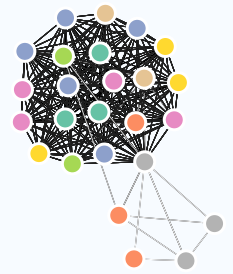


ADRIÀ AULADELL

Microbial ecologist | Data Scientist

Specialized in the analysis of microbiome data through high throughput sequencing. Highly skilled in biostatistics and bioinformatics mainly through R. I enjoy contributing to open-source projects and spreading knowledge by creating meaningful and appealing visualizations.



EDUCATION

- 2022 | 2017** ● **PhD, Microbiology**
Marine Sciences Institute (CSIC) 📍 Barcelona
 - Thesis title: Seasonality of marine prokaryotes using taxonomic and functional diversity approaches.
 - Short stay (Feb-Mar 2020) in Barberán Lab, University of Arizona.
- 2016 | 2015** ● **MSC in Bioinformatics for the Health Sciences**
Pompeu Fabra University 📍 Barcelona
 - Master thesis: Interannual seasonal dynamics of aerobic anoxygenic photoheterotrophs 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*.

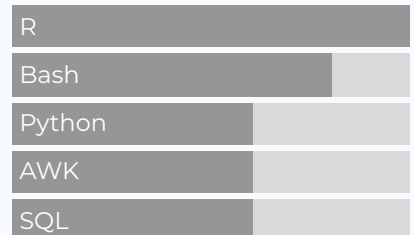
RESEARCH EXPERIENCE

- Sept 2015 | March 2015** ● **Temporary researcher - teacher**
Tecnológico de Antioquia 📍 Medellín
 - Environmental microbiology course taught to students from environmental engineering degree and research in multiple projects.
- 2015 | 2014** ● **Research Assistant**
Chair UNESCO of Sustainability 📍 Terrassa
 - 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.
- 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
- 🔗 aauladell.netlify.app

CODING SKILLS








SELECTED PUBLICATIONS

- 2022 ● **Seasonal niche differentiation among closely related marine bacteria**
The ISME Journal
• 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 communities**
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 communities**
Environmental Microbiology
• Marta Sebastián, 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 bacterioplankton**
Scientific Reports
• Olga Sánchez, Isabel Ferrera, Isabel Mabrito, Carlota R. Gazulla, Marta Sebastián, Adrià Auladell *et. al.*
- 2019 ● **Long-term seasonal and interannual variability of marine aerobic anoxygenic photoheterotrophic bacteria.**
The ISME Journal
• Adrià Auladell, Pablo Sánchez, Olga Sánchez, Josep M. Gasol, and Isabel Ferrera



CONFERENCES

- 2020 ● **Seasonality and niche differentiation between closely related bacteria in a marine coastal environment**
ISME UniteDiversity  Virtual
- 2019 ● **Seasonality of biogeochemically relevant genes in the NW Mediterranean coastal microbiome**
16th Symposium of Aquatic Microbial Ecology  Potsdam
- 2019 ● **Seasonality of functionally relevant genes in the NW Mediterranean coastal microbiome**
Meeting of the Iberian Ecological Society (SIBECOL)  Barcelona



TRAINING, COURSES, SEMINARS

- 2022 ● **Effective communication**
Marine Sciences Institute (CSIC)  Barcelona
• Course to gain assertivity and abilities to communicate needs efficiently.

- 2020

Past, present and future role of women in marine sciences

Instituto Español de Oceanografía (IEO)

 - Seminar of the impact of feminism in marine sciences.

Málaga
- 2018

Resolving microbial communities at strain-level resolution

University of Exeter

 - Workshop to deepen the knowledge of methods of strain differentiation.

Penryn
- 2018

Ecology through the omics lens

Marine Sciences Institute (CSIC)

 - Workshop discussing the main contributions of omics to ecology.

Barcelona



TEACHING EXPERIENCE

- 2019

Coordination of bachelor's degree final project

Ecology of Marine Microbes Group

 - Nuria Valldeoriola (Universitat Pompeu Fabra, 2019)

Marine Sciences Institute (CSIC)
- 2018
|
2017

Co-coordination of master thesis students

Ecology of Marine Microbes Group

 - Sergio Estruch (Universitat de Barcelona, 2017)
 - Daniel Romano (Universitat de Barcelona, 2017)

Marine Sciences Institute (CSIC)



PROJECTS

- 2022
|
2018

ICM young researchers

Ecology of Marine Microbes Group

 - Co-coordinator and founder
 - Association of young scientists to promote knowledge-sharing and discuss social issues in the institution.

Marine Sciences Institute (CSIC)
- 2016

Barcelona Unseminars in Bioinformatics

 - Organizer and founder
 - Informal seminars to discuss hot topics such as data visualization, data management and improve oral talks.

Pompeu Fabra University