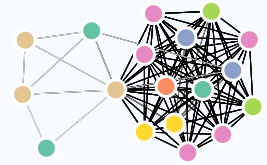


ADRIÀ AULADELL



EDUCATION

- current
|
2017
- **PhD Candidate, Microbiology**
Ecology of Marine Microbes Group 📍 Marine Sciences Institute (CSIC)
 - Short stay (February 2020 / March 2020) in Barberán Lab, University of Arizona
- 2016
|
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
|
2010
- **Degree in Microbiology**
Autonomous University of Barcelona 📍 Bellaterra
 - Bachelor thesis: Recombinant *Vibrio cholerae* ghost as a delivery vehicle for vaccinating against *Staphylococcus aureus*

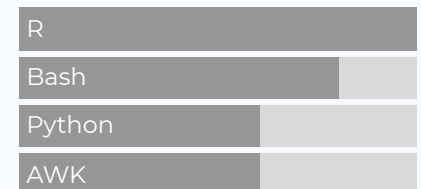
RESEARCH EXPERIENCE

- 2015
|
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
|
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

- ✉ aauladell@icm.csic.es
- 🐦 [AdriAuladell](#)
- 🔗 github.com/adriaaula
- 🔗 aauladell.netlify.app

LANGUAGE SKILLS





SELECTED PUBLICATIONS

- 2020 ● **Seasonality and niche comparison between closely related amplicon sequence variants in a marine coastal environment¹**
Under Review
• Adrià Auladell, Albert Barberán, Ramiro Logares, Josep M. Gasol and Isabel Ferrera
- 2020 ● **Performance of the melting seawater–ice elution method on the metabarcoding characterization of benthic protist communities²**
Environmental Microbiology Reports
• Albert Reñé, Adrià Auladell, Guillaume Reboul, David Moreira and Purificación López-García
- 2020 ● **Differential recruitment of opportunistic taxa leads to contrasting abilities in carbon processing by bathypelagic and surface microbial communities³**
Environmental Microbiology
• Marta Sebastian, Irene Forn, Adrià Auladell, Markel Gómez-Letona, M. Monserrat Sala, Josep M. Gasol and Celia Marrasé
- 2020 ● **Seasonal impact of grazing, viral mortality, resource availability and light on the group-specific growth rates of coastal Mediterranean bacterioplankton⁴**
Scientific Reports
• Olga Sánchez, Isabel Ferrera, Isabel Mabrito, Carlota R. Gazulla, Marta Sebastián, Adrià Auladell, Carolina Marín-Vindas, Clara Cardelús, Isabel Sanz-Sáez, Massimo C. Pernice, Cèlia Marrasé, M. Monserrat Sala & Josep M. Gasol
- 2019 ● **Long-term seasonal and interannual variability of marine aerobic anoxygenic photoheterotrophic bacteria.⁵**
The ISME Journal
• Adrià Auladell, Pablo Sánchez, Olga Sánchez, Josep M. Gasol, and Isabel Ferrera



LINKS

- 1: <https://www.biorxiv.org/content/10.1101/2020.12.17.423265v1>
- 2: <https://sfamjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1758-2229.12834>
- 3: <https://sfamjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1462-2920.15292>
- 4: <https://www.nature.com/articles/s41598-020-76590-5>
- 5: <https://www.nature.com/articles/s41396-019-0401-4>



POSTERS AND TALKS

- 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





TEACHING EXPERIENCE

- 2019 • **Coordination of bachelor's degree final project**
Ecology of Marine Microbes Group  Marine Sciences Institute (CSIC)
 - Nuria Valldeoriola (Universitat Pompeu Fabra, 2019)
- 2018 | 2017 • **Co-coordination of master thesis students**
Ecology of Marine Microbes Group  Marine Sciences Institute (CSIC)
 - Sergio Estruch (Universitat de Barcelona, 2017)
 - Daniel Romano (Universitat de Barcelona, 2017)



PROJECTS

- ongoing | 2018 • **ICM young researchers**
Ecology of Marine Microbes Group  Marine Sciences Institute (CSIC)
 - Co-coordinator and founder
 - Association of young scientists to promote knowledge-sharing and discuss social issues in the institution.
- 2016 • **Barcelona Unseminars in Bioinformatics**  Pompeu Fabra University
 - Organizer and founder
 - Informal seminars to discuss hot topics such as data visualization, data management and improve oral talks.