

PhD student

Sarah Boulamail



Education

- **October 2020-present** PhD student in Ecology, Supervisor Prof. Alberto Basset
University of Salento, Italy
- **October 2017- July 2019** Master double degree in Coastal Marine Biology and Ecology, score **110/110**
University of Salento (Italy) and University of Lille (France)
- **September 2013 - March 2017 Bachelor degree** Biological Science Biomolecular address, final score **88/110**
University of Turin, Italy
- **2008-2013 High School Diploma Science and Languages** (Italian, English and French)
Liceo scientifico M. Curie, Pinerolo, Turin (Italy)

Publication list

- **Sarah Boulamail**, Milad Shokri, Francesco Cozzoli, Daphne Cortese, Alberto Basset, Oluwaseun Ojelade5, Shaun S. Killen
Metabolic rate, body size, and sex exert interactive and independent effect on foraging behaviour at different temperatures a case study on a fresh water fish *Poecilia sphenops*. (In prep)
- **Sarah Boulamail**, Milad Shokri, Francesco Cozzoli, Alberto Basset
Consistency of standard metabolic rate as a driver of foraging behaviour during ontogeny: a study on *Gammarus insensibilis*. (In prep)
- Oluwaseun Ojelade, Zoe Storm, Cheng Fu, Daphne Cortese, Amelia Munson, **Sarah Boulamail**, Mar Pineda, Daiani Kochhann, Shaun Killen
Simulated capture and discard associated with an ornamental fishery affect the metabolic rate and aerobic capacity of three-striped dwarf cichlids *Apistogramma trifasciata* (In press) Conservation Physiology.
- **Sarah Boulamail**, Milad Shokri, Francesco Cozzoli, Daphne Cortese, Alberto Basset, Shaun S. Killen
Metabolic rate and body size exert interactive and independent effect on foraging behaviour at different temperatures in *Poecilia sphenops*. Poster Society for Experimental Biology, Conference 5th July 2023
- F Cozzoli, M Shokri, **S Boulamail**, V Marrocco, F Vignes, A Basset
The size dependency of foraging behaviour: an empirical test performed on aquatic amphipods Oecologia 199 (2), 377-386, 9th June 2022
- A Toso, **S Boulamail**, N Lago, C Pierri, S Piraino, A Giangrande
First description of early developmental stages of the native invasive fireworm *Hermodice*

carunculata (Annelida, Amphinomidae): a cue to the warming of the Mediterranean Sea
Mediterranean Marine Science 21 (2), 442-447, 3rd July 2020

Grants and Work Experiences:

- September 9th 2022 **Travelling Fellowships** funded by “The company of biologists”: of 2800 £ to support my research at the University of Glasgow
- September 2021 **PIN (pugliesi innovativi)**: project of 28'787 € funded by region Puglia
- **September 2018 - December 2018 University of Lille, France**
Master degree ERASMUS + (Double degree) Function and Management of Marine Ecosystems (FOGEM)
- **January 2016 - June 2016 University of Rouen- Normandie, France**
ERASMUS PLUS EXPERIENCE during the second semester of my third year of Bachelor
- **June 2020- September 2020 naturalistic guide**
Naturalistic guide with the agency Naturalmente Salento, practicing trekking, kayak and scientific disclosure
- **January 2019-June 2019 Internship at the University of Salento, Apulia, Italy**
Characterization of macrofouling invertebrates and macroalgae, in the vicinity of an IMTA (Integrated Multi TrophicAquaculture).
- **February 2018-February 2019 ENTREFISH**
European master: Entrepreneurship for new employment and new skills in fisheries and aquaculture's SMEs is a project funded under the “Blue Careers”.
- **5-15 March 2018 Schmidt Training Course**
Laboratory activities exploring from a molecular and ecological approach different taxa from porifera to vertebrate.
- **May2016-June 2016 Internship at the University of Rouen, Normandie, France**
Work in cell culture, cell transfection. Identification and description of the pharmacological profile of a protein of interest for the group. Tutor: Dr. Alim Karima

Laboratory and Analytical Skills:

PILA fish course level A and B course: personal license to perform procedures on vertebrates and cephalopods.

Eco-Physiology: Open flow system respirometry, mesocosm maintenance

Molecular biology: PCR, use of Chimera 10.2 to visualize proteins structures

Biochemistry: electrophoresis, Western Blot

IT: Microsoft Office Pack, R Statistics, Power Point, PRIMER, past, ImageJ, Ethovision system

Additional Skills and Licenses:

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| • Italian native speaker | • Open water diver FIAS CMAS |
| • French C1, DELFI certificate level B2 | • Driving license |
| • English level B2 First certificate | • Available for mobility |
| • Arabic level B2 speaker | • Team player |
| | • Reliable and self-confident |
| | • Proficient in languages |

