

ADRIÀ AULADELL



EDUCATION

current
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2017



PhD Candidate, Microbiology

Ecology of Marine Microbes Group

📍 Marine Sciences Institute (CSIC)

- Short stay (February 2020 / March 2020) in Barberan Lab, University of Arizona

2016
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2015



MSC in Bioinformatics for the Health Sciences

Pompeu Fabra University

📍 Barcelona

- Thesis title: Interannual seasonal dynamics of aerobic anoxygenic photo-heterotrophs in the NW Mediterranean

2014
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2010



Degree in Microbiology

Autonomous University of Barcelona

📍 Bellaterra

- Bachelor thesis: Recombinant *Vibrio cholerae* ghost as a delivery vehicle for vaccinating against *Staphylococcus aureus*



RESEARCH EXPERIENCE

2015
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2014



Research Assistant

Chair UNESCO of Sustainability

📍 Polytechnic University of Catalonia

- Participation in the project "Regeneration And Reuse Of Runoff And Drainage Water In Agricultural Plots By Combined Natural Water Treatment Systems (REAGRITTECH)" as a researcher.
- Coordination of the study "Pilot plant optimization" for the company noNO3 Water Solutions.
- Study of cork as biosorbent of pesticides in constructed wetlands.

2015
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2015



Temporary researcher - teacher

Tecnológico de Antioquia

📍 Medellín, Colombia

- Environmental microbiology course taught to students from environmental engineering degree.
- Integrated management of water resources for irrigation of communal garden areas in Moravia.

2014

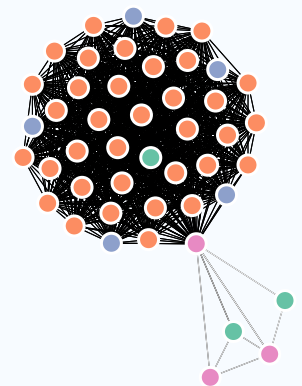


Research Assistant

Centre de Recerca en Sanitat Animal

📍 Bellaterra

- Isolation of resistant strains and phenotype characterization. Study of resistance genes and pathogen genes by PCR.



CONTACT

✉ adriaaulamart@gmail.com

🐦 [AdriAuladell](#)

🔗 github.com/adriaaula



adriaaula.github.io/aauladell/

LANGUAGE SKILLS

R

Bash

Python

AWK



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2020 ● **Seasonality and niche comparison between closely related amplicon sequence variants in a marine coastal environment**
Under Review
• Authored with Albert Barberan, Ramiro Logares, Josep M. Gasol and Isabel Ferrera
- 2020 ● **Performance of the melting seawater–ice elution method on the metabarcoding characterization of benthic protist communities¹**
Environmental Microbiology Reports
• Authored with Albert Reñé, Guillaume Reboul, David Moreira and Purificación López-García
- 2019 ● **Long-term seasonal and interannual variability of marine aerobic anoxygenic photoheterotrophic bacteria.²**
The ISME Journal
• Authored with Pablo Sánchez, Olga Sánchez, Josep M. Gasol, and Isabel Ferrera
- 2019 ● **Seasonality of biogeochemically relevant genes in the NW Mediterranean coastal microbiome**
16th Symposium of Aquatic Microbial Ecology
• Authored with Isabel Ferrera, Lidia Montiel, Célio Dias Santos Junior, Ramiro Logares, Vanessa Balagué and Josep M. Gasol
- 2018 ● **Patterns of bacterioplankton diversity and community structure along contrasting cross-shore environmental gradients in the northwestern Mediterranean coast**
ASLO Summer meeting
• Poster presented by Isabel Ferrera. Authored with Isabel Ferrera, Albert Reñé, Elisabet Alacid, Gotzon Basterretxea and Esther Garcés