

CURRICULUM VITAE EUROPEAN MODEL



Personal Information

Name

Joana Catarina da Rocha Lamego

Contacts

Address:

Rua Carlos Wallenstein, 8 10ºD

2790-040 Camaxide Portugal

Birth date: 15.01.1985

Phone:

+351917051526

E-mail:

joana.lamego@gmail.com



Professional Experience

January 2014-Present

IMM – Instituto de Medicina Molecular (Institute of Molecular Medicine)(www.imm.fm.ul.pt)

Lisbon, Portugal

International Funding Officer

December 2012 – December 2013

IBET – Instituto de Biologia Experimental e Tecnológica (Institute of Experimental Biology and Technology) (www.ibet.pt)

Oeiras, Portugal

Scientific and Technical Coordinator of EU funded projects

Main activities & responsibilities: Scientific and technical coordination of EU funded projects in the areas of Food Security, Food Safety and Pest Control: Collab4Safety – Towards sustainable global food safety collaboration; FP7-KBBE-2012-6-single stage; Grant agreement no.: 311611 and BioMush - Early detection and bio-control of mushroom pests and diseases in an Integrated Pest Management approach to comply with the European Directive 2009/128/EU; FP7-SME-2012-314241-BIOMUSH. Daily implementation of the projects, including scientific work design and data evaluation as well as budget and time control. Help in the writing of scientific proposals for EU funding calls. Preparation and presentation of oral communications during technical and consortium meetings; discussion of work progress, achieved results and difficulties with project partners, involving academic research partners as well as SMEs; participation in the decisions taken by the consortia. Preparation of deliverable reports submitted to the European Commission; preparation of internal documents for dissemination between consortium partners. Participation in the planning and organisation of technical meetings.

January 2009 – November 2012

ITQB – Instituto de Tecnologia Química e Biológica (Institute of Biological and Chemical Technology) (www.itqb.unl.pt)

Oeiras, Portugal

Researcher (PhD student)

Main activities & responsibilities: Applied research for the development and validation of improved *in vitro* cell models. Capillary electrophoresis method development and implementation for the analysis of human metabolic enzymes activities. Production and characterization of human recombinant proteins. Supervision of the work of master students. Writing of scientific grants applications. Participation (writing and implementation) in funded academic projects: 2010-2013 PTDC/EBB-BIO/111530/2009 hCE-2 – expression and characterization in *in vitro* and *in silico* models. Technology transfer experience of scientific projects to the market through the completion of COHiTEC entrepreneurship program, organised by COTEC Portugal, in partnership with North Carolina State University HiTEC Centre (USA) Brown University (USA) EGP (University of Porto Business) and ISCTE (University Institute of Lisbon), with the support of FLAD (Luso-American Development Foundation), Lisbon (March – July 2012). Development of a business plan aiming the transfer of a technology (from the work developed during the PhD) to the market. Contact with possible industrial partners to assess market needs. Preparation of oral presentations (final presentation during a special event held in Lisbon; short-pitch

presentation during a special event held in Oporto, (publicly available – <http://www.youtube.com/watch?v=QOp1hvFNf7g>). Preparation of other dissemination activities such as an interview for the radio program Mundo Novo, from TSF Portuguese radio station, for the promotion of the project (publicly available – http://www.tsf.pt/Programas/programa.aspx?content_id=1221266&audio_id=3218694)

2008

Laboratório Jneves (Jneves Pharmaceutical Laboratory) (www.laboratoriojneves.pt)

Seixal, Portugal

Pharmacy technical consultant

Main activities & responsibilities: Pharmaceutical consultancy. Link between the technical and commercial department of the company. Coaching of the Commercial Team responsible for the pharmacy channel. Field supervision and technical evaluation of the Commercial Team. Field operations in the pharmacy channel to implement the business strategy of the company as well as to provide all the scientific details concerning the products. Acquired competencies in drugs and OTC products.

2006 - 2008

IGC – Instituto Gulbenkian de Ciência (Glubenkian Institute of Science)

(www.igc.gulbenkian.pt)

Oeiras, Portugal

Research assistant

Main activities & responsibilities: Fundamental research to understand the link between cell polarity and cell development. Application of molecular biology and animal (insects) manipulation techniques.

2005 - 2006

IHMT – Instituto de Higiene e Medicina Tropical (Institute of Tropical Medicine and Hygiene)

(www.ihmt.unl.pt)

Lisbon, Portugal

Research trainee

Main activities & responsibilities: Fundamental research to study the genetic modifications in the malaria transmission vector *Anopheles gambiae*. Application of genetic silencing and animal (insects and mice) manipulation techniques.

Education

November 2013

Training Course: Knowledge Transfer Strategies and Valorisation of Industrial Property

		INPI – Instituto Nacional de Propriedade Industrial (Portuguese Institute of Industrial Property) Lisbon, Portugal
	2008 – November 2012	PhD in Engineering and Technology Sciences, Biotechnology UNL - Universidade Nova de Lisboa (New University of Lisbon) Oeiras, Portugal
2011	2010 -	Post-graduation in Pharmaceutical Marketing Management ISEG - Instituto Superior de Economia e Gestão (School of Economics and Management) / UTL - Universidade Técnica de Lisboa (Technical University of Lisbon) Lisbon, Portugal (Grade: 17 values (0-20))
	2008 - 2009	PhD Program UNL - Universidade Nova de Lisboa (New University of Lisbon) Oeiras, Portugal (Grade : 18 values (0-20))
	2002 - 2006	4 year Degree in Microbiology and Genetics Faculdade de Ciências (Faculty of Sciences) / Universidade de Lisboa (University of Lisbon) Lisbon, Portugal (Grade : 16 values (0-20))

Publications

Peer-reviewed articles

Lamego J, Cunha B, Peixoto C, Sousa MF, Alves PM, Simplício AL, Coroadinha AS, “*Carboxylesterase 2 production and characterization in human cells: new insights into enzyme oligomerization and activity*”, Applied Microbiology and Biotechnology, 2013 Feb 97: 1161-1173.

Lamego J, Coroadinha AS, Simplício AL, “*Detection and quantification of carboxylesterase 2 activity by capillary electrophoresis*”, Analytical Chemistry, 2011 Feb 1;83(3): 881-7.

Mendes C, Felix R, Sousa AM, **Lamego J**, Charlwood D, do Rosário VE, Pinto J, Silveira H, “*Molecular Evolution of the three short PGRPs of the malaria vectors Anopheles gambiae and Anopheles arabiensis in East Africa*”, BMC Evolutionary Biology, 2010 Jan 1: 10-9.

Book Chapters

Simplício AL, Coroadinha AS, Gilmer JF, **Lamego J**, “*A methodology for detection and quantification of esterase activity*”, Methods and Protocols, 2013 984: 309-319.

Proceedings

Lamego J, Coroadinha A, Simplício A, “*Bridging the gap between Caco-2 cells and human Carboxylesterases*”, Toxicology Letters, 2011; 205: S165-S165 doi 10.1016/j.toxlet.2011.05.576.

Lamego J, Ferreira P, Cunha B, Coroadinha AS and Simplício AL, “*Unravelling human carboxylesterase 2 activity-expression mismatch*”, Revista Portuguesa de Farmácia, 2011; Volume LII (n. °6) ISSN 0484-811X.

Lamego J, Coroadinha AS, Simplício AL, “*Evaluation of carboxylesterases activity in biological samples*”, Revista Portuguesa de Farmácia, 2010; Volume LII (n. °4) ISSN 0484-811X.

Communications

Oral Communications **Lamego J**, Cunha B, Peixoto C, Sousa MF, Simplicio AL, Coroadinha AS, “*Production of human carboxylesterase 2 and its purification by affinity chromatography*”, International Conference on BioPartitioning and Purification, Puerto Vallarta – Mexico 2011.

Lamego J, Cunha B, Peixoto C, Sousa MF, Gilmer J, Alves P, Coroadinha AS, Simplicio AL “*A journey through the production and analysis of a human metabolising enzyme to the modification of an in vitro cell model*”, 3rd ITQB PhD students’ meeting, Oeiras – Portugal 2012.

Poster Communications Fourteen poster communications in national and international conferences, the most recent:

Lamego J, Oliveira BR, Crespo T, “*Fungal Agaricus bisporus diseases: taxonomy and reality*”, Microbiotec’13 – Portuguese Congress of Microbiology and Biotechnology, Aveiro – Portugal 2013.

Lamego J, Cunha B, Coroadinha AS, Simplicio AL, “*Feasibility of Caco-2 cell engineering for better mimicking human enterocytes*”, European Society of Toxicology in Vitro International Conference, Lisbon – Portugal 2012.

Lamego J, Simplicio AL, Coroadinha AS, “*Understanding CES2 and the feasibility of a more relevant cell model for intestinal metabolism*”, Gordon Research Conference on Drug Metabolism, Holderness, NH – USA 2012.

Lamego J, Simplicio AL, Coroadinha AS, “*Bridging the gap between Caco-2 cells and human carboxylesterases*”, 47th Congress of the European Societies of Toxicology, Paris - France 2011.

Lamego J, Simplicio AL, Coroadinha AS, “*Convincing Caco-2 cells to express hCE-2 and evaluation of their new behaviour*”, Gordon Research Conference on Drug Metabolism, Holderness, NH – USA 2011.

Personal skills

Mother language

Portuguese

Other languages

English

French

Spanish

• Reading skills

Excellent

Excellent

Good

• Writing skills

Excellent

Good

Fair

• Oral skills

Excellent

Fair

Fair

Computer skills

Proficiency in *Microsoft Office, Adobe Acrobat, Adobe Photoshop* and chemical and biological data analysis software (*BioEdit, Vector NTI, Clustal, ImageJ, GraphPad Prism*).

Organisational and social skills

Supervision of master students and research trainees. Participation in the organisation of ITQB Open day (2008, 2009 and 2010). Writing of academic scientific grants. Member of the ITQB Pedagogical Council (by election; 2011-2012). Participation in the organisation of Silicon Valley comes to Lisbon (2012).

Other skills and awards

Attendance of diverse nonscientific events: Global Entrepreneurship Week – Silicon Valley comes to Lisbon (2011); Portuguese symposium on Drugs Quality and Safety, Lisbon (2010); *Oeiras Biotech* – Symposium on Biotechnologies and Health Technologies (2010); *Nova Idea Competition* bioentrepreneurship competition, Universidade Nova de Lisboa (10 semi-finalists; 2010).

Awards: ESTIV2012 conference merit bursary; merit scholarship (FCUL) 2004 to 2006.