D, **Gori A**, Hereu B, Kipson S, Milanese M, Ledoux JB, Linares C, López-Sanz S, López-Sendino P, Montero-Serra I, Pagès M, Pica D, Sarà A, Torsani F, Viladrich N, Garrabou J

Oral presentation (Ponti M)

2018 Breaking the Surface 2018

Biograd na Moru (Croatia), 1-5 October

Submarine technology for the study and conservation of deep coral gardens and cold-water coral reefs

Gori A

Invited lecture (**Gori A**)

MERCES 2nd Annual Meeting

Barcelona (Spain), 23-25 May

Restoration of cold-water coral gardens on the Mediterranean continental shelf: the Cap de Creus case study

Montseny M, **Gori A**, Viladrich N, Olariaga A, Carreras M, Mallios A, Palomeras N, Ambroso S, Capdevila P, Santín A, Grinyó J, Díaz D, Gili JM, Linares C

Oral presentation (**Gori A**)

ATLAS 3rd General Assembly

Mallorca (Spain), 9-12 April

Community characterization of two Atlantic seamounts. First steps into addressing the influence of the Mediterranean Outflow Water (MOW)

Santana Y, Gutiérrez-Zárate C, Carreiro-Silva M, Rivera J, Morato T, Domínguez-Carrió C, Sampaio Í, Vélez-Belchí P, Ramos M, Taranto G, Mosquera Á, Bilan M, **Gori A**, Orejas C

Poster

Working Group on Vulnerable Marine Ecosystems - General Fisheries Commission for the Mediterranean (GFCM) - Food and Agriculture Organization of the United Nations (FAO)

Roma (Italy), 26-28 February

Corals and gorgonians assemblages on the shelf edge and upper slope (Cap de Creus and Menorca Channel, Western Mediterranean Sea)

Gori A, Grinyó J, Ambroso S, Dominguez-Carrió C, Lo Iacono C, Corbera G, López-González P, Orejas C, Gili JM

Oral presentation (**Gori A**)

4th Word Conference on Marine Biodiversity

Montreal (Canada), 13-16 May

Restoring biodiversity in the Mediterranean coralligenous - the MERCES project

Cerrano C, Bakran-Petricioli T, Boavida J, Ferretti E, Gari A, Gomez-Gras D, **Gori A**, Hereu B, Kipson S, Ledoux J, Linares C, López-Sanz À, López-Sendino P, Milanese M, Montero-Serra I, Pagès M, Sarà A, Pica D, Serrao E, Torsani F, Viladrich N, Garrabou J

Oral presentation (Milanese M)

- 2017 | European Coral Reef Symposium
Oxford (England), 13-15 December
Ecology of Mediterranean gorgonians in mesophotic ecosystems
Gori A, Viladrich N, Grinyó J, Bo M, Costantini F, Bramanti L, Linares C, Niubò M, Coppari M, Ambroso S, Priori C, Ferrier-Pagès C, Santangelo G, Cerrano C, Bavestrello G, Gili JM, Rossi S, Bongaerts P
Oral presentation (**Gori A**)
- European Coral Reef Symposium
Oxford (England), 13-15 December
Large-scale ecological restoration of deep gorgonian populations on the Mediterranean continental shelf
Montseny M, **Gori A**, Viladrich N, Olariaga A, Carreras M, Mallios A, Palomeras N, Ambroso S, Santín A, Grinyó J, Díaz D, Gili JM, Linares C
Oral presentation (Montseny M)
- European Coral Reef Symposium
Oxford (England), 13-15 December
Ecological characterization of a shelf-dwelling gorgonian assemblage from Cap de Creus (NW Mediterranean): from in situ ROV surveys to ex situ laboratory analyses and aquaria experiments
Dominguez-Carrió C, **Gori A**, Viladrich N, Montseny M, Ambroso S, Corbera G, Mallol S, Robert K, Requena S, Lo Iacono C, Estournel C, Olariaga A, Grinyó J, Sanchez-Vidal A, Simunovic I, Fabregas M, Movilla J, Linares C, Díaz D, López-González P, Riera J.LL, Zabala M, Gili JM
Oral presentation (Dominguez-Carrió C)
- European Coral Reef Symposium
Oxford (England), 13-15 December
The hidden cold-water coral communities of the Ormonde seamount (Gorringe Bank): a world to explore, a world to discover
Gutiérrez-Zárate C, Reñones O, Rivera J, Carreiro-Silva M, Sampaio Í, Vélez P, Piñeiro S, Mosquera Á, Movilla J, Hermida M, Bilan M, Henry LA, Ramos M, Taranto G, López-Jurado JL, Reis J, Jimenéz-Aparicio JA, Madureira P, **Gori A**, Orejas C
Oral presentation (Orejas C)
- European Coral Reef Symposium
Oxford (England), 13-15 December
Warming shifts phenology and hinders reproductive success in a temperate gorgonian
Viladrich N, **Gori A**, Montseny M, Santín A, Montero-Serra I, Linares C, Garrabou J
Poster
- 10th World Sponge Conference
Galway (Ireland), 25-30 June
Sponge Assemblages on the recently declared Menorca Channel marine protected area (Western Mediterranean Sea)
Santín A, Grinyó J, Ambroso S, Uriz MJ, **Gori A**, Gili JM
Oral presentation (Santín A)
- MERCES 1th Annual Meeting
Heraklion (Greece), 18-22 June
Ecological restoration of deep Mediterranean coral gardens

Gori A, Montseny M, Viladrich N, Olariaga A, Carreras M, Mallios A, Palomeras N, Gili JM, Linares C

Oral presentation (**Gori A**)

MERCES 1th Annual Meeting

Heraklion (Greece), 18-22 June

Assessing the feasibility of coral transplantation techniques for the assisted regeneration of cold-water coral gardens

Carreiro-Silva M, **Gori A**, Linares C, Bilan M, Godinho A, Martins I, Colaço A, Garrabou J, Montero-Serra I, Montseny M, Viladrich N, Gili JM, Morato T

Oral presentation (Carreiro-Silva M)

MERCES 1th Annual Meeting

Heraklion (Greece), 18-22 June

Assessing the effectiveness of transplantation actions for the restoration of key Mediterranean gorgonians in the Catalan Sea

Montero-Serra I, Linares C, Gari A, **Gori A**, Viladrich N, Gomez-Grass D, Lopez, A, Figuerola L, Ledoux JB, Hereu B, Garrabou J

Poster

2016 International Meeting on Ecological Restoration of Deep-Sea Coral Populations

Barcelona (Spain), 21-23 November

Ecological restoration of deep gorgonian populations on the Mediterranean continental shelf

Gori A, Linares C, Montseny M, Olariaga A, Viladrich N, Grinyó J, Dominguez-Carrió C, Ambroso S, Santín A, Martínez A, Ferrier-Pagès C, Gutiérrez V, Gili JM

Oral presentation (**Gori A**)

International Meeting on Ecological Restoration of Deep-Sea Coral Populations

Barcelona (Spain), 21-23 November

Recovery and restoration of deep Mediterranean gorgonian and coral populations

Montseny M, Viladrich N, **Gori A**, Linares C, Dominguez-Carrió C, Díaz D, Grinyó J, Ambroso S, Gutiérrez V, Gili JM

Oral presentation (Montseny M and Viladrich N)

6th International Deep-Sea Coral Symposium

Boston (USA), 11-16 September

Ecological restoration of deep coral gardens on the Mediterranean continental shelf

Gori A, Linares C, Montseny M, Olariaga A, Carreras M, Mallios A, Palomeras N, Viladrich N, Ambroso S, Grinyó J, Santín A, Ribas D, Hurtós N, Magí L, Dominguez-Carrió C, Ferrier-Pagès C, Gili JM

Keynote presentation (**Gori A**)

6th International Deep-Sea Coral Symposium

Boston (USA), 11-16 September

How corals apply the Goldilocks Principle to engineer habitat

Hennige S, Larsson A, **Gori A**, Orejas C, De Clippele L, Chu Lee Y, Pappas A, Roberts JM

Keynote presentation (Hennige S)

6th International Deep-Sea Coral Symposium

Boston (USA), 11-16 September

Cold-water-corals in a high CO₂ ocean: behaviour, physiology and growth in *Desmophyllum dianthus*

Murray F, Hennige S, Roberts JM, Anagnostou E, **Gori A**, Wicks L, Stewart J, Foster G

Oral presentation (Murray F)

6th International Deep-Sea Coral Symposium

Boston (USA), 11-16 September

Physiological performance of the cold-water coral *Lophelia pertusa* under natural low oxygen conditions in the Angola margin (southeastern Atlantic Ocean)

Gori A, Orejas C, Mienis F, Ferrier-Pagès C, Dullo C, Saturov D, Flöter S, Reynaud S, Wienberg C, Hebbeln D

Poster

13th International Coral Reef Symposium

Honolulu (USA), 19-24 June

Ecological restoration of deep coral gardens on the Mediterranean continental shelf

Gori A, Linares C, Montseny M, Olariaga A, Carreras M, Mallios A, Palomeras N, Viladrich N, Ambroso S, Grinyó J, Santín A, Ribas D, Hurtós N, Magí L, Dominguez-Carrió C, Ferrier-Pagès C, Gili JM

Oral presentation (**Gori A**)

13th International Coral Reef Symposium

Honolulu (USA), 19-24 June

Heterotrophy promotes photosynthate translocation in a symbiotic coral during thermal stress

Tremblay P, **Gori A**, Maguer JF, Hoogenboom M, Ferrier-Pagès C

Oral presentation (Tremblay P)

2015 ICES Annual Science Conference

Copenhagen (Denmark), 21-25 September

Spatial, bathymetrical and size distribution of deep unexpected well preserved Mediterranean gorgonian assemblages (Menorca Channel, Western Mediterranean Sea)

Grinyó J, **Gori A**, Ambroso S, Purroy A, Calatayud C, Dominguez-Carrió C, Coppari M, Lo Iacono C, López-González PJ, Gili JM

Oral presentation (Grinyó J)

ICES Annual Science Conference

Copenhagen (Denmark), 21-25 September

Predictive mapping of the main benthic assemblages of the continental shelf and submarine canyon of Cap de Creus (NW Mediterranean): implications for conservation and management

Dominguez-Carrió C, Gili JM, Roberts K, Zabala M, Lo Iacono C, Requena S, Estournel C, **Gori A**, Ambroso S, Grinyó J, Duhaut T, Corbera G, Martins M

Oral presentation (Dominguez-Carrió C)

14th Deep Sea Biology Symposium

Aveiro (Portugal), 31 August - 4 September

The deep-water corals of Cyprus: Environmental settings and ecological features (CYprus Cold-corals Levantine SeA, Eastern MEditerraneaN: CYCLAMEN)

Orejas C, Jiménez C, Abu Alhaja R, Achilleos K, Avgousti A, Aurelle D, Ferrier-Pagès C, **Gori A**, Hadjioannou L, Kamidis N, Lo Iacono C, Petrou A, Reynaud S, Rivera J, Rottier C, Sakellariou D

Poster

- 14th Deep Sea Biology Symposium
Aveiro (Portugal), 31 August - 4 September
Reproductive ecology of *Lophelia pertusa* in Mingulay Reef and the Logachev mounds (North East Atlantic): a multi-scale comparison
Pérez-Pujol J, Orejas C, Grau A, Brooke S, O Wangensteen, **Gori A**, Roberts JM
Poster
- 2014 Breaking the Surface 2014
Biograd na Moru (Croatia), 5-12 October
Quantitative video analysis for benthic studies
Gori A, Dominguez-Carrió C, Grinyó J, Orejas C, Ambroso S, Coppari M, Rossi S, Gili JM
Invited lecture (**Gori A**)
- XXII Simposio Ibérico de Estudios de Biología Marina
Gijón (Spain), 2-5 September 2014
Ecología reproductiva de *Lophelia pertusa*: comparación inter zonal en el arrecife de Mingulay y los montes de Logachev (Atlántico Nordeste)
Pérez-Pujol J, Orejas C, Grau A, Brooke S, Wangensteen OS, **Gori A**, Roberts M
Poster
- Society for Experimental Biology Annual Meeting 2014
Manchester (England), 1-4 July 2014
Size, spatial and bathymetrical distribution of the ascidian *Halocynthia papillosa* in Mediterranean coastal bottoms: benthic-pelagic coupling implications
Coppari M, **Gori A**, Rossi S
Oral presentation (Coppari M)
- 2013 48th European Marine Biology Symposium
Galway (Ireland), 19-25 August 2013
Ecophysiology of the cold-water coral *Dendrophyllia cornigera*: a key to understanding its distribution and potential resilience to climate change
Gori A, Reynaud S, Orejas C, Gili JM, Ferrier-Pagès C
Oral presentation (**Gori A**)
- Marine Geological and Biological Habitat Mapping Symposium 2013
Rome (Italy), 6-10 May 2013
High-resolution predicting mapping of Cold Water Coral species in the Cap de Creus Canyon (northwestern Mediterranean)
Lo Iacono C, Gonzalez R, **Gori A**, Orejas C, Gili JM
Poster
- European Geosciences Union
Wien (Austria), 7-12 April 2013
Fine-scale predicting mapping of Cold Water Coral species in the Cap de Creus Canyon (NW Mediterranean): first insights
Lo Iacono C, Gonzalez R, **Gori A**, Orejas C, Gili JM
Poster
- 2012 Assemble Conference

Olhao (Portugal), 23-25 October 2012

Capture rates of the Cold Water Coral *Lophelia pertusa* on living phyto and zooplankton under different current speed regimes

Orejas C, **Gori A**, Last K, Rad-Menéndez C, Roberts JM

Oral presentation (Orejas C)

3rd International Symposium on the Ocean in a High-CO₂ World

Monterey (California), 24-27 September 2012

The effects of ocean acidification on the precious Mediterranean red coral

Bramanti L, Rossi S, Gouron M, Movilla J, **Gori A**, Martínez-Quintana Á, Dominguez-Carriò C, Grinyo J, Lopez-Sainz A, Pelejero C, Calvo E, Ziveri P

Poster

3rd International Symposium on the Ocean in a High-CO₂ World

Monterey (California), 24-27 September 2012

Acidification response of Mediterranean sea temperate and cold-water corals from mid- to long-term experiments

Movilla J, Pelejero C, Coma R, **Gori A**, Calvo E, Orejas C, López-Sanz A, Serrano E, Fernández-Guallart E, Grinyó J, Dominguez-Carriò C, Ribes M

Poster

HERMIONE Final Meeting

Faro (Portugal), 11-14 September 2012

Dendrophyllia cornigera: a Cold-water coral species which enjoys warm environments

Orejas, C, **Gori A**, Reynaud S, Gili JM, Ferrier-Pagès C

Oral presentation (Orejas C)

5th International Symposium on Deep-Sea Corals

Amsterdam (Netherlands), 1-6 April 2012

Cold-water coral ecology in the Cap de Creus submarine canyon (northwestern Mediterranean): 7 years of multidisciplinary research

Orejas C, **Gori A**, Ferrier-Pagès C, Lo Iacono C, Puig P, Naumann M, Movilla J, Tsounis G, Reynaud S, Olariaga A, Madurell T, Gili JM

Oral presentation (Orejas C)

5th International Symposium on Deep-Sea Corals

Amsterdam (Netherlands), 1-6 April 2012

Response of four species of Mediterranean cold-water corals exposed to a future low-pH scenario

Movilla J, Orejas C, **Gori A**, López-Sanz A, Grinyó J, Dominguez-Carriò C, Calvo E, Pelejero C

Poster

5th International Symposium on Deep-Sea Corals

Amsterdam (Netherlands), 1-6 April 2012

Uptake rates of dissolved organic matter by four cold-water coral species from the Cap de Creus canyon (northwestern Mediterranean)

Gori A, Orejas C, Ferrier-Pagès C

Poster

2011 World Conference on Marine Biodiversity

- Aberdeen (Scotland), 26-30 September 2011
 Unexpected Marine biodiversity hotspots in the Western Mediterranean
 Gili JM, Grinyó J, Dominguez-Carrió C, Madurell T, López-Gonzalez P, Zabala M, Sardá R, Lozoya JP, Purroy A, **Gori A**, Orejas C, Díaz D, Lo Iacono C, Requena S, Viladrich N, Rossi S, Ambroso S, Isla E, Bramanti L, Martínez-Quintana Á, Tsounis G
 Oral presentation (Grinyó J)
- HERMIONE Second Annual Meeting
 Malaga (Spain), 11-15 April 2011
 Growth rates of Mediterranean Cold Water Corals under different PH scenarios: an experimental approach
 Movilla J, Orejas C, **Gori A**, Fernández-Guallart E, López-Sanz Á, Grinyó J, Bramanti L, Dominguez-Carrió C, Martínez Á, Calvo E, Pelejero C
 Oral presentation (Orejas C)
- 2010 Euro ISRS Symposium
 Wageningen (Netherlands), 13-17 December 2010
 Cold-water corals in the Cap de Creus canyon, NW Mediterranean: bathymetrical distribution, size structure, and morphological plasticity
Gori A, Orejas C, Martins M, Marti-Puig P, lo Iacono C, Requena S, Madurell T, Gili JM
 Oral presentation (**Gori A**)
- Euro ISRS Symposium
 Wageningen (Netherlands), 13-17 December 2010
 Capture rates of *Lophelia pertusa* on living zooplankton under different current speed regimes
 Orejas C, **Gori A**, Last K, Roberts JM
 Oral presentation (Orejas C)
- HERMIONE First Annual Meeting
 Attard (Malta), 12-16 April 2010
 Cold-water corals research in the lab and in the field: (1) growth rates of four CWC species maintained in aquaria, (2) new research areas: the Galicia Bank and the Avilés canyon (Atlantic and Cantabrian Sea), a scientific and methodological approach
 Orejas C, Ferrier-Pagès C, Reynaud S, Tsounis G, **Gori A**, Allemand D, Gili JM, Sánchez F, Serrano A
 Oral presentation (Orejas C)
- 2009 44th European Marine Biology Symposium
 Liverpool (England), 7-11 September 2009
 Spatial distribution patterns in the gorgonians *Eunicella singularis*, *Paramuricea clavata* and *Leptogorgia sarmentosa* (Cap de Creus, northwestern Mediterranean Sea)
Gori A, Rossi S, Berganzo E, Pretus JL, Dale MRT, Gili JM
 Oral presentation (**Gori A**)
- 44th European Marine Biology Symposium
 Liverpool (England), 7-11 September 2009
 Aggregation patterns in the Mediterranean gorgonian *Eunicella singularis*
Gori A, Rossi S, Berganzo E, Dale MRT, Gili JM
 Poster

44th European Marine Biology Symposium
Liverpool (England), 7-11 September 2009
Spatial distribution of *Madrepora oculata*, *Lophelia pertusa* and *Dendrophyllia cornigera* in the Cap de Creus canyon (north-western Mediterranean) obtained from video transects
Orejas C, **Gori A**, Puig P, Lo Iacono C, Martins M, Gili JM, Dale MRT
Poster

HERMES Final Meeting
Cavoeiro (Portugal), 2-6 March 2009
Spatial distribution and demography of the *Madrepora oculata* populations in the Cap de Creus canyon (Northwestern Mediterranean)
Orejas C, **Gori A**, Madurell T, Puig P, Lo Iacono C, Gili JM
Oral presentation (Orejas C)

2008 4th International Symposium on Deep-Sea Corals
Wellington (New Zealand), 1-5 December 2008
Habitat features, spatial distribution and demography of the *Madrepora oculata* populations in the Cape of Creus Canyon (Northwestern Mediterranean)
Orejas C, **Gori A**, Puig P, Gili JM
Oral presentation (**Gori A**)

4th International Symposium on Deep-Sea Corals
Wellington (New Zealand), 1-5 December 2008
Ichthyofauna diversity and distribution in the Cap de Creus Canyon (Northwestern Mediterranean) from video transects
de Lucia GA, **Gori A**, Orejas C, Marti-Puig P, Gili JM
Poster

Secondo Simposio Internazionale: Il monitoraggio costiero Mediterraneo: problematiche e tecniche di misura
Napoli (Italy), 4-6 June 2008
Indagine delle comunità bentoniche lungo la costa della penisola del Sinis utilizzando il ROV "Bleper-EVO"
Gori A, de Lucia GA, Camedda A, Massaro G, Coppa S, Rossi S, Gili JM
Poster

European Geosciences Union General Assembly
Wien (Austria), 13-18 April 2008
Detection and characterization of deep-coral banks in the Cap de Creus Canyon (North western Mediterranean) using visual and acoustic methods
Orejas C, Lo Iacono C, **Gori A**, Gili JM, Puig P
Poster

HERMES Third Annual Meeting
Cavoeiro (Portugal), 31 March - 5 April 2008
Progress in the work on distribution, description and quantification of the *Madrepora oculata* communities of the Cap de Creus Canyon (NW Mediterranean)
Orejas C, **Gori A**, Gili JM, Martí P, Puig P, Lo Iacono C
Oral presentation (Orejas C)

- HERMES Third Annual Meeting
Cavoeiro (Portugal), 31 March - 5 April 2008
Growth rates of live *Lophelia pertusa* and *Madrepora oculata* from the Mediterranean Sea maintained in aquaria
Orejas C, **Gori G**, Gili JM
Poster
- 2007 HERMES Second Annual Meeting
Faro (Portugal), 26-30 March 2007
Several features of water column in the Cap de Creus canyon (north-western Mediterranean) through the seasons, a first approach to the planktonic communities close to the sea floor and some paintbrushes on the benthic communities
Orejas C, Gili JM, Ríos B, **Gori A**, Cartes JE, Sabatés A
Oral presentation (Orejas C)
- 2006 XIV Simposio Ibérico de Estudios de Biología Marina
Barcelona (Spain), 12-15 September 2006
Spatial variability in reproductive cycle of the gorgonians *Paramuricea clavata* and *Eunicella singularis* (Anthozoa, Octocorallia) in the Western Mediterranean Sea
Gori A, Linares C, Rossi S, Coma R, Gili JM
Oral presentation (**Gori A**)
- XIV Simposio Ibérico de Estudios de Biología Marina
Barcelona (Spain), 12-15 September 2006
Comunidades bentónicas en el cañon del Cap de Creus (NO Mediterraneo): presencia de comunidades densas de coral blanco *Madrepora oculata*
Orejas C, Gili JM, Puig P, Rossi S, **Gori A**, López-Gonzalez PJ, Teixidor N
Oral presentation (Orejas C)
- 2000 Il Convegno Nazionale sulla Fauna Urbana
Firenze (Italy), 10 June 2000
Tecniche per la gestione dei dormitori problematici. Il caso di Roma
Buscemi A, Cignini B, **Gori A**, Tuccinardi P
Oral presentation (Cignini B)

Teaching activity

- 2018-2019 Universitat de Vic
Degree in Biology
Marine Biology, December 2018 (2 ECTS)
- 2017-2018 Universitat de Barcelona
Master in Ecology, Environmental Management and Restoration
New Insights in Population and Community Ecology, December 2017 (4 ECTS)
- Universitat de Barcelona
Master in Oceanography and Marine Environmental Management
Benthic Ecology, November 2017 (4 ECTS)

	<p>Universitat de Vic Degree in Biology Marine Biology, November 2017 (2 ECTS)</p>
2016-2017	<p>Universitat de Barcelona Master in Ecology, Environmental Management and Restoration New Insights in Population and Community Ecology, December 2016 (4 ECTS)</p>
	<p>Universitat de Vic Degree in Biology Marine Biology, December 2016 (2 ECTS)</p>
2015-2016	<p>Universitat de Vic Degree in Biology Marine Biology, December 2015 (2 ECTS)</p>
	<p>Universitat de Barcelona Degree in Biology Evolutionary Ecology, September - December 2015 (70 ECTS)</p>
	<p>Universitat de Barcelona Master in Ecology, Environmental Management and Restoration New Insights in Population and Community Ecology, November 2015 (4 ECTS)</p>
2014-2015	<p>Universitat de Barcelona Master in Oceanography and Marine Environmental Management Sampling Methods in Scientific Diving, May 2015 (25 ECTS)</p>
	<p>Universitat de Barcelona Degree in Biology Marine Ecology, May 2015 (30 ECTS)</p>
	<p>Universitat de Barcelona Master in Ecology, Environmental Management and Restoration New Insights in Population and Community Ecology, January 2015 (4 ECTS)</p>
	<p>Universitat de Vic Degree in Biology Marine Biology, December 2014 (2 ECTS)</p>
Direction of philosophy, master, and degree thesis 2015 - now	<p>Philosophy doctor thesis Análisis de la viabilidad de la conservación de las áreas marinas profundas mediante el empleo de técnicas innovadoras en el estudio de la plataforma y talud continental Universitat Politècnica de Catalunya (Barcelona, Spain) Student: Maria Montseny Thesis directors: JM Gili and A Gori</p>

- 2011 - 2016 Philosophy doctor thesis
 Estructura i dinàmica de comunitats de suspensívors semiprofunds del Canal de Menorca
 Universitat Politècnica de Catalunya (Barcelona, Spain)
 Student: Jordi Grinyó
 Thesis directors: JM Gili and **A Gori**
- 2010 - 2015 Philosophy doctor thesis
 The importance of benthic suspension feeders in biogeochemical cycles: active and passive suspension feeders in a coralligenous community
 Universitat Autònoma de Barcelona (Barcelona, Spain)
 Student: Martina Coppari
 Thesis directors: S Rossi and **A Gori**
- 2018 Master thesis
 Poblaciones de gorgonias en el coralígeno de Cerdeña: una nueva localidad en el Mediterránea Occidental
 Universitat de Barcelona (Barcelona, Spain)
 Student: Blanca del Arco
 Thesis directors: **A Gori** and M Canals
- 2017 Master thesis
 Estudio experimental del rol de las gorgonias como hábitat preferencial del macrozooplankton epibentónico
 Universitat de Barcelona (Barcelona, Spain)
 Student: Marina Biel
 Thesis directors: JM Gili, **A Gori** and M Montseny
- 2012 Master thesis
 Pautes de distribució espacial i estructura demogràfica de les poblacions de *Paramuricea macrospina* en la futura area marina protegida del Canal de Menorca
 Universitat de Barcelona (Barcelona, Spain)
 Student: Clara Calatayud
 Thesis directors: C Palacín, JM Gili and **A Gori**
- 2011 Master thesis
 Estructura espacial y de talla de una población de la gorgonia *Paramuricea macrospina* (Anthozoa, Alcyonacea) en la plataforma continental del Canal de Menorca
 Universitat de Barcelona (Barcelona, Spain)
 Student: Stefano Ambroso
 Thesis directors: JM Gili and **A Gori**
- 2009 Master thesis
 Distribución espacial de *Madrepora oculata*, *Lophelia pertusa* y *Dendrophyllia cornigera* en el cañón submarino de Cap de Creus (Noroeste Mediterráneo) a partir del análisis de vídeo-transectos
 Universitat de Barcelona (Barcelona, Spain)
 Student: Maria Martins
 Thesis directors: C Orejas and **A Gori**

2017 Degree thesis
Estudi experimental de l'efecte de la densitat de gorgònies sobre l'agregació del zooplàncton epibentònic
Universitat de Vic (Vic, Spain)
Student: Núria Callau
Thesis directors: JM Gili, **A Gori** and M Montseny

2010 Degree thesis
Distribuzione e abbondanza di *Alcyonium acaule* e *Alcyonium palmatum* nelle comunità bentoniche del mar Mediterraneo nord occidentale
Università di Trieste (Trieste, Italy)
Student: Stefano Ambroso
Thesis directors: M Avian, JM Gili and **A Gori**

Stays in research centres

2018 - now Università del Salento
Lecce (Italy)
27 December 2018 - now

2017 - 2018 Institut de Ciències del Mar (CSIC)
Barcelona (Spain)
1 April 2017 - 31 March 2019

2018 Temple University
Philadelphia (USA)
7 November - 6 December 2018

2018 Istituto per l'Ambiente Marino Costiero (CNR)
Torregrande (Italy)
17 September - 12 October 2018

2017 Istituto per l'Ambiente Marino Costiero (CNR)
Torregrande (Italy)
23 October - 24 November 2017

2014 - 2016 Universitat de Barcelona
Barcelona (Spain)
29 September 2014 - 28 September 2016

2013 - 2014 Heriot-Watt University
Edinburgh (Scotland)
3 October 2013 – 26 September 2014

2014 Sven Lovén Center for Marine Sciences
Strömstad (Sweden)
19-30 May 2014

2011 - 2013 Centre Scientifique de Monaco
Monaco (Principality of Monaco)

	1 October 2011 - 30 September 2013
2013	International Agency for Atomic Energy Monaco (Principality of Monaco) 1-10 July 2013
2011	Scottish Association for Marine Science Oban (Scotland) 5-12 November 2011
2010	Scottish Association for Marine Science Oban (Scotland) 10-21 May 2010
2009	Università di Pisa Pisa (Italy) 19 March - 17 April 2009
2008	University of Northern British Columbia Prince George (Canada) 15 September - 10 December 2008
2007	Istituto per l'Ambiente Marino Costiero (CNR) Torregrande (Italy) 1-20 July 2007
2004 - 2011	Institut de Ciències del Mar (CSIC) Barcelona (Spain) 3 February 2004 - 30 September 2011

Technical and methodological expertise

Laboratory analysis	Quantitative video analysis methods Biochemical analyses (protein, carbohydrate and lipid content - fatty acids composition) Isotopic composition analyses (δC^{13} – δN^{15}) Seawater analysis (NH_4 - O_2 - particulate and dissolved organic carbon (POC and DOC) and nitrogen (PON – DON)) Optical microscopy Electronic microscopy Histological techniques Titration
Experimental work	Maintenance of corals and gorgonians in aquarium Experimentation at field and in aquarium under controlled conditions Quantification of corals and gorgonian respiration, excretion, calcification, feeding, photosynthesis
Field work	Sampling by Remotely Operated Vehicles (ROVs) Sampling by SCUBA diving (0–40 m depth) Water column sampling (CTD - Niskin bottles)

	Zooplankton sampling (WP2 closing net - bongo paired net)
	Bottom sampling (Van Veen dredge - Raucher dredge)
Statistics	Hypothesis testing (t-test - ANOVA - χ^2 - non-parametric tests)
	Demographic statistics (skewness - kurtosis)
	Spatial statistics (second order statistics - quadrat variance methods)
	Multivariate statistics (principal component analysis (PCA) - redundancy analysis (RDA) - multiple correspondence analysis (MCA) - multidimensional scaling (MDS) - PERMANOVA)
Other relevant academic and scientific merits	
Conference organization	
2019	7 th International Symposium on Deep-Sea Corals Cartagena (Colombia), 29 June - 2 July 2019 (steering committee)
2017	Mesophotic Coral Ecosystems: Shifting from Pattern to Processes (Session 22) European Coral Reef Symposium 2017 Oxford (England), 13-15 December (co-organizer)
2016	International Meeting on Ecological Restoration of Deep-Sea Coral Populations Barcelona (Spain), 21-23 November (principal organizer)
Editorial boards	
2019 - now	Frontiers in Marine Science (Deep-Sea Environments and Ecology Section)
2018 - now	Marine Biology (Springer)
2017 - now	Mesophotic.org (www.mesophotic.org)
Society Membership	
2018 - now	Deep-Sea Biology Society
Oceanographic campaigns	
2016	Campaign ISLAND (6-17 August 2016) on board the R/V Ángeles Alvariño for the study of the submarine canyons of the Gulf of Palermo and Gulf of Castellammare (Italy). Campaign NURAIEV (7-14 May 2016) on board the R/V Ángeles Alvariño for the study of the submarine canyons of Murcia and Almeria (Spain). Campaign ANNA M122 (30 December 2015 - 31 January 2016) on board the R/V Meteor (IFM-GEOMAR, Kiel, Germany) for the study of the cold-water coral ecosystems of Namibia and Angola
2015	Campaign CYCLAMEN (8-11 June 2015) on board the R/V Aegeo for the exploration in search of cold-water corals (Cyprus)
2012	Campaign INDEMARES 6 – LIFE (7-10 July 2012) on board the R/V Garcia del Cid for the study of the benthic communities of the continental shelf of the Cap de Creus (Spain)

	(cruise leader)
2011	Campaign M84/5 (31 May - 21 June 2011) on board the R/V Meteor (IFM-GEOMAR, Kiel, Germany) for the study of the relationships among physical variables and the occurrence of cold-water corals along the coast of Galicia, Cantábria and west France (Spain and France) Campaign INDEMARES 4 – LIFE (31 March - 10 April 2011) on board the R/V Garcia del Cid for the study of the benthic communities of the continental shelf of the Menorca Channel (Spain)
2010	Campaign INDEMARES 3 – LIFE (3-7 September 2010) on board the R/V Garcia del Cid for the study of the benthic communities of the continental shelf of the Menorca Channel (Spain) Campaign INDEMARES 2 – LIFE (7-21 June 2010) on board the R/V Garcia del Cid for the study of the benthic communities of the continental shelf of the Cap de Creus (Spain) (cruise leader)
2009	Campaign INDEMARES 1 – LIFE (22-30 September 2009) on board the R/V Garcia del Cid for the study of the benthic communities of the continental shelf of the Cap de Creus (Spain) Campaign DEEP CORAL 4 – CORAL 9 (19-23 April 2009) on board the R/V Garcia del Cid for the study of the benthic communities of the canyon of the Cap de Creus (Spain) (cruise leader)
2008	Campaign ARCTIC-SUNRISE (9-13 July 2008) on board the Greenpeace vessel Arctic Sunrise in search of deep gorgonian populations in the waters around Menorca (Spain)
2007	Campaign HERMES IV – CORAL 8 (4-16 September 2007) on board the R/V Garcia del Cid for the study of the benthic communities of the canyon of the Cap de Creus (Spain) Campaign DEEP CORAL 3 – CORAL 6 (19-23 April 2007) on board the R/V Garcia del Cid for the study of the benthic communities of the canyon of the Cap de Creus (Spain)
2006	Campaign DEEP CORAL 1 – CORAL 4 (10-19 July 2006) on board the R/V Garcia del Cid for the study of the benthic communities of the canyon of the Cap de Creus (Spain)
Review activity	Marine Ecology Progress Series Marine Biology Journal of the Marine Biological Association PlosONE International Journal of Tropical Biology Estuarine, Coastal and Shelf Science Biological Conservation Deep Sea Research Part II Marine Environmental Research Hydrobiologia Marine Ecology Scientific Reports PeerJ Progress in Oceanography
Participation in courses	Introduction to Ecological Niche Modeling Transmitting Science Els Hostalets de Pierola (Spain), 27-31 March 2017

Modeling Specie Distribution: Methods and Applications
Universitat de Valencia
Valencia (Spain), 23-27 January 2017

Spatial Analysis of Ecological Data Using R
PR Statistics
(Scotland), 10-17 April 2016

Geographic Information Systems (GIS)
Servicio Sistemas de Información Geográfica
Institut Mediterrani d'Estudis Avançats (IMEDEA-CSIC)
Palma de Mallorca (Spain), 18-22 May 2009

Manipulation of Chemical Products in Laboratory
Servicio de Prevención (CISC)
Barcelona (Spain), 26 October 2007

Medical Aid (level 2)
Creu Roja
Barcelona (Spain), 4-20 July 2005

Mother tongue Italian

Other languages Spanish (advanced)
Catalan (advanced)
English (advanced)
French (intermediate)

Computer skills and competences R, Canoco, Passage, QuantumGIS, Kaleidagraph, Macnification, Image J, Final Cut, iMovie, EndNote, Adobe Illustrator, Adobe Photoshop, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Pages, Numbers, Keynote

Other skills and competences Scuba diving (Open Water, Advanced, Stress & Rescue)
Sail and motor boat license (Without limits of distance from the coast)
Driving license (B)