



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 5540

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Pharmaceutical Sciences**

Scientist- in - charge: Alessandro Pedretti

[Elena María Díaz Medina]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Díaz Medina
Name	Elena María

PRESENT OCCUPATION

Appointment	Structure
Project manager	IRTA (Institute of Agrifood Research and Technology)

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Biology	La Laguna (ULL)	10/01/2001
Degree	Food Science and Technology	La Laguna (ULL)	21/02/2003
Specialization	Nutrition and Bromatology	La Laguna (ULL)	26/10/2004
PhD	Animal production	Autonomous University of Barcelona (UAB)	06/04/2018
Master	Executive Master in Innovation	School for Industrial Organization (EOI)	27/06/2011
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
Spanish	native lenguaje
English	high level
Italian	medium level

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2010	2010 Subprogram Torres Quevedo and 2010 Subprogram INNCORPORA (INC10-0087) of The Ministry of Economy and Competitiveness for recruitment and incorporation of research staff to companies.
2008	Calls for doctors and technologists of the government of the Canary Islands (Incorporation of innovative personnel to the production system). Canarian Agronomic Research Institute (ICIA). Animal Production and Forage Research Unit. La Laguna. Canary Islands. Spain Project: Study of the use of natural kid rennet in the cheeses of the Tindaya cheese factory
2006 - 2007	Specialization scholarship. The house of the honey. Cabildo de Tenerife
2004 - 2006	Specialization scholarship for analytic control of products subject to foreign trade. Official Service of Inspection, Surveillance, and Regulation of exports (SOIVRE). Ministry of Industry, and Tourism and Commerce of Spain

TRAINING OR RESEARCH ACTIVITY

<p>From 2002 to 2004, I started my master's thesis in the Department of Analytical Chemistry, Nutrition, and Bromatology of the University of La Laguna (ULL), Spain. Within the research activity, I have specialized in agri-food analysis of different tubers, fruits, honey, and dairy products. I have carried out physical-chemical composition studies and food certification procedures. I also carried out bioassays with rats in the Department of Pharmacology of ULL to study the hypoglycemic activity of <i>Opuntia ficus indica</i>.</p> <p>Later, from 2004 to 2006, I obtained a scholarship from the Ministry of Industry, Tourism, and Trade of Spain, where I specialized in the multi-residue analysis of pesticides in fruits and vegetables by gas chromatography-mass spectrometry.</p> <p>During my thesis at the Veterinary Faculty of the Autonomous University of Barcelona, I worked on the chemical composition of camel milk, biochemical analysis of plasma in camels, and determination of different proteins like insulin by ELISA immunoassay, among others.</p>



PROJECT ACTIVITY

Year	Project
2019 - 2022	Boost the production, processing, and consumption of camel milk in the Mediterranean basin. (CAMELMILK). Financing entity: PRIMA Foundation (H2020). From 01/06/2019 to 30/05/2022. Project manager
2019 - 2022	Dairy Innovation for Mediterranean SME. (DAINME-SME). Financing entity: PRIMA Foundation (H2020). From 01/12/2019 to 30/11/2022. Project manager
2010 - 2012	Feasibility study for the industrial production of new dairy products from camel milk (DROMEDAIRY). Financing entity: 2010 Subprogram Torres Quevedo and 2010 Subprogram INNCORPORA (INC10-0087) of The Ministry of Economy and Competitiveness for recruitment and incorporation of research staff to companies. From 30/12/2010 to 29/12/2012. Coordinator
2008 - 2010	Study of the use of natural kid rennet in the cheeses of the Tindaya cheese factory. Canarian Agronomic Research Institute (ICIA). Animal Production and Forage Research Unit. La Laguna. Canary Islands. Spain

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
11/11/22	International Conference "Camel milk overview in the Mediterranean basin"	El Oued, Algeria (Presentation)
15/11/18	The 5th Conference of International Society of Camelid Research and development "Recent Advances in Camelids Biology, Health and Production"	Laâyoune, Morocco (Speaker)
15/11/17	12th Annual Conference of the Italian Proteomics Association	Lecce, Italy (Poster)
17/05/17	XII AIDA Conference (Interprofessional Association for Agricultural Development)	Zaragoza, Spain (Poster)
13-14/10/16	4th DairyCare Conference	Lisbon, Portugal (Poster)
27-29/08/15	8th International Congress on Farm Animal Endocrinology (ICFAE).	Billund, Denmark (Poster)
14-15/05/13	XV Conference about Animal Production	Zaragoza, Spain (Presentation)
8-12/07/13	ASAS-ADSA Joint Annual Meeting	Indianapolis, Indiana, EEUU (Poster)
1-2/10/2009	International seminar World Cheese Awards	Canary Islands, Spain (Poster)
13-15/06/2007	IV National Congress of Food Science and Technology	Tenerife, Spain (Presentation)
9-11/03/2005	I FESNAD Congress (Spanish Federation of Nutrition, Food and Dietetic Societies)	Madrid, Spain (Presentation)
3-6/06/2003	II National Congress of Food Science and Technology	Orihuela, Spain (Poster)



15-18/10/2002	II National Pharmaceutical Congress	Granada, Spain, 15th - 18th October 2002.
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PUBLICATIONS

Books
Cría de camellos para la producción de leche, Spain, IRTA, 2022

Articles in reviews
Comparison of visual and electronic devices for individual identification of dromedary camels under different farming conditions. Journal of Animal Science. 2016. DOI: 10.2527/jas.2016-0472
Short communication: Sensory profile of raw goat milk cheeses made with artisan kid rennet pastes from commercial-weight animals: Alternative to farmhouse goat cheeses. Journal of Dairy Science. 2014. DOI: 10.3168/jds.2014-8238
Chromium (III) in cactus pad and its possible role in the antihyperglycemic activity Journal of Functional Foods. 2012. DOI: 10.1016/j.jff.2011.12.009
Chemical characterization of Opuntia dillenii and Opuntia ficus indica fruits. Food Chemistry. 2007. DOI: 10.1016/j.foodchem.2006.06.064

Congress proceedings
Glucose metabolism of dromedary calves changes during the suckling period. Díaz-Medina E., Caja G., Salama A.A.K., Cabrera S., Alshaikh M.A., Aljumaah R.S., Ayadi M., Rovai M. The 5th Conference of International Society of Camelid Research and development "Recent Advances in Camelids Biology, Health and Production. Laayoune, Morocco, 12th- 15th November 2018.
Preliminary characterization of Arabian camel milk proteome during lactation. Isabella A., Contreras-Jodar A., Piras C., Soggiu A., Greco V., Urbani A., Bonizzi L., Ayadi M., Aljumaah Rihyad S., Alshaikh M.A., Díaz-Medina E., Caja G., Roncada P. 12th Annual Conference of the Italian Proteomics Association. Lecce, Italia, 12th- 15th November 2017.
Response to glucose tolerance tests and insulin challenges of young dromedaries during the breeding period Díaz-Medina E., Caja G., Salama A.A.K., Cabrera S., Alshaikh M., Ayadi M., Aljumaah R., Rovai M. XII AIDA Conference (Interprofessional Association for Agricultural Development). Zaragoza, Spain, 16th- 17th May 2017.
Changes induced by age in the glucose metabolism of suckling camels before weaning. Díaz-Medina E., Caja G., Rovai M., Salama A.A.K., Cabrera S., Ayadi M., Aljumaah R.S., Alshaikh M.A. 4th DairyCare Conference. Lisbon, Portugal, 13th- 14th October 2016.
Sucking camels become low tolerant to glucose and less sensitive to insulin with age. Díaz-Medina E., Caja G., Rovai M., Salama A.A.K., Cabrera S., Ayadi M., Aljumaah R.S., Alshaikh M.A. 8th International Congress on Farm Animal Endocrinology (ICFAE). Billund, Denmark, 27th- 29th August 2015
Identification of dromedaries by iron brands, plastic ear tags, and electronic boluses. Caja G., Díaz-Medina E., Cabrera S., Amann O., Salama O.H., El-Shafei M.H., El-Sayed H., Salama A.A.K., Aljumaah R.S. Ayadi M., and Alshaikh M.A. XV Conference about Animal Production. Zaragoza, Spain, 14th- 15th May 2013
Comparison of traditional and modern systems for the individual identification of dromedary camels. Caja G., Díaz-Medina E., Cabrera S., Amann O., Salama O.H., El-Shafei M.H., El-Sayed H., Salama A.A.K., Aljumaah R.S. Ayadi M. and Alshaikh M.A. ASAS-ADSA Joint Annual Meeting. Indianapolis, Indiana, EEUU, 8th- 12th July 2013.
Study of the anti-hyperglycemic activity of prickly pear. Díaz-Medina E., Rodríguez Rodríguez E., Díaz Romero C. and Martín Herrera D. I FESNAD Congress (Spanish Federation of Nutrition, Food and Dietetic Societies). Madrid, Spain, 9th - 11th March 2005.



Content of antioxidant compounds in different varieties of tomatoes. Díaz- Medina E., Hernández Suárez M., Rodríguez Rodríguez E. and Díaz Romero C. I FESNAD Congress (Spanish Federation of Nutrition, Food and Dietetic Societies). Madrid, Spain, 9th - 11th March 2005.
Chemical composition of prickly pear. Díaz- Medina E., Rodríguez Rodríguez E. and Díaz Romero C. II National Congress of Food Science and Technology. Orihuela, Spain, 3rd - 6th June 2003.
Chemical composition of prickly pear. Preliminar study. Díaz- Medina E., Rodríguez Rodríguez E. and Díaz Romero C. II National Pharmautical Congress. Granada, Spain, 15th - 18th October 2002.
Influence of ripening on the chemical composition of bananas from the Canary Islands and bananas from Ecuador. Foster M.P., Díaz- Medina E., Rodríguez Rodríguez E. and Díaz Romero C. II National Pharmautical Congress. Granada, Spain, 15th - 18th October 2002.

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: __Girona, 03 01 2023