

Part A. PERSONAL INFORMATION

CV date	10-10-2020
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First and Family name	César Ordóñez Pascua		
Social Security, Passport, ID number	9773890V	Age	52
Researcher codes	Open Researcher and Contributor ID (ORCID**)	57169865200	
	SCOPUS Author ID (*)	0000-0002-4685-3901	
	WoS Researcher ID (*)		

(*) *Optional*

(**) *Mandatory*

A.1. Current position

Name of University/Institution	Universidad de León		
Department	Biomedical Science Dpt./ Ftad. Veterinary Medicine		
Address and Country	Campus de Vegazana s/n 24071 León		
Phone number	987291250	E-mail	c.ordonez@unileon.es
Current position	Profesor Titular de Universidad	From	2000
Key words	Pharmacology, Toxicology		

A.2. Education

PhD, Licensed, Graduate	University	Year
Pharmacy	Complutense de Madrid	1992
PhD ULE	Universidad de León	2001

A.3. General indicators of quality of scientific production (source Scopus)

- Nº sexenios: 3 /último sexenio reconocido 2014
- Nº supervised pHD: 2009-2018: 0
- Total number of publications JCR: 27
- Total citation number: 408
- Average of publications/year: 22
- Total number of publications in Q1: 8
- H index = 9

Part B. CV SUMMARY

Dr. Ordonez obtained a double doctorate in 2000 from the University of León and in Pharmacy from the University of Aix-Provence (Marseille France), where he spent two years working on the synthesis of new quinoline and pyridoquinoline derivatives. These compounds were tested in in vitro assays using cell cultures in which their potential use and toxicity were identified. The development of these methods served as the basis for the evaluation of different compounds of other groups such as pesticides, metals, ... that have also resulted in various publications.

During in these years he collaborated within a research line based on the potentiality of polyamine metabolism as a possible therapeutic target against infections caused by kinetoplastids.

In recent years, it has been integrated into the research field of DNA topoisomerases from kinetoplastids and apicomplexan parasites (*Cryptosporidium*), as a possible therapeutic target, which has among other results demonstrated the existence of a protein in trypanosomatids with novel structural characteristics. Dr. Ordonez has contributed to the molecular characterization of this enzyme, and screening with different chemical compounds.

In addition to this main line of research, he has collaborated with other groups in the study of the prevalence of smoking among students of health sciences at the University of León, as well as in the study of lead toxicity compared to wild ducks (*Anas platyrhynchos*) and captives. During last years he is responsible of Cultural Activities of the ULE.



Part C. RELEVANT MERITS

C.1. Publications

- Álvarez-Bardón M, Pérez-Pertejo Y, Ordóñez C, Sepúlveda-Crespo D, Carballeira NM, Tekwani BL, Murugesan S, Martínez-Valladares M, García-Estrada C, Reguera RM, Balaña-Fouce R. Screening Marine Natural Products for New Drug Leads against Trypanosomatids and Malaria. *Mar Drugs*. 2020 Mar 31;18(4):187.
- Fernández-García D, Ordás B, Fernández-Peña R, Bárcena-Calvo C, Ordoñez C, Amo-Setién FJ, Gómez-Salgado J, Martínez-Isasi S. Smoking in nursing students: A prevalence multicenter study. *Medicine (Baltimore)*. 2020 Apr;99(14):e19414.
- Reguera, R.M., Pérez-Pertejo, Y., Gutiérrez-Corbo, C., Domínguez-Asenjo, B., Ordóñez, C., García-Estrada, C., Martínez-Valladares, M., Balaña-Fouce, R. (2019) Current and promising novel drug candidates against visceral leishmaniasis. *Pure Appl. Chem*. 91: 1385-1404
- Ordás B, Fernández D, Ordóñez C, Marqués-Sánchez P, Álvarez MJ, Martínez S, Pinto A. Changes in use, knowledge, beliefs and attitudes relating to tobacco among nursing and physiotherapy students: a 10-year analysis. *J Adv Nurs*. 2015 Oct;71(10):2326-37.
- Fernández D, Ordás B, Álvarez MJ, Ordóñez C. Knowledge, attitudes and tobacco use among nursing and physiotherapy students. *Int Nurs Rev*. 2015 Sep;62(3):303-11.
- Prada CF, Alvarez-Velilla R, Balaña-Fouce R, Prieto C, Calvo-Álvarez E, Escudero-Martínez JM, Requena JM, Ordóñez C, Desideri A, Pérez-Pertejo Y, Reguera RM. (2013) Gimitecan and other camptothecin derivatives poison Leishmania DNA-topoisomerase IB leading to a strong leishmanicidal effect. *Biochem Pharmacol*. 85:1433-1440.

C.2. Research projects

- **Title:** “Real-time bioluminescent imaging applications in real time for drug development against Leishmania”. Universidad de León (ULE); IP: **Rafael Balaña Fouce**; MINECO AGL 2010-16078 (2011-2013) **Budget:** 60.000 euros
- **Title:** “Evaluation of the anthelmintic activity of new molecules by in vitro assays against tricostrongilids” Universidad de León (ULE); IP: **Rafael Balaña Fouce**; Junta de Castilla y León (LE020P17) (2017-2019) **Budget:** 120.000 euros
- **Title:** “Control of ovine tricostrongilidosis: design, synthesis and clinical trials of efficacy of new anthelmintic action molecules”. Universidad de León (ULE); IP: **Rafael Balaña Fouce** and María Martínez Valladares; MINECO AGL2016-79813-C2-1R (2016-2019) **Budget:** 100.000 euros

C.3. Contracts, technological or transfer merits

- **Title of the contract:** Protección de derivados del ácido butírico en el control de la salmonellosis aviar
Role: researcher
Number of researchers: 3
Participant entities: Norel & Nature / Universidad de León
Funding entities: CDTI
Date: 2010 / Fecha fin: 2010

C.4. Patents

C.5. Others

- During last years he is responsible of Cultural Activities of the ULE.