

## Short CV – Rodrigo Almeda

### Degrees

- PhD, Marine Sciences. University of Barcelona, Spain (2011).
- MSc, Marine Sciences. University of Barcelona, Spain (2005).
- BSc, Biology (specialization in Marine Biology). University of La Laguna, Canary Islands, Spain (2003).

### Positions

- Researcher (august 2018-present)
- Postdoc, DTU Aqua, Technical University of Denmark (2014-Jul. 2018).
- Postdoc, University of Texas at Austin Marine Science Institute, USA (2012-2014).
- Assistant Researcher, Institute for Food and Agricultural Research and Technology, Spain (2011).
- PhD Research Fellow, Spanish National Research Council, Spain (2006-2011).
- MSc Research Fellow, Spanish National Research Council, Spain (2004-2005).

### Research area

Plankton ecology from species- to community-level, the structure and dynamics of marine food webs, and their response to environmental and anthropogenic stressors, particularly oil and microplastic pollution.

### Distinctions and awards

- *PhD Extraordinary Award* (2012) from University of Barcelona, Spain. Best PhD thesis in Ecology in 2011.
- Certificate of recognition from the *17<sup>th</sup> Award of the Council of Doctors of the University of Barcelona* (2013) for outstanding thesis finished at the University of Barcelona in 2011.
- *Extraordinary Graduate Award* from University of La Laguna (Canary Islands) (2004). Awarded to the best curriculum of highest marks that finished the degree in Biology in 2003.

### Selected Fellowships/Grants (as PI):

- Grant from Orients Foundation, 2019. Awarded amount: 500000 DKK.
- HC Ørsted fellowship, Technical University of Denmark DTU, 2017-2018. Awarded amount: 500000 DKK
- Marie Curie Fellowship, 7<sup>th</sup> EU Framework Programme, 2015-2017. Awarded amount: 1650000 DKK
- Postdoc Grant, Danish Council for Independent Research, 2014-2015. Awarded amount: 1908000 DKK

**Publications:** 38 publications in Q1 journals, 17 as the 1<sup>st</sup> author, i10-index=25; h-index=15; >830 citations.

**Conferences:** >60 contributions to scientific meetings including 22 international conferences.

### Participation in research oceanographic cruises (leading research tasks)

- Northern Gulf of Mexico (4 weeks, 2012, 2013)
- Antarctic Ocean (6 weeks, 2009)
- Arctic Ocean (4 weeks, 2007)
- NW Mediterranean (2 weeks, 2005).

### Research stays (1-6 months)

- Hellenic Centre for Marine Research (Greece, 2018)
- Sven Lovén Centre for Marine Sciences (Sweden, 2015)
- Great Lakes WATER Institute, University of Wisconsin-Milwaukee (USA, 2012)
- Roskilde University (Denmark, 2007)
- Bamfield Marine Sciences Center, Vancouver Island (Canada, 2006)

### Supervision of graduate students and contributions to research and teaching programs

- Co-supervisor (*de facto* main supervisor) of PhD student: Hans van Someren Gréve. DTU-Aqua (2014-2017)
- Co-supervisor of PhD student: Mark Wejlemann Holm. Roskilde University (2014-2017)
- Co-supervisor of MSc student: Tracy Harvey. University of Texas at Austin, USA (2013-2014).
- Mentor in Biological Oceanography Course (DTU), 5 students (2017, 2018)
- Mentor for Intern funded from European Social Fund Program, DTU AQUA (2016).
- US National Science Foundation-REU program, University of Texas Marine Science Institute (2012,2013)

### Reviewer/Institutional responsibilities/ commissions of trust

- Reviewer for 25 international scientific journals, 2010-present.
- Evaluator-Graduate Research Fellowship Program. Oil Spill Recovery Institute (USA), 2017
- Member of PhD Committee, University of Las Palmas de Gran Canaria (Spain), 2014.
- Guest editor, The Scientific World Journal, 2014
- Evaluator, Marine Sciences PhD Program. Technical University of Catalonia (Spain), 2013
- Scientific Reviewer for the Chilean National Science and Technology Research Fund, 2012

### Five selected publications

- Almeda R., Cosgrove, S., Buskey E.J. (2018) Oil spills and dispersants can cause the initiation of potentially harmful dinoflagellate blooms (“red tides”). *Environmental Science and Technology* 52, 5718-5724.
- Almeda R., van Someren Gréve H., Kiørboe T. (2018) Prey perception mechanism determines maximum clearance rates in planktonic copepods. *Limnology and Oceanography*. doi: 10.1002/lno.10969.
- van Someren Gréve H., Kiørboe T., Almeda R. (2019) Bottom-up behaviorally mediated trophic cascades in plankton food webs. *Proceedings of the Royal Society of London-B* 20181664.
- Almeda R., van Someren Gréve H., Kiørboe T. (2017). Behavior is a major determinant of predation risk in zooplankton. *Ecosphere* 8:e01668.
- Almeda R., Connelly T.L., Buskey E. (2014). Novel insight into the role of heterotrophic dinoflagellates in the fate of crude oil in the sea. *Nature Scientific Reports* 4, 7560