

## MARC RIUS

Lecturer

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### POSITIONS HELD

- 2015 - *present*: Research Fellow  
Centre for Ecological Genomics, University of Johannesburg, South Africa.
- 2014 - *present*: Lecturer (level 5, balanced career pathway)  
School of Ocean and Earth Science, University of Southampton, United Kingdom.
- 2013: Marie Curie Postdoctoral Fellow (*returning phase*)  
Department of Marine Ecology, Centre for Advanced Studies, Spanish Research Council.
- 2011 - 2012: Marie Curie Postdoctoral Fellow (*outgoing phase*)  
Department of Evolution and Ecology, University of California Davis, USA.
- 2009 - 2010: Centre for Invasion Biology Postdoctoral Fellow  
Centre of Excellence for Invasion Biology, University of Cape Town, South Africa.
- 2005 - 2008: PhD candidate  
Department of Animal Biology, University of Barcelona, Spain.
- 2003 - 2004: MSc candidate  
Department of Zoology and Entomology, Rhodes University, South Africa.

### EDUCATION

- 2017: Postgraduate Certificate in Academic Practice, Higher Education Academy, UK.
- 2016: Fellow of the Higher Education Academy, UK.
- 2008: PhD (Biological Sciences) with distinction, University of Barcelona, Spain.
- 2004: MSc (Marine Biology), Rhodes University, South Africa.
- 2002: BSc (Biology), University of Barcelona, Spain.

### SELECTED RESEARCH GRANTS

- 2020-2023: Climate Change and Future Marine Ecosystem Services and Biodiversity. H2020 grant from the European Union (EU, LC-CLA-2018-2019-2020). *Amount*: 8,555,911€.
- 2019-2021: Development and application of molecular surveillance methods to facilitate the spatial mapping of marine invasive species in Irish nearshore and benthic habitats. European Maritime Fisheries Fund grant (EU). *Amount*: £448,866.
- 2019-2021: Building Resilience in Galápagos Ecosystem Management to Severe Climate Change. Royal Society Challenge Led grant. *Amount*: £435,484.
- 2018: Fellowship award from the OECD's Co-operative Research Programme. *Amount*: £6,253.
- 2017: World Register of Introduced Marine Species editor workshop. LifeWatch grant (EU). *Amount*: £9,650.
- 2017: Researcher Links Workshop Grant between the United Kingdom and China. British Council / Newton Fund. *Amount*: £33,555.
- 2016-2018: Competitive Programme Rated Researchers Scheme 2015, National Science Foundation, South Africa. *Amount*: £37,927.
- 2016: World Register of Marine Species editor workshop. LifeWatch grant (EU). *Amount*: £5,650.
- 2015-2016: 'Adventure in Research' grant to support newly-appointed junior members of the academic staff in the early career stages, University of Southampton. *Amount*: £40,000.
- 2011 - 2013: Marie Curie International Outgoing Fellowship for Career Development (EU, FP7-PEOPLE-2009-IOF). *Amount*: £221,799.

### SELECTED PEER-REVIEWED PUBLICATIONS

- Rius M**, Turon X (2020) Phylogeography and the description of geographic patterns in invasion genomics. *Frontiers in Ecology and Evolution* 8: 595711
- Hudson J, Johannesson K, McQuaid CD, **Rius M** (2020) Secondary contacts and genetic admixture shape colonisation by an amphiatlantic epibenthic invertebrate. *Evolutionary Applications* 13: 600-612

- Holman LE, de Bruyn M, Creer S, Carvalho GR, Robidart J, **Rius M** (2019) Detection of introduced and resident marine species using environmental DNA metabarcoding of sediment and water. *Scientific Reports* 9: 11559
- Wort EJG, Chapman MA, Hawkins SJ, Henshall L, Pita A, **Rius M**, Williams S, Fenberg PB (2019) Contrasting genetic structure of sympatric congeneric gastropods: do differences in habitat preference, abundance, and distribution matter? *Journal of Biogeography* 46: 369-380
- Darling JA, Galil BS, Carvalho GR, **Rius M**, Viard F, Piraino S (2017) Recommendations for developing and applying genetic tools to assess and manage biological invasions in marine ecosystems. *Marine Policy* 85: 54-64
- Rius M**, Teske PR, Manríquez PH, Suárez-Jiménez R, McQuaid CD, Castilla JC (2017) Ecological dominance along rocky shores, with a focus on intertidal ascidians. *Oceanography and Marine Biology: An Annual Review* 55: 55-84
- Hudson J, Viard V, Roby C, **Rius M** (2016) Anthropogenic transport of species across native ranges: unpredictable genetic and evolutionary consequences. *Biology Letters* 12: 0620
- Rius M**, Bourne S, Hornsby HG, Chapman MA (2015) Applications of next generation sequencing to the study of biological invasions. *Current Zoology* 61: 488-504
- Rius M**, Turon X, Bernardi G, Volckaert FAM, Viard F (2015) Marine invasion genetics: from spatio-temporal patterns to evolutionary outcomes. *Biological Invasions* 17: 869-885
- Rius M**, Darling JA (2014) How important is intraspecific genetic admixture to the success of colonising populations? *Trends in Ecology and Evolution* 29: 233-242
- Rius M**, Clusella-Trullas S, McQuaid CD, Navarro R, Griffiths CL, Matthee CA, von der Heyden S, Turon X (2014) Range expansions across ecoregions: interactions of climate change, physiology and genetic diversity. *Global Ecology and Biogeography* 23: 76-88

I have published 51 peer-reviewed papers in ISI-JCR journals, with 50% of my papers as lead author, 23% as senior author, 74% as lead or corresponding author. My papers have been cited >3500 times, with >80% of these citations since 2013, h-index = 29, i10-index = 47. See up-to-date publications and citations: <http://scholar.google.com/citations?user=gBh1wFwAAAAAJ&hl=en>

#### EDITORIAL BOARD

- 2017 - present: Associate editor of the international journal *Marine Biology*.
- 2015 - present: Associate editor of the *World Register of Introduced Marine Species*.
- 2014 - present: Associate editor of the international journal *Biological Invasions*.
- 2009 - present: Associate editor of the *World Register of Marine Species*.

#### PROPOSALS REVIEWED FOR

- 2020: National Research Agency, Spain; National Science Foundation, USA; IPBES.
- 2019: Icelandic Research Fund, Iceland; The Leverhulme Trust, UK.
- 2018: National Science Foundation and Puerto Rico Sea Grant, USA; European Framework Programme for Research Horizon 2020, Marie Skłodowska-Curie Individual and Global Fellowships (H2020-MSCA-IF-2018 and H2020-MSCA-GF-2018); NERC, UK.
- 2017: National Science Foundation and Puerto Rico Sea Grant, USA.
- 2016: H2020-MSCA-IF-2016 and H2020-MSCA-GF-2016; Ministerio de Ciencia, Tecnología e Innovación, Argentina; Estonian Research Council.
- 2015: Marie Skłodowska-Curie Individual and Global Fellowships (H2020-MSCA-IF-2015 and H2020-MSCA-GF-2015); British Ecological Society; Israel Science Foundation.

#### JOURNAL REVIEWER

2008 - present: >75 times, including leading journals such as *PNAS*, *TREE*, *Diversity Distrib.*, *Ecography*, *Ecol.Lett.*, *Ecology*, *Evol.Appl.*, *Evolution*, *Global Chang.Biol.*, *Global Ecol.Biogeogr.*, *Mol.Ecol.*, *Proc.Roy.Soc.B* and *Sci.Rep.* See: <https://publons.com/author/252738/marc-rius>.

#### INVITED PRESENTATIONS & SCIENTIFIC ADVISOR

- I have been invited 31 times to present my work (two keynote talks) in academic institutions and international workshops around the world (e.g. Smithsonian Environmental Research Centre and the Universities of California Davis, Gothenburg, Groningen, Hong Kong and Melbourne).
- 55 presentations in conferences, 40 oral presentations, three times as invited session chair.