

PERSONAL INFORMATION

Lourenço de Oliveira Coelho e Ramos Pinto



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| **Date of birth** 10/09/1991 | **Nationality** Portuguese

WORK / RESEARCH EXPERIENCE

January 2016 – Present

PhD Thesis

Nutrition and Immunobiology Group — NUTRIMU; CIIMAR, SPAROS Lda. & ICBAS - University of Porto

- Research on the project entitle “*Amino acids as key mediators of immune status and nutritional condition in fish*” supervised by Benjamin Costas (CIIMAR), Tomé Silva (SPAROS Lda.) and António Afonso (ICBAS-UP)

October 2014 – July 2015

Master’s Thesis

ICBAS - University of Porto

- Research on the project entitle “*Effects of dietary creatine supplementation on muscle growth in gilthead seabream (Sparus aurata)*” supervised by Luisa Valente (ICBAS-CIIMAR) and Pedro Rodrigues (CCMAR).

July 2013 – January 2015

Sports Advisor – Racket sports and Golf

Decathlon Matosinhos, Avenida Arq. Fernando Távora, nº 1343, 4450-820 Matosinhos

Main responsibilities: Product Management, Advertising, Customer Relations and Stringer.

October 2012 – July 2013

Optional Internship

Marine Biology and Ecology Group, National Oceanographic Centre (NOC), University of Southampton.

- Research on the project entitle “*Life history ecology of shallow water and deep-water Antarctic ophiuroids*” supervised by Professor Paul Tyler (NOC) and Ana Hilário (UA) – Funded by ERASMUS Programme scholarship

September 2011 – July 2012

Research student

Biochemistry and Stress Laboratory and Estuarine and Marine Biology Laboratory, University of Aveiro

- Research on the project entitle “*Assessment on bivalve health status using ecologic, biochemical and microbiological approaches – Macroparasites in Cerastoderma edule*”. Final year project supervised by Rosa Freitas(CESAM) and Etelvina Figueira (CBC-UA)

February 2011 – August 2011

Research student

Biochemistry and Stress Laboratory and Estuarine and Marine Biology Laboratory, University of Aveiro

- Research on the project entitle “*Effects of depuration on the element content in bivalves: comparasion between sympatric Ruditapes decussates and Ruditapes phiipinarum*”, supervised by Rosa Freitas(CESAM) and Etelvina Figueira (CBC-UA)

EDUCATION AND TRAINING

January 2016 – Present **PhD Degree in Animal Sciences**

- Amino acids as key mediators of immune status and nutritional condition in fish

ICBAS – University of Porto, SPAROS Lda. & CIIMAR-UP

September 2013 – September 2015 **Master in Marine Sciences – Marine Resources**

Classification: 17/20

ICBAS – University of Porto

September 2009 – July 2013 **Degree in Biology**

Classification: 16/20

University of Aveiro, Biology Department

Mother language Portuguese

Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	B2	B2	B2	B2	A2
IELTS degree Overall band score of 7.5 _ CEFR Level C1					

PERSONAL SKILLS

Communication skills

- Team spirit;
- Adaptability to multicultural atmosphere;
- Good communication skills;
- Flexibility and adaptation to change;
- Environmental awareness.

Organisational / management skills

Representative of the students of the Scientific Board of the SANFEED - Doctoral ANIMAL SCIENCE Programme in an industrial setting
Board member of the Biology Society of the Academic Association of the University of Aveiro

Main acquire skills:

Organization;
Time management;
Leadership;
Project and team management capacity.

- Organization of the III Workshop Animal Science, ICBAS-UP (September 2015)
- Organization of the Workshop “Fundamental Calculations in Biological Work”, University of Aveiro (May 16, 2012)
- Organization of the “1st Forest Meeting” University of Aveiro.
- Organization of the Seminar Cycle “Biology in the Night”.

Technical skills

The past research experience improved my scientific knowledge mostly in spectrophotometry, general laboratory techniques, biochemistry techniques, bivalve handling, estuarine field experience, electron microscopy, histology techniques, molecular biology techniques (Real-time PCR), and sampling methods in fish nutrition trials.

Computer skills User knowledge of Windows, namely MS Office. Domain of imaging analysis software Sigmascan and Cell^B. Domain of the statistics software Sigmaplot and SPSS.

Other skills and competences

- **Aquaculture in Southern Europe: Basic and Applied Aspects** - Cadiz University, July 2017
- **CAL-AQUA** – Laboratory Animal Science Course – Aquatic Organisms. **FELASA – Category B.**
- **Advanced Course - "Ecotoxicology of amphibians and reptiles: from theory to practice** (40 hours), April 2011
- **"Sea Itinerant University"** Organised by the University of Porto and the University of Oviedo (213 hours and 690 nm miles), July 2008

Driving licence ▪ B category, N° P – 144 3629 2

Diving licence ▪ PADI – *Open Water Diver*, Level 2., N° 1205EP4969

Additional Information

Publications

- Freitas R., **Ramos Pinto L.**, Sampaio M., Costa A., Silva M., Rodrigues A.M., Quintino V., Figueira E. (2012) Effects of depuration on the element content in bivalves: comparison between sympatric *Ruditapes decussatus* and *Ruditapes philippinarum*. Estuarine, Coastal and Shelf Science, 110: 43–53. <http://dx.doi.org/10.1016/j.ecss.2012.01.011>

Communications at scientific meetings

- **Ramos-Pinto L.**, M. Machado, R. Azeredo, B. Reis, J. Pérez-Sánchez, J. Calduch-Giner, J.A. Martos-Sitcha, S. Engrola, L.E.C. Conceição, J. Dias, T. S. Silva, B. Costas. *Short-term dietary histidine, threonine and tryptophan supplementation in fishmeal-free diets, affects immune status in gilthead seabream Sparus aurata juvenile*. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p. 32 (**Oral Presentation**)
- Luis Conceição, **Lourenço Ramos-Pinto**, Juan António Martos-Sitcha, Tomé Silva, Sofia Engrola, Jorge Dias, Josep Calduch-Giner, Benjamin Costas, Jaume Pérez-Sánchez. *Dietary inclusion of the microalgae Phaeodactylum tricornutum affects oxidative and immune status in gilthead seabream Sparus aurata juveniles* Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p. 49 (**Oral Presentation**)
- Marina Machado, Filipa Fontinha, Rita Azeredo, Sergio Fernández-Boo, **Lourenço Ramos-Pinto**, Luís E.C. Conceição, Jorge Dias, Nuno M.S. dos Santos, Benjamín Costas. *Dietary methionine as modulator of the European seabass Dicentrarchus labrax immune status, inflammatory response and disease resistance*. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p. 32 (**Oral Presentation**)
- Bruno Reis, **Lourenço Ramos-Pinto**, Rafael Ramos, Marina Machado, Rita Azeredo, Sofia Engrola, Luís Conceição, Tomé Silva, Jorge Dias, Benjamin Costas. *Health status in gilthead seabream Sparus aurata juveniles fed diets devoid of fishmeal and supplemented with Phaeodactylum tricornutum*. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p. 32 (**Oral Presentation**)
- Francisco Guardiola, M.P. Escribano, **L. Ramos-Pinto**, S. Fernández-Boo, M. Machado, A. Afonso, B. Costas. *Mucosal immune response in skin mucus from ocular and blind sides of Senegalese sole Solea senegalensis after bacterial challenge*. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p.71 (**Poster**)
- Jorge Dias, Bruno Reis, **Lourenço Ramos-Pinto**, Rita Colen, Sofia Engrola, Luís Conceição, Tomé Silva, Benjamín Costas. *Supplementation with Phaeodactylum tricornutum and Nannochloropsis gaditana affects health status in sole Solea senegalensis juveniles*. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p.86 (**Poster**)
- B. Costas, M. Machado, F. Fontinha, R. Azeredo, **L. Ramos-Pinto**, Sergio Fernandez-Boo, F.A. Guardiola, L.E.C. Conceição, J. Dias, N.M.S. dos Santos. *Dietary methionine supplementation increases white blood cells numbers whereas its deficiency does not compromise the European seabass Dicentrarchus labrax health status*. Book of abstracts of the Aquaculture Europe 2016, Edinburgh, Scotland, (**Poster**)

Communications at scientific meetings

- **Lourenço Ramos-Pinto**, Graciliana Lopes, Vera Sousa, Filipe Castro, Denise Schrama, Pedro Rodrigues, Luisa Valente. Effects of dietary creatine supplementation in gilthead seabream *Sparus aurata* muscle growth. Book of abstracts of the Aquaculture Europe 2017, Croatia, Dubrovnik, p.74 (**Poster**)
- **Ramos-Pinto, L.**, Guardiola, F.A., Arenas, F., Bertocci, I. Costas, B. *Innate immune status of the sea urchin *Paracentrotus lividus* from the north Portuguese coast during the spring season*. Book of abstracts of the Aquaculture Europe 2016, Edinburgh, Scotland, p. 827-828 (**Poster**)
- *Dietary inclusion of the histidine, threonine and tryptophan in fishmeal-free diets, improves immune status in gilthead seabream (*Sparus aurata*) juveniles at a short-term feed*. IV Workshop do Programa Doutoral em Ciência Animal, 15th September 2017, Porto, Portugal (**Oral presentation**)
- **Ramos-Pinto, L.**, Afonso, A., Silva, T. Costas, B. *Amino acids as key mediators of immune status and nutritional condition in gilthead seabream*. III Workshop do Programa Doutoral em Ciência Animal, 14th September 2016, Porto, Portugal (**Poster**)
- Freitas R., **Ramos-Pinto L.**, Sampaio M., Costa A., Silva M., Rodrigues A.M., Quintino V., Figueira E. (2012). *Effects of depuration on the element concentration in *Ruditapes decussatus* and *Ruditapes philippinarum**. 50th ECSA Conference: Today's science for tomorrow's Management, 3-7 June 2012, Venice, Italy. (**Poster**)
- Costa E., **Ramos-Pinto L.**, Freitas R., Figueira E., de Montaudouin X. (2012). *Macroparasites in *Cerastoderma edule*, Ria Aveiro, Portugal: preliminary results*. IMMR 2012 International Meeting on Marine Resources. 24-25 May 2012, Peniche, Portugal. (**Poster**)
- Costa E., **Ramos-Pinto L.**, Freitas R., Figueira E., de Montaudouin X. (2012). *Macroparasites in *Cerastoderma edule*, Ria Aveiro, Portugal: preliminary results*. IMMR 2012 International Meeting on Marine Resources. 24-25 May 2012, Peniche, Portugal. (**Poster**)

Projects

- ALISSA (ALG-01-0247-FEDER-3520) – Bases para uma alimentação saudável e sustentável para peixes de aquacultura, financed by national funds and co-financed by European Regional Development Fund (ERDF) through the Portugal 2020 – Internationalization and Competitiveness Operational Programme, and through the COMPETE and Operational Human Potential Programmes and national funds through FCT-Foundation for Science and Technology. (PhD Student)

Awards

- Science outreach contest, Honourable Mention with the poster “Evolution in *Daphnia*” – Visionarium, Europarque Science Centre, 2008