Fecha del CVA	04/10/2019

Parte A. DATOS PERSONALES

Nombre y Apellidos	laura garcia corzo		
DNI/NIE/Pasaporte		Edad	
Núm. identificación del investigador	Researcher ID		
	Scopus Author ID	37761310600	
	Código ORCID	0000-0001-5571-6776	

A.1. Situación profesional actual

Organismo	Biomedicine Institute of Valnecia		
Dpto. / Centro			
Dirección			
Teléfono	Correo electrónico		
Categoría profesional	Postdoc position by Generalitat Valenciana	Fecha inicio	2018
Espec. cód. UNESCO			
Palabras clave			

A.2. Formación académica (titulo, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
Biotechnology program	University of Granada	2014
Biotechnology Master	University of Granada	2009
Bachelor Degree in Biolology	University of Granada	2007
Pharmacy Auxiliary	Ministry of Employment and Social Security	2000

A.3. Indicadores generales de calidad de la producción científica

Last five yearsResults found: 8

Sum of the Times Cited :93
Sum of Times Cited without self-citations :92
Citing Articles : 81
Citing Articles without self-citations :80
Average Citations per Item : 11.63

index :4

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

Brief professional biosketch:

Dr. Laura Garcia Corzo received her PhD in Biotechnology from the University of Granada in january of 2014. During my PhD, I have been actively involved in several scientific and technological activities. During my predoctoral formation, I have performed two short-term scientific stay; one of them was in the group of Dr. Jose Antonio Enriquez (CNIC, Madrid, Spain), the second one was in the laboratory directed by Dr. Philip Morgan and Dr. Margaret Sedensky (University of Washington, Seattle, USA) granted by Vice-rector´s office for international relations and development cooperation of the University of Granada. Instead, I have enrolled in 4 international and national research project, I have participated in several international and national congress and conferences; some of them I have selected for oral communication and being awarded with travel award to congress attendance. On the other hand, I have enrolled to two scientific societies, I have organized internal seminars in my R&D centre during 2 years and I carried out several training courses to adquire other knowledges and improve skills neeedly for performing my scientific career. Furthemore, I performed a business experience in the Melatonin International Institute (liMEL) that gave a deep management skills.

Additionally, I have teached lab practices in Medicine faculty during four years and I have directly supervised and evaluated a final work of degree. In sum, my PhD work gave rise to 10 research publications, two as a

first author in well respected peer-reviewed journals as Human Molecular Genetics and BBA.

After to finish my PhD, I obtained a research contract in the Biology of LINE-1 retrotransposons group under supervision of Dr. Jose Luis García Perez at GENyO. In 2014, I obtained a postdoctoral contract by Juan de la Cierva- formation 2014 from National Programme for the Promotion of Talent and Its Employability from Ministry of Economy and Competitiveness (MINECO) and I joined to Helena Mira lab at Unit of Molecular Neurobiology (Institute of Health Carlos III). During this time I have performed differents projects related with adult neurogenesis. Some of them are granted by National Programme for Research Aimed at the Challenges of Society from Ministry of Economy and Competitiveness (MINECO) and Prometeo program by Valencian Generalitat. During last five years I have got several achievement like I was invited to be a doctoral thesys tribunal of Dr. Marta Luna Sanchez in the University of Granada and I have been reviewer for Brain plasticity journal. In addition, I have been obtained a grant for short-term scientific stay by “Jose Castillejo program” from MINECO in the Meng Li lab at University of Cardiff. Moreover, I am a new member of Spanish Network of Adult neurogenesis (RENA) and I was invited as a evaluator tribunal of congress of young researcher in biomedicine of valencia in 2019. Nowadays, I have a postdoctoral contract from Generalitat Valenciana in collaboration with Dr. Vicente Andrés (CNIC, Madrid). In sum, my postdoctoral work gave rise to 3 research publications in well respected peer-reviewed journals and one paper as a first author (in preparation).

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

1 **Artículo científico**. Schouten M; et al. 2019. Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain.
2 **Artículo científico**. Díaz-Moreno M,; et al. 2018. Noggin rescues age-related stem cell loss in the brain of senescent mice with neurodegenerative pathology PNAS.
3 **Artículo científico**. Lopez LC; et al. 2014. Pathomechanisms in Coenzyme Q10 Deficient Human Fibroblasts Molecular Syndromology. 5-3-4, pp.163-169.
4 **Artículo científico**. Garcia-Corzo, L; et al. 2014. Ubiquinol-10 ameliorates mitochondrial encephalopathy associated to CoQ deficiency Biochimica et Biophysica Acta (BBA). 1842-7, pp.893-901.
5 **Artículo científico**. López Lc; et al. 2013. Argan oil-contained antioxidants for human mitocondria Natural Product Comunications. 8-1, pp.47-50.
6 **Artículo científico**. García-Corzo L; et al. 2013. Dysfunctional Coq9 Protein Causes Predominant Encephalomyopathy Associated to CoQ Deficiency Human Molecular Genetics. 22-6, pp.1233-1248.
7 **Artículo científico**. Venegas C; et al. 2012. Extrapineal melatonin: analysis of its subcellular distribution and daily fluctuations.Journal of Pineal Research. 52-2, pp.1691-173.
8 **Artículo científico**. Venegas C; et al. 2011. Determination of coenzyme q(10), coenzyme q(9), and melatonin contents in virgin argan oils: comparison with other edible vegetable oils.Journal of Agricultural and food chemistry. 59-22, pp.217-227.
9 **Artículo científico**. Escames G; et al. 2011. Mitochondrial DNA and inflammatory diseases Human Genetic. 131-2, pp.161-173.
10 **Artículo científico**. Acuña-Castroviejo D; et al. 2011. Melatonin protects lung mitochondria from aging.Age. 24-3, pp.681-692.
11 **Artículo científico**. Garcia JJ; et al. 2010. The role of mitochondria in the aging brain and the effects of melatonina Current Neuropharmacology. 8-3, pp.182-193.
12 **Artículo científico**. Carretero M; et al. 2009. Long-term melatonin administration protects brain mitochondria from aging Journal of Pineal Research. 47-2, pp.192-200.
13 **Artículo científico**. Schouten M; et al. Circadian Glucocorticoid Oscillations Preserve a Population of Adult Hippocampal Neural Stem Cells in the Aging Brain Molecular Psychiatry. Under second review.

14 **Reseña**. Casares-Crespo L; et al. 2018. On the Role of Basal Autophagy in Adult Neural Stem Cells and Neurogenesis.Front Cell Neurosci. 12-339.

C.2. Proyectos

1 Role of BMP signalling in adult hippocampal neurogenesis and in age-related brain pathology Helena Mira Aparicio. (Biomedical Institut of Valencia (IBV), Spanish Research Council (CSIC)). 01/09/2016-01/09/2019. 254,1 €.
2 MOUSE MODEL OF COQ DEFICIENCY: PATHOGENESIS AND TREATMENT Marie Curie International Reintegration Grant. López LC. (University of Granada). 01/2009-31/10/2013. 100 €.
3 Physiopathology and treatment of CoQ deficiency CEIBioTic Granada. Luis Carlos López García. (University of Granada). 01/05/2012-31/12/2012. 20 €.
4 Mouse models with primary deficiency of ubiquinone: characterization and therapeutic approaches Ministerio de Ciencia e Innovación. Investigación. Luis Carlos López García. (University of Granada). 01/01/2009-31/12/2012. 121 €.
5 Studying the nephrotic syndrome associated to CoQ deficiency Universidad de Granada. Luis Carlos López García. (University of Granada). 01/07/2011-30/06/2012. 12 €.

C.3. Contratos

LINE-1 movement control in mammal cells 14/07/2014-14/04/2015.

C.4. Patentes