Fecha del CVA	21/03/2022

Parte A. DATOS PERSONALES

Nombre *	Ana		
Apellidos *	Moraga Yébenes		
Sexo *	Mujer	Fecha de Nacimiento *	27/09/1980
DNI/NIE/Pasaporte *	70578681F	Teléfono *	(0034) 623033645
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Dirección Email	amoragayebenes@gmail.com		
Identificador científico	Open Researcher and Contributor ID (ORCID) *	0000-0001-6695-557X	
	Researcher ID		
	Scopus Author ID	54417738400	

* Obligatorio

A.1. Situación profesional actual

Puesto	Investigadora		
Fecha inicio	2020		
Organismo / Institución	FUNDACION PARA LA INVEST. BIOMEDICA DEL HOSPITAL UNIV. DOCE DE OCTUBRE		
Departamento / Centro			
País		Teléfono	
Palabras clave			

A.2. Situación profesional anterior

Periodo	Puesto / Institución / País
2018 - 2020	1 / Queen Mary University of London
2015 - 2018	1 / King's College of London
2015 - 2015	1 / APTATARGETS, SL
2010 - 2015	1 / Universidad Complutense de Madrid
2008 - 2009	1 / Centro de investigación biomédica en red de Enfermedades neurodegenerativas. Hospital Ramón y Cajal
2007 - 2008	1 / FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL

A.3. Formación académica

Grado/Master/Tesis	Universidad / País	Año
Programa Oficial de Doctorado en Ciencias Biomédicas	Universidad Complutense de Madrid	2014
Licenciado en Biología	Universidad de Granada	2005

A.4. Indicadores generales de calidad de la producción científica

- Indexed articles: 21 (PubMed).
- Q1 publications: 15.
- Citations: 788 (Web of Science; WOS)
- H-index (January 2021): 16 (WOS)

I got my **PhD degree in Biomedicine with special distinction (Extraordinary prize)** in September 2014. One of the most notable merits of my research and professional career is, in my opinion, to have been working in **different international laboratories**, which has given me versatility and the desire to innovate in the transmission of knowledge and in learning new techniques. Besides, the acquired level of the English language has provided me with the necessary tools to be able to give talks and seminars in other countries, as well as having had

the opportunity to direct master and doctoral students in the English language in the United Kingdom. Participation in different national and international projects has allowed me to publish **5 scientific articles as the first author, 3 of which make up my doctoral thesis**. Also, belonging to national **research networks** such as **INVICTUS**, has allowed me to attend annual meetings where I have been able to update my knowledge in the field of stroke research as well as share my progress with internationally renowned scientists. Currently, I am a member of the i + 12 Research Institute. Once again, in this postdoctoral stage, I am immersed in a multidisciplinary and collaborative environment, which allows me to continuously update my knowledge and the development of cutting-edge research, in which combining basic and clinical research is allowing me to understand the science of translational medicine form which will help me to transmit this knowledge more objectively and correctly in my teaching work. In my current position, I co-lead the project called "iNeutroStroke: search for new therapies to combat stroke with neutrophils derived from induced pluripotent stem cells". This ambitious project, co-directed with Professor Ignacio Lizasoain, will allow me to put into practice the cutting-edge techniques that I learned in the five years I have spent researching in the UK. As you can see in my curriculum vitae, one of my main motivations in research has been the individualized teaching of students in the laboratory, since I consider that it is the first step to understand and love science, to learn to be constant and patient, and develop that vision Criticism so necessary in the good researcher and teacher. For this reason, I have **tutored five end-of-degree medical students, two end-of-master theses in the UK and I have also co-supervised a doctoral thesis.** These experiences have been rewarding and inspiring in my career.

Parte C. MÉRITOS MÁS RELEVANTES

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores. Si aplica, indique el número de citaciones

1 **Artículo científico**. Garcia-Culebras, Alicia; Duran-Laforet, Violeta; Pena-Martinez, Carolina; et al; Lizasoain, Ignacio. 2019. Role of TLR4 (Toll-Like Receptor 4) in N1/N2 Neutrophil Programming After Stroke Stroke. LIPPINCOTT WILLIAMS & WILKINS. 50, pp.2922-2932.

2 **Artículo científico**. Xu, Jing; Yang, Junyao; Nyga, Agata; et al; Shelton, Julia C.2018. Cobalt (II) ions and nanoparticles induce macrophage retention by ROSmediated down-regulation of RhoA expression ACTA BIOMATERIALIA. ELSEVIER SCI LTD. 72, pp.434-446.

3 **Artículo científico**. Pan, Yiwa; Yang, Junyao; Wei, Yongzhen; et al; Zhao, Qiang. 2018. Histone Deacetylase 7-Derived Peptides Play a Vital Role in Vascular Repair and Regeneration ADVANCED SCIENCE. WILEY.

4 **Artículo científico**. Fernandez, Geronimo; Moraga, A.; Cuartero, MI.; et al; Lizasoain, I.2018. TLR4-Binding DNA Aptamers Show a Protective Effect against Acute Stroke in Animal Models MOLECULAR THERAPY. CELL PRESS. 26, pp.2047-2059.

5 **Artículo científico**. Moraga, A.; Gomez-Vallejo, Vanessa; Cuartero, MI; et al; Lizasoain, I.2016. Imaging the role of toll-like receptor 4 on cell proliferation and inflammation after cerebral ischemia by positron emission tomography JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM. 36, pp.702-708.

6 **Artículo científico**. Moraga, A.; Pradillo, JM; Garcia-Culebras, Alicia; Palma- Tortosa, S; Ballesteros, I.; Hernandez-Jimenez, M; Moro, MA.; Lizasoain, I.2015. Aging increases microglial proliferation, delays cell migration, and decreases cortical neurogenesis after focal cerebral ischemia JOURNAL OF NEUROINFLAMMATION. BIOMED CENTRAL LTD. 12.

7 **Artículo científico**. Moraga, Ana; Pradillo,JM; Cuartero, MI.; Hernandez-Jimenez, M.; Oses, M.; Moro, MA.; Lizasoain, I.2014. Toll-like receptor 4 modulates cell migration and cortical neurogenesis after focal cerebral ischemia FASEB JOURNAL. FEDERATION AMER SOC EXP BIOL. 28, pp.4710-4718.

8 **Artículo científico**. Faraco, Giuseppe; Moraga, Ana; Moore, Jamie; Anrather, Joseph; Pickel, Virginia M.; Iadecola, C.2013. Circulating Endothelin-1 Alters Critical Mechanisms Regulating Cerebral Microcirculation Hypertension. LIPPINCOTT WILLIAMS & WILKINS. 62, pp.759.

9 **Artículo científico**. Cuartero, I.; Ballesteros, I.; Moraga, A.; et al; Moro, MA.2013. N2 Neutrophils, Novel Players in Brain Inflammation After Stroke Modulation by the PPAR gamma Agonist Rosiglitazone Stroke. LIPPINCOTT WILLIAMS & WILKINS. 44, pp.3498-3508.

C.3. Proyectos y Contratos

1 **Proyecto**. Red Invictus. Enfermedades vasculares cerebrales (ICTUS). (Facultad de Medicina). 01/01/2013-31/12/2016. 336.152 €.

2 **Proyecto**. Imagen molecular multimodal de la inflamación. Ignacio Lizasoain Hernández. (Facultad de Medicina). 01/01/2012-31/12/2015.

3 **Proyecto**. Doble función de los receptores Toll-like en el ictus: reguladores de daño y reparación. (Facultad de Medicina). 01/01/2011-31/12/2013. 254.100 €.

4 **Proyecto**. Implicación de los receptores "Toll-like" en el ictus. (Facultad de Medicina). 01/01/2008-31/12/2010. 254.100 €.

C.4. Actividades de transferencia y explotación de resultados

Ignacio Lizasoain Hernández; Víctor Manuel González Muñoz; Gerónimo Fernández Gómez-Chacón; María Ángeles Moro Sánchez; María Elena Martín Palma; Ana Moraga Yébenes. P201430955. APTÁMEROS ESPECÍFICOS DE TLR-4 Y USOS DE LOS MISMOS España. 24/06/2014.