



Curriculum Vitae

Personal Information

Surname/First name **SALDANHA Helena**
E-mail Helena.SALDANHA@ec.europa.eu
Nationality Portuguese
Date of birth 12/04/1976
Gender female
Grade GRADE 13, GROUPE DE FONCTION IV, REFORME DU STATUT (AGENT CONTRACTUEL)

Work experience

Dates April 2003 - July 2005 (26 months)
Occupation or position held **Young Researcher - Firenet European Network**
Main activities, responsibilities and achievements Young researcher, Thermal decomposition of Solid Fuels, in particular wood. Also synthetic polymers (e.g. polyurethane were considered). Determination of pyrolysis liquids of biomass by GC/MS and HPLC. Attended several work progress meetings at Kingston University under Prof. Jennifer Wen (Co ordinator) and Prof. Colomba di Blasi (Unina-host university) supervision. Involved actively in the monthly reporting activities.
Name and address of employer Universita Degli Studi di Napoli - Dipartimento di Ingegneria Chimica, Napoli , Italy
Sector Public/Semi-public administration/company
Domain(s) Applied chemistry
Dates January 2003 - April 2003 (3 months)
Occupation or position held **Young Researcher - Leonardo Da Vinci Internship**
Main activities, responsibilities and achievements To carry scientific tasks - Analysis of toxins in Cereals by Analytical Methods (HPLC).
Name and address of employer Atlantique Analysis Company, La Rochelle, France
Sector Public/Semi-public administration/company
Domain(s) Chemistry
Dates January 2001 - December 2002 (23 months)
Occupation or position held **Research Fellow and Teaching assistantship awarded for 1st semester Food Business courses**
Main activities, responsibilities and achievements Research fellow on the project " Integrated minimal processing and packaging solutions for optimization of sensory quality of ready-to-use fruits and vegetables under the supervision of Professor Fernanda Oliveira (PhD), Head of Department of Process Engineering.
Name and address of employer University Collegue of Cork, Cork, Ireland
Sector Public/Semi-public administration/company
Domain(s) Analytical chemistry

Education (Diplomas)

Dates 1994 - 2000
Title of qualification awarded **High Diploma in Food Engineering 14/20**
Principal subjects covered Engineering
Name and type of organisation Universidade Catolica Portuguesa, Escola Superior de Biotecnologia - Porto, Portugal, Portugal

Level in national or international classification	University level education of at least 4 years
Education (diploma not obtained)	
Dates	2005 - 2008
Title of qualification awarded	PhD candidate
Principal subjects covered	Pesticides, Chemical engineering, Materials engineering
Name and type of organisation	Universitat Duisburg -Essen. Germany, Experimental work carried out at Institute for Reference Materials and Measurements (IRMM) of the JRC,in response to EC pesticide legislation., Belgium
Level in national or international classification	University level education of legal duration of at least 3 years
Dates	1999 - 2000
Title of qualification awarded	Visiting Fellow, under Dr Shri K. Sharma supervision
Principal subjects covered	Engineering, Food science and industry
Name and type of organisation	Cornell University, Ivy League member, Ithaca - New York, United States of America
Level in national or international classification	Higher education (short academic cycle or higher non-university cycle)
Dates	2006
Title of qualification awarded	1st CRL/NRL Pesticide Residue Training Workshop
Principal subjects covered	Pesticides, Applied chemistry
Name and type of organisation	Community Reference Laboratory for Single Residue Methods, Stuttgart, Germany
Level in national or international classification	Higher education (short academic cycle or higher non-university cycle)
Training	
Dates	2008 (2 days)
Title of qualification awarded	Presentation Techniques
Principal subjects covered	Audiovisual communication
Dates	2008 (1 day)
Title of qualification awarded	Biosafety at IRMM
Principal subjects covered	Safety engineering
Dates	2007 (1 day)
Title of qualification awarded	Power Point 2003: Hands on
Principal subjects covered	Computer-assisted education (e-learning)
Dates	2007 (1 day)
Title of qualification awarded	Word 2003:Tips and tricks 1
Principal subjects covered	Educational guidance
Dates	2007 (1 day)
Title of qualification awarded	Weighing Course
Principal subjects covered	Experimental education
Dates	2007 (2 days)
Title of qualification awarded	Scientific Writing in English
Principal subjects covered	Language education
Dates	2006 (1 day)
Title of qualification awarded	Exploratory Research Seminar

Principal subjects covered Internal communication
 Dates 2006 (3 days)
 Title of qualification awarded **GC-MSD Training (H8720A, H5947A)**
 Principal subjects covered Project engineering
 Dates 2006 (2 days)
 Title of qualification awarded **Basic Statistics for Analytical Chemists**
 Principal subjects covered Curriculum studies
 Dates 2005 (2 days)
 Title of qualification awarded **Selection and use of reference materials**
 Principal subjects covered Career development
 Dates 2005
 Title of qualification awarded **Production of Certified Reference Materials**
 Principal subjects covered Career development

Personal skills and competences

Mother tongue

Portuguese

Other language(s)

Understanding	Speaking	Reading	Writing	CL(*)
Excellent	Very good	Very good	Good	<input checked="" type="checkbox"/>
Good	Good	Good	Basic	<input checked="" type="checkbox"/>

English

Italian

(*)*Competition Language*

Knowledges

Agronomy and plants biology
 - biotechnology in the agro-food sector Good
 - pesticides Good
 Analytical and measurement techniques
 - analytical chemistry Good
 - analytical laboratory practices Good
 - mass spectrometers Good

Skills

Communication skills Diplomatic skills Good
 Ability to communicate in meetings Good
 Delivery of results / Planning capacity Good
 Management of work
 Intellectual / Problem solving Ability to conceptualise problems, identify and implement solutions Very good
 and judgement skills Capacity to act upon problems Good
 Working with others Sociability skills Good
 Motivation Self-motivation Very good
 Ability to work in a proactive and autonomous way Good

Additional information

2008 Follow -up publications:
 - Quantitative trace analysis of 21 EU priority pesticides in carrots baby food: matrix effects, isotope dilution mass spectrometry and uncertainty evaluations.
 -Feasibility study for the production of a (certified) reference material for pesticides in carrots.

12th-15 th September 2004. Convegno GRICU (Gruppo Ricercatori di Ingegneria Chimica della Universita) Poster Presentation: Study of the effects of flame retardants on the decomposition of lignocellulosic Materials. Ischia (NA), Italy.

10th- 14th June 2000- Sharma, K. Shri and Saldanha, H. 1999. " Characteristics of packaging films made from whey proteins". Poster presented at the Institute of Food Technologists (IFT) Annual Meeting, Dallas (USA).

October 1999- Attended One credit course - "Food science 600 , Graduate Seminar Series" at Cornell University, (USA).

1998-1999- Prize for young Entrepreneur (2nd place). Project development for a start-up firm in the Environment category named "INOVAGRI" at ANJE (Associação Nacional de Jovens Empreendedores, Porto, Portugal).

Memberships - IFT (Institute of Food Technologists) ID no: 000 62 537

Member type: Student

Member since: 11/05/99

Interests: Swimming, reading, horse riding.