

Date of the CVA

24/01/2019

Section A. PERSONAL DATA

Name and Surname			
DNI/NIE/Passport		Age	
Researcher's identification number	Researcher ID		
	Scopus Author ID		
	ORCID		

A.1. Current professional situation

Institution			
Dpt. / Centre			
Address			
Phone	Email		
Professional category		Start date	
UNESCO spec. code			
Keywords			

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year

A.3. General quality indicators of scientific production

Section B. SUMMARY OF THE CURRICULUM

As a doctor with special dedication to Neuromuscular Disorders and ALS patients since 2002 at Hospital universitario de Valme (Sevilla, 2008-2010) and at Hospital Universitario Virgen del Rocío (Sevilla, 2011-present), she leads the Laboratory of Neuromuscular Disorders at Biomedicine Institute of Sevilla (the main translational research in southern Spain, <https://www.ibis-sevilla.es/enfermedades-neuromusculares.aspx>). Therefore, she is as deeply committed to the diagnosis and multidisciplinary care of this type of patients as to the understanding of pathogenic mechanisms underlying the neuromuscular disorders. She has been recently designated as leader of an independent CIBERNED group in 2018.

Dr. Carmen Paradas, after finishing her residency in Neurology in Sevilla (2002) was awarded a Research Formation Fellowship (BEFI) by ISCIII, obtaining her PhD degree from the University of Seville in 2006. From 2008 to 2010 worked as postdoctoral fellow at the laboratory of Prof. Rafael Fernández-Chacón at University of Sevilla. From 2011 to 2013 she developed a second postdoctoral period working in the Neuromuscular Laboratory lead by Dr. Hirano and Dr. DiMauro at Columbia University (NYC, USA). In 2014, she started her own laboratory at the Institute of Biomedicine of Seville (IBiS), associated to the Hospital Universitario Virgen del Rocío. In 2016, Carmen Paradas was awarded a Matsumae International Foundation fellowship and has been a visiting scientist at the National Center of Neurology and Psychiatry, Tokyo (Dr. Ichizo Nishino), establishing a new international collaboration.

Dr. Carmen Paradas' lab uses molecular biology, cell culture, human genetics, animal models, and electrophysiology to study the pathomechanisms underlying the Neuromuscular Disorders and ALS. They develop in-vitro, ex-vivo and in-vivo assays to investigate the pathogenic hypothesis raising from the clinical work, trying to develop a translational bed-to-bench-to-bed research.

It has to be noticed that under Carmen Paradas' coordination, the Unit of Neuromuscular Disorders of Hospital Universitario Virgen del Rocío/IBiS, to which this research group belongs, has been recently designated as National Reference Unit by the Spanish Ministry of Health

(CSUR). In 2016, she was part of the European committee to elaborate the criteria for the European Reference Network (ERN) in Neuromuscular Disorders and ALS, and her Neuromuscular Unit, together with her research group, has been evaluated and designated part of this ERN (EURO-NMD). Dr Paradas is part of this ERN Board and Co-Chair (<https://ern-euro-nmd.eu/contact/carmen-paradas/>) of the Muscle Disorders activity group. Altogether Carmen Paradas' group is positioned in the first line at international level in the field of the Neuromuscular Disorders, at clinical and research level.

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

C.2. Participation in R&D and Innovation projects

C.3. Participation in R&D and Innovation contracts

C.4. Patents