

Short CV of Marcos Rubal



Personalia:

Name: Marcos Rubal García

Place and date of birth: Ferrol, July 5th 1977

National Registry Number: 33336195H

Address: Rua Diogo Botelho 137, 5^oET, 4150-262 Porto, Portugal.

Email: marcos.garcia@fc.up.pt

Mobile: 917670200

Languages: Spanish (speaking/reading/writing), Galician (speaking/reading/writing)

English (speaking/reading/writing) and Portuguese (speaking/reading/writing)

ORCID: <http://orcid.org/0000-0002-1106-6035>

SCOPUS Author ID: 25923133200

RESEARCHGATE https://www.researchgate.net/profile/Marcos_Rubal

Studies:

2000: Graduated in Marine Sciences, University of Vigo.

2003: Master in Science in Biodiversity and Conservation of Natural Environment, University of Santiago de Compostela.

2008: PhD (“Meiofaunal assemblages in the Ria de Foz (Galiza)”, University of Santiago de Compostela.

Professional affiliations:

Postdoctoral researcher

Laboratory of Coastal Biodiversity

CIMAR/CIIMAR (Interdisciplinary Centre of Marine and Environmental Research)

University of Porto

Research activities:

I have participated actively in more than 11 research projects related to marine ecology and in several oceanographic cruises over coastal waters. I have published 43 papers (40 in SCI journals) many of these papers are within the 25% highest impact journals in marine ecology and oceanography. I have presented my results at more than 56 national and international conferences, meetings and talks.

Publications from 2009-2017

1. Veiga P, Redondo W, Sousa-Pinto I, **Rubal M.** 2017. Relationship between macrobenthic assemblages and environmental variables in shallow sublittoral soft bottoms. *Marine Environmental Research* 129: 396-407.
2. Erika S, **Rubal M**, Veiga P, Bartels PJ, da Rocha CMC, Fontoura P. 2017. On the distribution of *Batillipes tubernatis* Pollock 1971 (Arthrotardigrada: Batillipedidae) in the Atlantic Basin. *Marine Biodiversity*
3. Fontoura P, Veiga P, **Rubal M.** 2017. Two new species of Tardigrada (Eutardigrada: Ramazzottiidae, Macrobiotidae) from the supralittoral zone of the Atlantic Iberian Peninsula rocky shores. *Zootaxa* 4263: 450-466
4. Martina Dal Bello, Jean-Charles Leclerc, Lisandro Benedetti-Cecchi, Giuseppe Andrea De Lucia, Christos Arvanitidis, Pim Van Avesaath, Guy Bachelet, Natalia Bojanic, Serena Como, Stefania Coppa, Jennifer Coughlan, Tasman Crowe, Steven Degraer, Free Espinosa, Sarah Faulwetter, Matt Frost, Xabier Guinda, Emilia Jankowska, Jérôme Jourde, Jose Antonio Juanes De La Pena, Francis Kerckhof, Jonne Kotta, Nicolas Lavesque, Paolo Magni, Valentina De Matos, Helen Orav-Kotta, Christina Pavludi, Maria Luiza Pedrotti, Ohad Peleg, Angel Pérez-Ruzafa, Araceli Puente, Pedro Ribeiro, Fabienne Rigaut-Jalabert, Gil Rilov, Maria Rousou, **Marcos Rubal**, Tomas Ruginis, Teresa Silva, Nathalie Simon, Isabel Sousa-Pinto, Jesús Troncoso, Jan Warzocha, Jan Marcin Weslawski, Herman Hummel. 2017. Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. *Journal of the Marine Biological Association of the United Kingdom* 97: 539-547.
5. **Rubal M**, Veiga P, Fontoura P, Sousa-Pinto I. 2017. A new Batillipes (Tardigrada, Heterotardigrada, Batillipedidae) from North Portugal (Atlantic Ocean). *Marine Biodiversity* 47: 921-928
6. Besteiro C, Eugenio W. Carvalho LH, Veiga P, **Rubal M.** 2016. Contributions to the autoecology and biogeography of some psammic species of Annelida Polychaeta from Galicia (North-West Iberian Peninsula). *Cahiers de Biologie Marine* 57: 253-259.
7. Veiga P, Torres AC, Aneiros F, Sousa-Pinto I, Troncoso JS, **Rubal M.** 2016. Consistent patterns of variation in macrobenthic assemblages and environmental

variables over multiple spatial scales using taxonomic and functional approaches. *Marine Environmental Research* 120: 191-201.

8. **Rubal M**, Veiga P, Fontoura P, Santos E, Sousa-Pinto I. 2016. Biodiversity of marine tardigrades from Northern coast of Portugal (Iberian Peninsula). A comparison among habitats. *Zoological Journal of the Linnean Society*. 178:747-754.
9. Esquete P, **Rubal M**, Veiga P, Troncoso J. 2016. New records of Sea Spiders (Arthropoda: 3 Pycnogonida) for continental Portugal and notes on species distribution. *Marine Biodiversity Records* 9: 24-29.
10. Veiga P, **Rubal M**, Sousa-Pinto I. 2016. Meiofaunal assemblages associated with native and non-indigenous macroalgae. *Continental Shelf Research* 123: 1–8.
11. **Rubal M**, Veiga P, Maldonado C, Torres AC, Moreira J. 2015. Population attributes and traits of *Siphonaria pectinata* (Mollusca: Siphonariidae) in range-edge and non range-edge populations at its Eastern Atlantic northern distribution boundary. *Journal of Experimental Marine Biology and Ecology* 471: 41-77.
12. Esquete P, **Rubal M**, Veiga P, Troncoso JS. 2015. A new species of heterochelous tanaidacean *Tanaissus* (Paratanaoidea: Tanaissuidae) from the north-west Iberian Peninsula. *Zootaxa* 3995: 189-202.
13. Torres AC, Veiga P, **Rubal M**, Sousa-Pinto I. 2015. The role of annual macroalgal morphology in driving its epifaunal assemblages. *Journal of Experimental Marine Biology and Ecology* 464: 96-106.
14. Matias MG, Arenas F, **Rubal M**, Sousa-Pinto I. 2015. Macroalgal Composition Determines the Structure of Benthic Assemblages Colonizing Fragmented Habitats. *PLoS ONE* 10(11): e0142289. doi:10.1371/journal.pone.0142289
15. Aneiros F, **Rubal M**, Troncoso JS, Bañón R. 2015. Subtidal benthic megafauna in a productive and highly urbanised semi-enclosed bay (Ría de Vigo, NW Iberian Peninsula). *Continental Shelf Research* 110: 16-24.
16. Veiga P, **Rubal M**, Sousa-Pinto I. 2014. Structural complexity of macroalgae influences epifaunal assemblages associated with native and invasive species. *Marine Environmental Research* 101: 115-123
17. Veiga P, Torres AC, **Rubal M**, Troncoso J, Sousa-Pinto I. 2014. The invasive kelp *Undaria pinnatifida* (Laminariales, Ochrophyta) along the north coast of

Portugal: distribution model versus field observations. *Marine Pollution Bulletin* 84: 363-365.

18. Reis PA, Cassiano J, Veiga P, **Rubal M**, Sousa-Pinto I. 2014. *Fucus spiralis* as monitoring tool of metal contamination in the northwest coast of Portugal under the European Water Framework Directives. *Environmental Monitoring and Assessment* 186: 5447–5460.
19. **Rubal M**, Veiga P, Reis PA, Bertocci I, Sousa-Pinto I. 2014. Effects of subtle pollution at different levels of biological organisation on species-rich assemblages. *Environmental Pollution* 191: 101-110.
20. Veiga P, **Rubal M**, Cacabelos E, Maldonado C, Sousa-Pinto I. 2014. Spatial variability of macrobenthic zonation on exposed sandy beaches. *Journal of Sea Research* 90: 1-9.
21. **Rubal M**, Veiga P, Moreira J, Sousa-Pinto I. 2014. The gastropod *Phorcus sauciatus* (Koch, 1845) along the north-west Iberian Peninsula: filling historical gaps. *Helgoland Marine Research* 68: 169-177.
22. Gestoso I, Arenas F, **Rubal M**, Veiga P, Peña M, Olabarria C. 2013. Shifts from native to non-indigenous mussels: enhanced habitat complexity and its effects on faunal assemblages. *Marine Environmental Research* 90: 85-95.
23. Cacabelos E, Olabarria C, Viejo R, **Rubal M**, Veiga P, Incera M, Gestoso I, Vaz-Pinto F, Mejia A, Engelen AH, Arenas F. 2013. Invasion of *Sargassum muticum* in intertidal rockpools: patterns along the Atlantic Iberian Peninsula. *Marine Environmental Research* 90:18-26.
24. Veiga P, **Rubal M**, Cacabelos E, Moreira J, Sousa-Pinto I. 2013. Abundance and fragmentation patterns of the ecosystem engineer *Lithophyllum byssoides* (Lamarck) Foslie along the Iberian Peninsula Atlantic coast. Conservation and management implications. *Journal of Sea Research* 80: 40-46.
25. Olabarria C, Arenas F, Viejo RM, Gestoso I, Vaz-Pinto F, Incera M, **Rubal M**, Cacabelos E, Veiga P, Sobrino C. 2013. Response of macroalgal assemblages from rockpools to climate change: effects of persistent increase in temperature and CO₂. *Oikos* 122: 1065-1079.
26. **Rubal M**, Veiga P, Fontoura P, Sousa-Pinto I. 2013. A new intertidal arthrotardigrade, *Prostygarctus aculeatus* gen. nov., sp. nov. (Tardigrada: Heterotardigrada) from the North of Portugal (Atlantic ocean). *Journal of Limnology* 72: 8-14.

27. **Rubal M**, Veiga P, Cacabelos E, Moreira J, Sousa-Pinto I. 2013. Increasing sea surface temperature and range shifts of intertidal gastropods along the Iberian Peninsula. *Journal of Sea Research* 77: 1-10.
28. Veiga P, **Rubal M**, Vieira R, Arenas F, Sousa-Pinto I. 2013. Spatial variability in intertidal macroalgal assemblages on the North Portuguese coast. Consistence between species and functional groups approaches. *Helgoland Marine Research* 67: 191-201.
29. Martins GM, Faria J, **Rubal M**, Neto AI. 2013. Linkages between rocky reefs and soft-bottom habitats: Effects of predation and granulometry on Sandy macrofaunal assemblages. *Journal of Sea Research* 81: 1-9.
30. **Rubal M**, Larsen K. 2013. A new species of Ingolfiellidae (Peracarida, Amphipoda, Crustacea) from the Azores, Portugal. *Helgoland Marine Research* 67: 149-154.
31. Martínez B, Arenas F, **Rubal M**, Burgués S, Esteban R, García-Plazaola I, Figueroa FL, Pereira R, Saldaña L, Sousa-Pinto I, Trilla A, Viejo RM. 2012. Physical factors driving intertidal macroalgae distribution: physiological stress of a dominant fucoid at its southern limit. *Oecologia* 170: 341-353.
32. **Rubal M**, Besteiro C, Veiga P. 2012. Intertidal meiofauna communities along a salinity gradient. Relationship with environmental factors and similarity with macrobenthic communities distribution. *Journal of the Marine Biological Association of the United Kingdom* 92: 63-72.
33. **Rubal M**, Veiga P, Vieira R, Sousa-Pinto I. 2011. Seasonal patterns of tidepool macroalgal assemblages in the North of Portugal. Consistence between species and functional group approaches. *Journal of Sea Research* 66: 187-194.
34. Veiga P, **Rubal M**, Arenas F, Incera M, Olabarria C, Sousa-Pinto I. 2011. Does *Carcinus maenas* facilitate the invasion of *Xenostrobus securis*? *Journal of Experimental Marine Biology and Ecology* 406: 14-20.
35. Veiga P, Besteiro C, **Rubal M**. 2011. Meiobenthic communities structure at different spatial scales on sandy beaches from a ria environment. The role of abiotic factors. *Marine Biology Research* 7(5): 425-435.
36. **Rubal M**, Guilhermino LM, Medina MH. 2011. Two strategies to live in low chronic pollution estuaries: The potential role of life style. *Ecotoxicology and Environmental Safety* 74: 1226-1231

37. Moreira J, Veiga P, **Rubal M**. 2010. First record of *Pisione guanche* (Polychaeta, Pisionidae) at the Azores archipelago. *Marine Biodiversity Records* 3: 1-6.
38. Veiga P, Besteiro C, **Rubal M**. 2010. Meiofauna communities in exposed sandy beaches on the Galician coast (NW Spain), six months after the Prestige oil spill: the role of polycyclic aromatic hydrocarbons (PAHs). *Scientia Marina* 74(2): 385-394.
39. Veiga P, Besteiro C, **Rubal M**. 2010. The role of sediment type on the vertical distribution of meiofauna at two Galician rias (NW Iberian Peninsula). *Cahiers de Biologie Marine* 51: 249-263.
40. Veiga P, **Rubal M**, Besteiro C. 2009. First record of *Orzeliscus belopus* Du Bois-Reymond Marcus, 1952 (Tardigrada Arthrotardigrada) in the Iberian Peninsula with notes about other tardigrades found in the Rias of O Barqueiro and Foz (Galicia, NW Iberian Peninsula). *Bol. R. Soc. Esp. Hist. Nat. Sec. Biol.* 103(1-4): 59-65.
41. **Rubal M**, Veiga P, Besteiro C. 2009. Nematode/Copepod index: importance of sedimentary parameters, sampling methodology and baseline values. *Thalassas an International Journal of Marine Sciences* 25 (1): 9-18.
42. Veiga P, **Rubal M**, Besteiro C. 2009. Shallow sublittoral meiofauna communities and sediment polycyclic aromatic hydrocarbons (PAHs) content on the Galician coast (NW Spain), six months after the Prestige oil spill. *Marine Pollution Bulletin* 58: 581-588.
43. **Rubal M**, Guilhermino LM, Medina MH. 2009. Individual, population and community level effects of subtle anthropogenic contamination in estuarine meiobenthos. *Environmental Pollution* 157: 2751-2858.
44. **Veiga P**, Rubal M, Besteiro C. 2007. Preliminary study of fuel effects on the meiofauna of some Galician beaches, during the first days of the Prestige oil spill. *Nov. Act. Cient. Comp. Biol.* 16: 87-99.