

## Chiara Romano



Born in Palermo (Italy)

### Ricercatore

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**Current Position:** Researcher III level

### Current Affiliation:

Integrative Marine Ecology Department (EMI), Stazione Zoologica Anton Dohrn, sede Calabria Marine Centre, Amendolara (CS), Italy

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Stazione Zoologica Anton Dohrn, Napoli (Italy)	Researcher	2021-present	Ecology and Biology of benthic community
Centre d'Estudis Avancats de Blanes (CEAB – CSIC), Blanes, Spain.	Research Fellow	2019-2021	Ecology and integrative taxonomy
Centre d'Estudis Avancats de Blanes (CEAB – CSIC), Blanes, Spain.	Marie Curie Post-Doc Fellow	2018	Ecology and Phylogeography
Scripps Institution of Oceanography (SIO), University of California, San Diego) California, USA	Marie Curie Post-Doc Fellow	2015-2017	Ecology and Phylogeny of deep-sea benthic organisms

Centre d'Estudis Avancats de Blanes (CEAB – CSIC), Blanes, Spain.	Postdoctoral fellow	2009-2014	Ecology and Biology of benthic community
ARPA-Sicilia (Regional Environmental Protection Agency of Sicily)	Marine Biologist	2008	Monitoring of coastal water and ecosystems of Sicily
CNR (Italian National Research Council) Laboratory of Coastal Marine Ecology, Castellammare del Golfo (TP), Italy	Postdoctoral fellow	2005-2007	Ecology and Biology of benthic community
University of Palermo, Italy.	PhD	2001-2005	Animal Biology
Plymouth Marine Laboratory, UK	Post-graduate student	2000-2001	Benthic Ecology
University of Palermo, Italy.	Laurea – Bsc+Msc	1999	Biological Sciences

### **Awards and Scholarship**

**2015-2018** Marie Curie IOF Fellowship funded by the European Union's Seventh Framework Programme (FP7/2007-2013) under REA grant agreement N. PIOF-GA-2013-628146.

**Oct 09 – Oct 12** JAE postdoctoral contract (CSIC, Spain) with cofunding from the European Social Fund.

**July 01-June 04** PhD Scholarship funded by MIUR (Italian Ministry of Education, University and Research).

**2000** Research grant from Università degli Studi di Palermo to carry out the project entitled: Predatory effect of wild-caught and hatchery-reared *Sparus aurata* on macrobenthos: Laboratory Experiments.

**May '00-Mar '01** Postgraduate Leonardo da Vinci Scholarship funded by EU grant to support the research project at Plymouth Marine Laboratory (UK).  
May '00 -Jun '01

**2000** Postgraduate 1-year long research scholarship funded by the Università degli Studi di Catania to undertake a research project at Plymouth Marine Laboratory (UK).

**Oct '96 –July '97** Erasmus Scholarship, funded by EU at the University of Swansea, UK

## **Others**

- Participation to oceanographic cruises in the Mediterranean, NE Atlantic and NE Pacific.
- Participation and involvement into 20 international research projects in UK, Italy, Spain and USA and principal investigator of a Marie Skłodowska-Curie project in collaboration between the CEAB-CSIC (Spain) and the Scripps Institution of Oceanography (SIO, USA).
- 2021 Qualification of Associate Professor of Ecology (Bio 07)
- Since 2020 Associate Editor for the Journal *Frontiers in Marine Science*
- Since 2018 Member of the Society of Deep-Sea Biology
- Member of the International network for scientific investigation of deep-sea ecosystems (INDEEP)

## **Publications**

Author of 29 publications on ISI-journals (h index: 14)

*List of publications peer-reviewed of the last 10 years (2011-present):*

- Martin D., Mecca M.A., G. Van AN Moorsel and C. Romano. In press. Citizen Science and integrative taxonomy reveal a great diversity within Carribbean Chaetoperidae (annelida), with description of one new species. *Invertebrate Systematics*.
- Martin D, C. Romano. 2021. Morphology and sexual dimorphism of living mature adults of *Amphiduros fuscescens* (Marenzeller, 1875) (Annelida, Hesionidae, Amphidurine), first reported for the Iberian Peninsula. *Biodiversity Data Journal* 9 <https://doi.org/10.3897/BDJ.9.e66020>
- Chaibi M., C. Romano, ATF Azzouna, D. Martin. 2021. First record of *Marphysa chirigota* (Annelida: Eunicidae) in the Mediterranean Sea (Gulf of Tunis). *Mediterranean Marine Science* 22(2): 327-339.
- 3. Romano C., A Nunes-Jorge, N Le Bris, GW Rouse, D Martin, C Borowski. *Wooden Stepping Stones: Diversity and Biogeography of Deep-Sea Wood Boring Xylophagidae (Mollusca: Bivalvia) in the North-East Atlantic Ocean, With the Description of a New Genus*. *Front. Mar. Sci.* <https://www.frontiersin.org/articles/10.3389/fmars.2020.579959/full>.
- Román S., R. Ortiz-Álvarez, C. Romano, E. O. Casamayor and D. Martín. 2019. Microbial Community Structure and Functionality in the Deep Sea Floor: Evaluating the causes of Spatial Heterogeneity in a Submarine Canyon System (NW Mediterranean, Spain). *Frontiers In Marine Science* 6:108. doi: 10.3389/fmars.2019.00108.
- Román S. L. Lins, J. Ingels, C. Romano\*, D. Martin and A. Vanreusel, 2019. Role of spatial scales and environmental drivers in shaping nematode communities in the Blanes Canyon and its adjacent slope (NW Mediterranean). *Deep Sea Research Part I* 146:62–78. \*corresponding author: C. Romano. <https://doi.org/10.1016/j.dsr.2019.03.002>

- Martin D. F. Pititto; J. Gil; P. Mura; N. Bahamon; C. Romano; S. Thorin; T. Schwartz; É. Dutrieux; Y. Bocquet 2019. Long-distance influence of the Rhône River plume on the marine benthic ecosystem: Descriptive ecology vs. Predictive modelling. *Science of the total Environment* 673:790–809. <https://doi.org/10.1016/j.scitotenv.2019.04.010>
- Romano C., M.M. Flexas, M. Segura, N. Bahamon, J.M. Gili, D. Martin. 2017. Canyon effect and seasonal variability of deep-sea organisms in the NW Mediterranean: synchronous, year-long captures of "swimmers" from near-bottom sediment traps in a submarine canyon and its adjacent open slope. *Deep-Sea Research Part I: Oceanographic Research Papers*. 129: 99-115 <https://doi.org/10.1016/j.dsr.2017.10.002>.
- Almeida M., Frutos I., Company J. B., Martin D., Romano C., Cunha M. R. 2017. Biodiversity of suprabenthic peracarid assemblages from the Blanes Canyon region (NW Mediterranean Sea) in relation to natural disturbance and trawling pressure. *Deep-Sea Research Part II*. 137: 390-403.
- Román S., Vanreusel A., Romano C., Ingels J., Puig P., Company J.B., Martin D. 2016. High spatiotemporal variability in meiofauna assemblages in Blanes Canyon (NW Mediterranean) subject to anthropogenic and natural disturbances. *Deep-Sea Research Part I: Oceanographic Research Papers*. 117: 70-83.
- Romano C. Fanelli E. D'Anna G., Pipitone C., Vizzini S., Mazzola A., Badalamenti F. 2016. Spatial variability of soft-bottom macrobenthic communities in northern Sicily (Western Mediterranean): contrasting trawled vs. untrawled areas. *Marine Environmental Research*. 122:113-125. <http://dx.doi.org/10.1016/j.marenvres.2016.10.002>
- Romano C., Voight JR, Pérez-Portela R and Martin D. 2014. Morphological and Genetic Diversity of the Wood-Boring Xylophaga (Mollusca, Bivalvia): New Species and Records from Deep-Sea Iberian Canyons. *PLoS ONE* 9 (7): e102887.
- Fagervold S., Romano C., Kalenitchenko D., Borowski C., Nunes-Jorge A., Martin D., Galand P. E. 2014. Microbial communities in sunken wood are structured by wood-boring bivalves and location in a submarine canyon. *PLoS ONE* 9 (5): e96248.
- Bessette S., Fagervold S., Romano C., Martin D., Le Bris N., Galand P. E.. 2014. Diversity of bacterial communities on sunken woods in the Mediterranean Sea. *Journal Marine Science and Technology*. 22: 60-66. Times cited: 9
- Romano, C., Voight, J., Plyuscheva M., Martin, D. 2013. Submarine canyons as the preferred habitat for wood-boring species of Xylophaga (Mollusca, Bivalvia) *Progress in Oceanography*. 118: 175-187. doi:10.1016/j.pocean.2013.07.028
- Romano C., Coenjaerts J., Flexas M. M., Zúñiga D., Vanreusel A., Company J. B., Martin D., 2013. Spatial and temporal variability of meiobenthic density in the Blanes submarine canyon (NW Mediterranean). *Progress in Oceanography*. 118: 144-158. doi: 10.1016/j.pocean.2013.07.026.
- Ingels J., Vanreusel A., Romano C., Coenjaerts J., Flexas M. M., Zúñiga D., Martin D. 2013. Spatial and temporal infaunal dynamics of the Blanes submarine canyon-slope system - productivity and disturbance effects on nematode standing stocks, feeding types and gender-life stage ratios. *Progress in*

Oceanography. (Special Issue: Mediterranean submarine canyons). 118: 159-174. doi:10.1016/j.pocean.2013.07.021.

- Fagervold S. K., Bessette S., Romano C., Martin D., Plyuscheva M., LeBris N and Galand P. E. 2013. Microbial communities associated with the degradation of oak wood in the Blanes submarine canyon and its adjacent open slope (NW Mediterranean). Progress in Oceanography 118: 137-143. doi: 10.1016/j.pocean.2013.07.012.
- Romano C., G. Sarà, G. Salvo, J. Bishop, A. Mazzola, and J. Widdows. 2011. The effect of the presence of the shore crab, *Carcinus maenas* (L., 1758), on the burrowing behaviour and clearance rate of the common cockle, *Cerastoderma edule* (L., 1758). Marine Biology. 158: 2685-2694.