

Parte A. Personal data

		Date of CVA	08/09/18
Name and Surname	Marta Cuadros Celorrio		
DNI	74655976	Edad	40 (28/01/1977)
Research identificación number	Researcher ID	K-1576-2014	
	Código Orcid	http://orcid.org/0000-0002-8329-4854	

Current professional situation

Entity	University of Granada		
Dpt.	Bioquímica y Biología Molecular III e Inmunología/Facultad de Medicina		
Place	Avda Investigacion		
Telephone	958249759	e-mail	mcuadros@ugr.es
Professional status	Profesora Titular de Universidad	Start date	26/10/18
UNESCO code	2410.07 Genética Humana: 3201.02 Genética Clínica; 3207.03 Carcinogénesis		
Keywords	Cáncer, Biología Molecular, Genética Humana, ARNs, Biomarcadores		

1st and 2nd cycle studies and pre-Bologna degrees and Doctorate

	University	Year
Ldo. Farmacia	Granada	2000
Experta en Genética Clínica	Alcalá de Henares	2003
Dra. Farmacia Premio Extraordinario de Doctorado	Complutense/CNIO	2005

Quality indicators of scientific research:

2º sexenios de investigación by CNEAI: 2001-2006 y 2007-2012.

Total articles: 33 in JCR.

Total number of publications in Q1: 21, 10 in first decile.

Source Used: Google Scholar, Data September 2018.

- Cites > 1.000
- h-index: 15
- Number of highly cited articles (> 50 citations): 6.
- Scientific/funded tutoring activities that include: 1 PhD thesis, 2 master thesis (TFM), 3 grade thesis (TFG), 1 scholarships from the Spanish Association Against Cancer, 2 MEC collaboration scholarships granted by Ministry of Education of Spain, 2 Initiation Scholarships Research granted by the University of Granada, etc.

Parte B. Summary of CV

I am a degree in Pharmacy (2000) from the University of Granada and a PhD (2005, Extraordinary Doctorate Award) in Pharmacy from the Complutense University of Madrid (UCM)/Spanish National Cancer Centre (CNIO). After considering job offers at Sant Jude Hospital and MDAnderson Cancer Center, I returned to Granada in 2008 applying to Juan de la Cierva program. In 2012, I declined a JAEPOSDOC (CSIC program) after obtaining an Assistant Doctor Professor position at Department of Biochemistry and Molecular Biology III and Immunology of the University of Granada, dedicated to research, teaching in the grade of Medicine and management tasks. In 2014, I was enabled by ANECA as Full Professor, passing my contract to Associated Professor. Additional I have taught in 6 different official master courses from 3 different Universities. I have carried out a task of tutoring young researchers with up to now 9 financed activities some of which have been awarded.

During my career have published articles in prestigious international journals including Journal of Clinical Oncology, Human Molecular Genetics, Human Mutation, Journal of Pathology, International Journal of Cancer, Blood, Oncotarget. I have always worked in a multidisciplinary group in which I participated in projects targeted at the "Identification of new biomarkers of response to treatment in cancer". In 2013, I joined to the Research Group CTS-933: Gene expression Regulation & Cancer of the Pfizer Center-University of Granada-Junta de Andalucía Genómica y Investigación Oncológica (GENyO). At the present, I have continued working with RNA and rectal cancer, but focusing on the non-coding RNAs, microRNA and lncRNA.

Summary of research activity:

- R&D projects:
 - PI: 4 research projects.
 - Collaborators: 14 research projects (1 internacional and 13 nationalc projects).
- Translational:
 - PI: 2 research transfer contracts.
 - 8 transfer documents of clinical / care research and / or technological development of the National Health System.
 - 1 patent.
- Contracts and fellows:
 - Predoctoral:
 - ✓ Centro Nacional de Investigaciones Oncológicas (CNIO)/Colegio Oficial de Farmacéuticos de Madrid.
 - ✓ Beca de Formación en Investigación (BEFI) from Ministry of Health, para el programa de Recursos Humanos y Difusión de la Investigación Biomédica del Instituto de Salud Carlos III).
 - Posdoctoral:
 - ✓ Beca de Formación en Investigación (BEFI) from Ministry of Health para el programa de Recursos Humanos y Difusión de la Investigación Biomédica del Instituto de Salud Carlos III).
 - ✓ Juan de la Cierva contract (Ministry of Education).
 - ✓ Contratada proyecto de investigación (Ministry of Education).
- Reviewer.
- Evaluator of the Program for Contracting Technical Staff of Comunidad de Madrid

Summary of academic activity:

- Three recognized teaching stages (2001-2005; 2006-2010; 2011-2016).
- Graduate teaching: >de 800 horas.
- Postgraduate teaching: > 650 horas. Professor of the subjects of the Master (recognized in the POD) of Biología Molecular Aplicada a Empresas Biotecnológicas (Biointerprise) and Master of Translational Research and Personalized Medicine (Transmed).
- Collaborator Masters of the University of Murcia, Granada and Rey Juan Carlos.
- Evaluation of the teaching activity as Excellent.
- Direction of a Teaching Innovation Project; Participation in 3 Teaching Innovation Projects; Coordination of a Tutorial Action Plan (P.A.T.) for the students of the Degree in Medicine.
- Participation as a speaker in 4 Congresses aimed at university teacher training.
- Scientific disseminator in the Café con Ciencia program of the Descubre Foundation, and the Night Researches.

Parte C.

Publications, scientific and technical documents

Beatriz Martínez-Delgado, **Marta Cuadros**, et al. Differential expression of NF-kB pathway genes between Peripheral T-cell lymphomas. *Leukemia*, 2005, Q1

Marta Cuadros, et al. Identification of a proliferation signature related to survival in nodal peripheral T-cell lymphomas. *J Clin Oncology* 2007, Q1, D1

Pablo Palma*, **Marta Cuadros***, Carmen Olmedo, Raquel Conde-Muñoz, Carlos Cano, Inmaculada Segura-Jiménez, Armando Blanco, Pablo Bueno, J. Antonio Ferrón, Pedro Medina. *These authors contributed equally to this work. Microarray profiling of mononuclear peripheral blood cells identifies novel candidate genes related to chemoradiation response in rectal cancer. *PlosOne* 2013, Q1

Pablo Palma*, Carlos Cano, Raquel Conde, Ana Comino, Pablo Bueno, J. Antonio Ferrón, **Marta Cuadros**. Expression profiling of rectal tumors defines response to neoadjuvant treatment related genes. *PlosOne* 2014, Q1

Schiaffino-Ortega S, Baliñas C, **Cuadros M**, Medina P.P. SWI/SNF proteins as targets in cancer therapy. *Journal of Hematology & Oncology* 2014, Q1

Conde C, Cano C, Sanchez V, Herrera A, Comino A, Medina PP, Palma P, **Cuadros M**. Preoperative chemoradiotherapy for rectal cancer: The sensitizer role of miR-375 and c-Myc association. *Oncotarget* 2017. Q1

Herrera A *, **Cuadros, M***, Rodriguez, MI, Roriguez-Perales S, Torres R4, Estecio MR, Coira IF, Saiz M, Carmona P, Medina PP. **These authors contributed equally to this work. Long Non coding RNA Fendrr a new biomarker in lung cancer. *Oncotarget* 2018. Q1

R&D projects funded through competitive calls of public or private entities

International peripheral NK/T cell lymphomas project. P0377. International Peripheral NK/T-cell Lymphoma Project. Entity: University of Nebraska, USA. PI. Julie M. Vose

Caracterización de la heterogeneidad molecular de los linfomas T humanos mediante microarrays: implicación de la ruta de activación de NF-kB. Entity: CAM (Comunidad Autónoma de Madrid): GR/SAL/0203/2004. 01/01/05 - 31/12/05. FUNDS: 20.470 euros. PI: Beatriz Martínez-Delgado

Aproximación a redes genéticas relacionadas con enfermedades mediante inteligencia artificial. Estudio en cáncer. Entity. Ministerio de Educación y Ciencia 01/01/2010 - 31/12/2012 FUNDS: 136.125 euros. PI. Armando Blanco Morón

Análisis del estudio del perfil de expresión génica de respuesta tumoral al tratamiento neoadyuvante en pacientes con carcinoma de recto. Entity. Fundación Mutua Madrileña. 2008 – 2011. FUNDS: 92.000 euros. PI. Pablo Palma

Estudio del perfil de expresión génica de respuesta tumoral al tratamiento neoadyuvante en pacientes con carcinoma de recto. Entity. Universidad de Granada. GREIB start up projects for young researchs. 2011 – 2012. FUNDS: 3.000 euros. PI. Marta Cuadros

c-Myc como predictor de respuesta a la radioterapia y capecitabina en células rectales tumorales. Entity: Conserjería de Salud y Bienestar Social. 2014 – 2017. FUNDS: 35.500 euros. PI. Marta Cuadros

Identificación ARN no codificantes como biomarcadores en LLA infantiles. ENTITY: Fundación Inocente Inocente. Entity: University of Granada (UGR), GENYO. 2014 – 2015. FUNDS: 30.000 euros. PI. Pedro Medina.

Regulation systems of gene expression of cancer. Entity: Excellence Projects Junta de Andalucía. PI. Pedro Medina.

Infrastructure and Scientific Equipment 2015 Grants. Entity: Funding Entity Ministry of Economy and Competitiveness. 2014 – 2015. FUNDS: 180.000 euros. PI. Marta Cuadros.

ARNs no codificantes, cromatina y cáncer. Entity: Ministerio de Educación. Entity: Universidad de Granada (UGR), GENYO. 2017-2020. FUNDS: 150.000 euros. PI. Marta Cuadros/Pedro Medina.

Identification of new pharmacological targets in cancer according to the state of genes of the SWI/SNF chromatin remodelling complex. Entity: Ministry of Health. 'Junta de Andalucía'. Entidades participantes: University of Granada (UGR), GENYO. 2017-2018 FUNDS: 35.000 euros. PI. Pedro Medina.

Elaboración de informes sobre tecnologías emergentes relacionadas con la Genética Humana. Entity. Fundación General UGR-Empresa y Fundación Progreso y Salud. 2008/2009 PI. Marta Cuadros Celorrio. FUNDS: 17.317 euros

Elaboración de informes sobre tecnologías emergentes relacionadas con la Genética Humana. Entity. Fundación General UGR-Empresa y Fundación Progreso y Salud. 2008/2009 PI. Marta Cuadros Celorrio. FUNDS: 53.700 euros

C.4. Industrial and intellectual property

Pablo Palma, Marta Cuadros, Carmen Olmedo, Raquel Conde-Muñoz, Carlos Cano, Inmaculada Segura-Jiménez, Armando Blanco, Pablo Bueno, J. Antonio Ferrón. Método de obtención de datos útiles para predecir la respuesta al tratamiento neoadyuvante en pacientes de cáncer de recto. No. P201232070 España. 2012.

C.5, C.6, C.7... Others

Habilitación por la ANECA como PROFESOR TITULAR DE UNIVERSIDAD, desde abril de 2014.

Awards:

- Award from the Avenzoar Foundation, Colegio Oficial de Farmacéuticos de Sevilla, for the best work: "Identification of new therapeutic targets in T-cell lymphomas using microarrays of ADNc, 2005.
- Accesit Award from Diputación Provincial de Cádiz 2006 por "Characterization of T-cell lymphomas using microarrays of ADNc".
- Award Mutua Madrileña Foundation 2008 for the best work published in prestigious national or international journals in the field of basic or clinical oncology in 2007 "Identification of a proliferation signature related to survival in nodal peripheral T-cell lymphomas. J Clin Oncology".
- Award from Real Academia de Medicina 2010 for "Neoadjuvant treatment in rectal cancer: metabolic and molecular biomarkers.
- Young Award from the Academia Iberoamericana de Farmacia "Genómica y Proteómica", 2011.
- Young Award from the Asociación Española de Genética Humana, 2011.
- Premio de la Real Academia de Medicina 2015 for the best work published by Spanish researchers in prestigious national or international journals in the field of basic or clinical oncology.
- Corresponding member of the Royal Academy of Medicine of Andalucía Oriental.

Scientific association:

- Member of the Spanish Association of Human Genetics (AEGH).
- Member of the Spanish Association for Cancer Research (ASEICA).
- Member of the Spanish Society of Biochemistry and Molecular Biology Association.