

MALARD LUCIE

01/01/1993

lucie.malard@ug.net.au



Research Interests

Microbiology - Genomics - Marine Ecology - Biological Networks and Interactions

Education

Marie Curie Fellow - PhD student - Microbiology

Northumbria University, Newcastle, ENGLAND

MicroArctic consortium - 2016-2020

Bachelor of Science Honours - Marine Ecology - 2014-2015

The University of Queensland, Brisbane, AUSTRALIA

First Class Honours, Graduation July 2015.

Thesis: The spatial dynamics of habitat use of *Bathygobius cocosensis* in the rocky intertidal environment.

Supervisors: Assoc. Prof. Cynthia Riginos & Dr. Katrina McGuigan

This study's aim was to understand the dynamics driving the spatial distribution of *Bathygobius cocosensis*, an intertidal fish, using a wide range of ecological and biological techniques.

Bachelor of Science - Marine Science - 2013-2014

The University of Queensland, Brisbane, AUSTRALIA

GPA: 6 (/7), Graduation July 2014

Bachelor in Management of the Marine Environment and Sustainable Development - 2011-2015

Skema Bachelor, Sophia Antipolis, FRANCE

GPA: 3.51 (/4), Graduation July 2015

Baccalaureate STL - Microbiology-Biochemistry-Chemistry- Biology - 2007-2011

Lycée Jules Ferry, Cannes, FRANCE, 2007-2011. **Valedictorian.** GPA:16.02 (/20)

Beaverton High School, Portland, OR, USA, 2008-2009. Exchange student

Experience

Science

Research Assistant – KAUST - SAUDI ARABIA - March-June 2016

Reef Genomics laboratory – Genomics of cnidarian proteins

Genomics (RNA, DNA extractions, PCR, cloning, Sanger sequencing), bioinformatics

Supervisor: Assoc. Prof. Christian Woolstra

Field Assistant – FRANCE - September 2015

Riginos Laboratory – Evolutionary genomics in a marine global invader

Field survey and collection of *Mytilus galloprovincialis*, assistance in dissection of mussel tissues and preparation for genetic analyses

Collaboration with PhD Candidate at The University of Queensland, Iva Popovic

Honour Student - The University of Queensland – AUSTRALIA - July 2014-June 2015

Riginos Laboratory – Ecological and evolutionary genetics

The spatial dynamics of habitat use of *Bathygobius cocosensis* in the rocky intertidal environment

Field survey, mark recapture experiment, morphometrics, clearing and staining, statistical analyses

Supervisors: Assoc. Prof. Cynthia Riginos & Dr. Katrina McGuigan

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Volunteer - The University of Queensland – AUSTRALIA - December 2014-March 2015

Franklin Eco-laboratory – Ecological, evolutionary and conservation physiology

Care of the estuarine crocodile husbandry

Supervisor: Prof. Craig Franklin

Research Assistant - The University of Queensland – AUSTRALIA - November 2013-February 2014

Cheney Laboratory – Evolutionary ecology

Understanding the evolution of bright colour patterns and chemical defences in marine sea slugs

Field survey, chemical extractions, palatability assays, toxicity assays, statistical analyses

Supervisors: Dr. Karen Cheney & Prof. Mary Garson

Member of the “ILES DE LERINS PROJECT” - FRANCE – Current since 2012

Study of the Marine Biodiversity around the ‘Iles de Lérins’

Field survey, data collection, statistical analyses

Collaborators: Dr. Christophe Mocquet & Adrien Marc (BSc)

Research Assistant – IRCAN (CNRS-INSERM)- FRANCE- March-May 2013

IRCAN Team – Genomics and complex traits

The natural variations in colonies’ morphology in the budding yeast *S. cerevisiae*

Yeast isolation, culture, hybridization, microscopic spore dissection

Supervisor: Dr. Gianni Liti

General Employment

Calvin-Thomas - FRANCE-CANADA - July-August 2015

Travel escort and local supervisor for exchange students Paris-Toronto

Indooroopilly Fruits – AUSTRALIA - August 2013-June 2015

Cashier and team leader

Lifeguard with the Fireman Squad – FRANCE - June-September 2011 and 2012

Swimmers’ supervision, accident prevention, rescue and first aid

Skills and Qualifications

IT Skills

→ Microsoft Office

→ Python (Basics)

→ R-Studio

→ Windows/Mac

→ Image J/MorphoJ

→ MARK

Languages

→ **French**-Mother tongue

→ **English**-Fluent

→ **Italian**-Basics

Qualifications

→ Driver’s License

→ Diving License:

→ TOEFL IBT: 111 (/120)

→ Boat License

-Level 3 (down to 60m)

→ BNSSA (Lifeguarding qualification)

→ First aid (advanced)

-Advanced OW + Rescue

Interests

→ Travelling

→ Diving

→ Photography

→ Music

→ Swimming

→ Reading

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Awards and Scholarships

Scholarship - Visiting Student Research Program 2016 at KAUST

Decoding structure and function of the coral metaorganism

Supervisor: Assoc. Prof. Christian Voolstra

Scholarship - UQ Summer Research Program 2013

Understanding the evolution of bright colour patterns and chemical defences in marine sea slugs

Supervisors: Dr. Karen Cheney & Prof. Mary Garson

Ramoge Alain Vatrican Prize - Lerins Biodiversity Project - 2013

The Lérins Biodiversité Project was awarded by RAMOGE for its study of the marine biodiversity of the Lérins archipelago and its efforts to raise public awareness.

Collaborators: Dr. Christophe Mocquet & Adrien Marc (BSc)

Excellence Award - Laureates of the "Mention Très Bien" at the 2011 Baccalaureate

Publications

Malard, Lucie A., McGuigan, Katrina and Riginos, Cynthia. (2016) Site fidelity, size and morphology may differ by tidal position for an intertidal fish, *Bathygobius cocosensis* (Perciformes-Gobiidae), in Eastern Australia. *PeerJ*.

References

→ **Assoc. Prof. Cynthia Riginos,**
Senior Lecturer and UQ researcher.
Honours Supervisor
Email : c.riginos@uq.edu.au

→ **Dr. Katrina McGuigan,**
ARC Future Fellow
Honours Supervisor
Email: k.mcguigan1@uq.edu.au

→ **Assoc. Prof. Yan Grasselli,**
Deputy Director of the Bachelor program
Head of the Environmental and Marine Sciences department, SKEMA.
Academic Supervisor
Email: yan.grasselli@skema.edu