Part A. PERSONAL INFORMATION

CV date	1/10/2019

First and Family name	María José Carmena Sierra		
Social Security, Passport, ID number	03782610F	Age	66
Researcher codes	WoS Researcher ID *(*)*	I-3198-2015	
	SCOPUS Author ID*(*)*		
	Open Researcher and Contributor ID (ORCID) **	0000-0002-5602-0014	

(*) At least one of these is mandatory
(**) Mandatory

A.1. Current position

Name of University/Institution	University of Alcalá			
Department	Biology of System			
Address and Country	Facultad de Medicina, Campus externo Alcalá de Henares, Spain			
Phone number	918854577	E-mail	mariajose.carmena@uah.es	
Current position	Phd		From	Nov-2009
Key words	Prostate cancer; breast cáncer; VIP; GHRH; dendrimer			

A.2. Education

PhD	University	Year
Phd in Chemical Sciences	University of Alcalá	1983

A.3. JCR articles, h Index, thesis supervised…

Six-year period: 6
Date last six-year period: 2015
Thesis supervised: 3
Sum of times cited: 1296
Average citation per year: 9,5
Publicaciones Q1: 30
Indice h: 20

Part B. CV SUMMARY *(max. 3500 characters, including spaces)*

I am currently Professor of Biochemistry and Molecular Biology, with extensive teaching, research and management experience at the UAH. The research experience is summarized in 6 six-year period, the last in 2015 and the teacher in 6 five-year period. I am part of the research group Neuroendocrinology Molecular. My research activity has been developed in the research of the signaling mechanisms of active neuropeptides, mainly VIP and GHRH, in the oncogenesis of prostate, breast and kidney cells. As a result of this research are the 96 publications in indexed journals, 8 book chapters and more than 90 contributions to national and international congresses, obtained with the funding of 40 projects, in 10 of them as principal researcher. I have directed 11 doctoral thesis and several works for the obtaining of the DEA, master's degree work and end-of-degree work.

Part C. RELEVANT MERITS

C.1. Publications (including books)

M. Maroto-Diaz; N. Sanz del Olmo; L. Muñoz-Moreno; A. M. Bajo; M. J. Carmena; R. Gómez; S. García-Gallegoh, F. J. de la Mata.
"In vitro" and "in vivo" evaluation of carbosilane Ru(II)-metallodendrimers in advanced prostate cancer
European Polymer Journal 2019, 113,229-235.

L. Muñoz-Moreno, A.V. Schally, J.C. Prieto, M.J. Carmena, A.M. Bajo.

Growth hormone-releasing hormone receptor antagonists modify molecular machinery in the progression of prostate cancer.
Prostate 2018, 78, 915-926.

R. Vásquez-Villanueva, L. Muñoz-Moreno, M.J. Carmena, M.L. Marina,M.C. Garcia
In vitro antitumor and hypotensive activity of peptides from olive seeds.
Journal of Functional Foods 2018, 42, 177-184.

L. Muñoz-Moreno, A.M. Bajo, J.C. Prieto, M.J. Carmena
Growth hormone-releasing hormone (GHRH) promotes metastatic phenotypes through EGFR/HER2 transactivation in prostate cancer cells.
Molecular and Cellular Endocrinogy 2017, 86, 153-161.

L. Muñoz-Moreno, I. Arenas, M.J. Carmena, A.V. Schally, M. Sánchez-Chapado, J.C. Prieto, A.M. Bajo
Anti-proliferative and pro-apoptotic effects of GHRH antagonis in prostate cancer tumors
Oncotarget 2016, 7,52195-52206

A.B.Fernández-Martinez, M.J. Carmena, A.M. Bajo, E. Vacas, M. Sánchez-Chapado, J.C. Prieto
VIP induces NF-κB1-muclear localization through different signaling pathways in human tumour and non-tumour Growth prostate cells
Cellular Signalling 2015,27, 236-244

E. Vacas, M.I., L. Muñoz-Moreno, A.B. Fernández-Martinez, A.M. Bajo, M.Sanchez-Chapado, J.C. Prieto, M.J. Carmena
Signalling pathways involved in antitumoral effects of VIP in human renal cell carcinoma A498 cells: VIP induction of p53 expression
The International Journal of Biochemistry and Cell Biology 2014: 53, 295-301.

E. Vacas, M.I. Arenas, L. Muñoz-Moreno, A.M. Bajo, M.Sanchez-Chapado, J.C. Prieto, M.J. Carmena
Antitumoral effect of vasoactive intestinal peptide in human renal cell carcinoma xenografts in athymic nude mice
Cancer Letters 2013: 336, 196-203.

E. Vacas, A.M. Bajo, A.V. Schally, M.Sanchez-Chapado, J.C. Prieto, M.J. Carmena
Vasoactive intestinal peptide induces oxidative stress and suppresses metastatic potential in human clear cell renal carcinoma
Molecular and Cellular Endocrinology 2013, 365, 212—222.

A.B. Fernández-Martínez, A.M. Bajo, M.I. Arenas, M. Sánchez-Chapado, J.C. Prieto, M.J. Carmena
Vasoactive intestinal peptide (VIP) induces malignant transformation of the human prostate epithelial cell line RWPE-1
Cancer Letters 2010: 299:11-21.

C.2. Research projects and grants

Project title: Receptors and signaling pathways of vasoactive intestinal peptide (VIP) in renal cancer: potential role as therapeutic targets.
Funding agency: Community of Castilla la Mancha, PII 1/09-0061-3802
Lead researcher of the project: María José Carmena Sierra
Year of concession, duration of the project and amount granted: 2009-2013, 50,000€

-Project title: Effect of PC3- exosomes on the progression of prostate cancer

Year of concession, duration of the project and amount granted: UAH GC2014-001.2014-2015. 8,400€
Responsible researcher: María José Carmena Sierra

-Project title: DEVELOPMENT OF SUSTAINABLE METHODS FOR THE USE OF FOOD INDUSTRY SUBPRODUCTS WITH ELEVATED PROTEIC CONTENT
Year of concession, duration of the project and amount granted: MEC AGL2016-79010-R Aid for the creation of research groups: 2017-2019. Participating entity: UAH
Duration, from 1-01- 2017 to 31-12-2019 Amount of the grant: 99,450€
Responsible researcher: María Concepción García López
Number of participating researchers: 7

-Project title: Consortium for the study of acute renal failure: physiology, new therapies, biomarkers and experimental models
Funding entity: B2017/BMD3686 Community of Madrid
Participating entities: University of Alcala and others
Duration, from: 2018 to: 2021
Amount of the grant: 810,362€
Responsible researcher: Ricardo J Bosch

C.4. Patents

Registered industrial property title: Nanoconjugates formed by dendritic molecules and peptides as antitumor agents against cancer.
Inventors/authors/breeders: F. Javier de la Mata de la Mata, María José Carmena Sierra, Rafael Gómez Ramirez, Javier Sánchez-Nieves Fernández, Laura Muñoz Moreno; Maria Sanchez Milla
Rightholder entity: University of Alcala
Application number: P201700069
Country of registration: Spain, Community of Madrid

C.5, C.6, C.7… (e. g., Institutional responsibilities, memberships of scientific societies…)

Academic Director of the University Master's Degree "Therapeutic Dianas in Cell Signage". 2008- go on.
- External evaluator of the ANECA Academy Program. 2009-2016.
-Director of the Department of Biochemistry and Molecular Biology of the UAH. 2010-2013
- Member of the Teaching Innovation Group: "InnovARTE: Active Learning Teaching Innovation Group"
- Member of the UAH Research Group: "Molecular Neuroendocrinology Unit”