



**Part A. PERSONAL INFORMATION**

**CV date**

09/10/2019

First and Family name	JOSE ANTONIO LÓPEZ MORENO		
Social Security, Passport, ID number		Age	
Researcher numbers	Researcher ID	A-2827-2011	
	ORCID code	0000-0003-3552-6101	

**A.1. Current position**

Name of University/Institution	Complutense University of Madrid. School of Psychology		
Department	Dept. of Psychobiology & Behavioral Sciences Methods		
Address and Country	School of Psychology. UCM. Somosaguas Campus. 28223. Spain		
Phone number	+34 91 394 3093	E-mail	<a href="mailto:jalopezm@psi.ucm.es">jalopezm@psi.ucm.es</a>
Current position	Full Professor	From	31-05-2018
UNESCO code	6113.01, 6113.03, 6113.05, 2409, 241.07, 2301.02		
Key words	Psychopharmacology, Genetics, Neurobiology, Alcohol, Drug abuse.		

**A.2. Education**

Degree/PhD	University	Year
PhD: Neurosciences	Complutense University of Madrid	2005
Degree in Psychology	Complutense University of Madrid	2001

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

Scopus (Elsevier). 10-08-2019:

Documents by author: 46

Total citations: 727

Average citations per article (since 1 January 2009): 20.4

Average citations/year (last 5 years): 79.6

*h-index*: 17

Articles in Q1: 24

Six-year research periods: 2 (Last granted in 2014)

Doctoral theses supervised. Finished: 5

Doctoral theses supervised. In progress: 4

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

I am a psychobiologist with special interest in genetics, psychopharmacology of behavior, and recently, in the role of the intestinal microbiota and the gut-brain axis in mental health. After the defense of my thesis in 2005 I continued working in the Department of Psychobiology with a position as assistant professor at the Complutense University of Madrid. In 2007 I held a position as a professor at the same university and began to lead the research group "Psychopharmacology, Genetics and Prevention of Addiction". In 2012 I held the position of professor of psychology and since May 2018 I am a Full Professor at the university. I have extensive experience in preclinical research in the field of neuroscience, genetics and psychopharmacology of behavior with special emphasis on translational research. Among the stays in foreign centers include those carried out with Walter Fratta's team (Department of Neuroscience "Bernard B. Brodie", University of Cagliari, Italy), Kari Buck's team (Department of Neuroscience, OHSU, Portland, Oregon, USA), and the team of Pierre-Marie Lledo (Laboratory of Perception and Memory, Pasteur Institute, Paris, France) that have given rise to several publications in relevant impact factor journals. At the end of 2015 I founded and directed the Technological Base Company UCM, Mideloy, with the participation of the Complutense University of Madrid.

In the last years, me and my research team have organized several international congresses in the field of the biological basis of behavior (like the IBANGS 2017 Meeting in Madrid), as well as different international symposia on the intestinal microbiota and the gut-brain axis (as in the ESBRA meeting in September 2019). Currently, we are organizing the annual ESBRA

Nordmann Award Meeting which will be held in Madrid from October 15<sup>th</sup> to 17<sup>th</sup> on the topic of the relationship between microbiota and alcohol consumption.

## Part C. RELEVANT MERITS

### C.1. Publications

- 1.- Ruiz-Roso MB, Echeverry-Alzate V, Ruiz-Roso B, Quintela JC, Ballesteros S, Lahera V, de las Heras N, **López-Moreno JA**, Martín-Fernandez B. Low phytanic acid-concentrated DHA prevents cognitive deficit and regulates Alzheimer disease mediators in ApoE<sup>-/-</sup> mice experimental model. *Nutrients*. 2018 Dec 20;11(1). pii: E11. Impact Factor (2018): **4.171 (Q1)**
- 2.- Echeverry-Alzate V, Bühler KM, Calleja-Conde J, Huertas E, Maldonado R, Rodríguez de Fonseca F, Santiago C, Gómez-Gallego F, Santos A, Giné E, **López-Moreno JA**. Adult-onset hypothyroidism increases ethanol consumption. *Psychopharmacology*. 2018. Nov 23. doi: 10.1007/s00213-018-5123-1. Impact Factor (2018): **3,424 (Q1)**
- 3.- Alen F, Decara J, Brunori G, You ZB, Bühler KM, **López-Moreno JA**, Cippitelli A, Pavon FJ, Suárez J, Gardner EL, de la Torre R, Ciccocioppo R, Serrano A, Rodríguez de Fonseca F. PPAR $\alpha$ /CB1 receptor dual ligands as a novel therapy for alcohol use disorder: Evaluation of a novel oleic acid conjugate in preclinical rat models. *Biochem Pharmacol*. 2018 Sep 6. pii: S0006-2952(18)30390-3. doi: 10.1016/j.bcp.2018.09.008. Impact Factor (2018): **4,825 (Q1)**
- 4.- Roldán M, Echeverry-Alzate V, Bühler KM, Sánchez-Diez IJ, Calleja-Conde J, Olmos P, Boehm SL, Maldonado R, Rodríguez de Fonseca F, Santiago C, Gómez-Gallego F, Giné E, **López-Moreno JA**. Red Bull® energy drink increases consumption of higher concentrations of alcohol. *Addict Biol*. 2018 Sep 22. doi:10.1111/adb.12560. Impact Factor (2018): **5.578 (Q1)**
- 5.- Giné, Echeverry-Alzate V, **Lopez-Moreno JA**, Rodriguez de Fonseca F, Perez-Castillo A, Santos A. The CB1 receptor is required for the establishment of the hyperlocomotor phenotype in developmentally-induced hypothyroidism in mice. *Neuropharmacology*. 2017 Apr;116:132-141. Impact Factor (2017): **4.249 (Q1)**.
- 6.- Calleja-Conde J, Echeverry-Alzate V, Giné E, Bühler KM, Nadal R, Maldonado R, Rodríguez de Fonseca F, Gual A, **López-Moreno JA**. Nalmefene is effective at reducing alcohol seeking, treating alcohol-cocaine interactions and reducing alcohol-induced histone deacetylases gene expression in blood. *Br J Pharmacol*. 2016 Aug;173(16):2490-505. Impact Factor (2016): **5.49 (Q1)**
- 7.- Bühler KM, Giné E, Echeverry-Alzate V, Calleja-Conde J, de Fonseca FR, **López-Moreno JA**. Common single nucleotide variants underlying drug addiction: more than a decade of research. *Addict Biol*. 2015 20(5):845-71. Impact Factor (2015): **4.54 (Q1)**
- 8.- Echeverry-Alzate V, Giné E, Bühler KM, Calleja-Conde J, Olmos P, Gorriti MA, Nadal R, Rodríguez de Fonseca F, **López-Moreno JA**. Effects of topiramate on ethanol-cocaine interactions and DNA methyltransferase gene expression in the rat prefrontal cortex. *Br J Pharmacol*. 2014. 171(12):3023-36. Impact Factor (2014): **4,842 (Q1)**
- 9.- Echeverry-Alzate V, Tuda-Arízcon M, Bühler KM, Santos Á, Giné E, Olmos P, Gorriti MÁ, Huertas E, Rodríguez de Fonseca F, **López-Moreno JA**. Cocaine reverses the naltrexone-induced reduction in operant ethanol self-administration: the effects on immediate-early gene expression in the rat prefrontal cortex. *Neuropharmacology*. 2012 63(6):927-35. Impact Factor (2012): **4,114 (Q1)**.
- 10.- Moreno-Sanz G, O'Shea E, Orio L, Escobedo I, González-Cuevas G, Navarro M, Colado MI, **López-Moreno JA**. Administration of MDMA to ethanol-deprived rats increases ethanol

operant self-administration and dopamine release during reinstatement. Int J Neuropsychopharmacol. 2009 12(7):929-40. Impact Factor (2009): **4.874 (Q1)**

## C.2. Research projects and grants

Reference: **2018-050**

Title: **Alcohol and gut microbiota considering gender / sex differences.**

Funding entity: **Spanish Ministry of Health, Consumer Affairs and Social Welfare. National Plan on Drugs.**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2019 – 31 /12/2021**

Total amount (euros): **72.000 €**

Reference: **16/0017/0008**

Title: **Funding to establish stable structures in the area of biomedicine and health science.**

**Addictive Disorders Network**

Funding entity: **National Institute of Health Carlos III**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2017 – 31/12/2021**

Total amount (euros): **89.034 €**

Reference: **FCT-18-13622**

Title: **Digital evaluation of scientific culture in Secondary Education in Spain**

Funding entity: **Spanish Ministry of Economy and Business - FECYT**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/04/2019 – 31 /06/2020**

Total amount (euros): **29.000 €**

Reference: **FCT-17-12187**

Title: **Digital evaluation of scientific culture in Secondary Education in Madrid**

Funding entity: **Spanish Ministry of Economy and Business - FECYT**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/05/2018 – 31 /03/2019**

Total amount (euros): **25.000 €**

Reference: **EA 12 21**

Title: **Brain and plasma epigenetic marker for alcohol addiction and its cognitive deficits**

Funding entity: **The European Foundation for Alcohol Research (ERAB)**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2013 – 31/12/2014**

Total amount (euros): **50.000 €**

Reference: **RD12/00028/0015**

Title: **Funding to establish stable structures in the area of biomedicine and health science.**

**Addictive Disorders Network**

Funding entity: **National Institute of Health Carlos III**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2013 – 31/12/2016**

Total amount (euros): **94.300 €**

Reference: **SAF2011-26818**

Title: **Integration of the endocannabinoid system and alpha-synuclein protein: pharmacological characterization of alcohol and cocaine addiction**

Funding entity: **Spanish Ministry of Science and Innovation**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2013 – 31/12/2014**

Total amount (euros): **108.900 €**

## C.3. Contracts

Title: **Determinants of alcohol consumption in minors**

Funding entity: **Alcohol and society foundation (Fundación alcohol y Sociedad)**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **10/07/2019 –10/07/2020**



Total amount (euros): **45.980€**

Title: **Study for the evaluation of drug addiction prevention programs in Madrid public schools**

Funding entity: **Dept. Health Anti-drug Agency. Community of Madrid**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2014 – 31/12/2017**

Total amount (euros): **239.876 €**

Title: **Study for the evaluation of prevention programs for drug addiction and other addictive disorders**

Funding entity: **Dept. Health Anti-drug Agency. Community of Madrid**

Principal Investigator: **Jose Antonio López Moreno**

Start-End date: **01/01/2010 – 31/12/2013**

Total amount (euros): **239.934 €**

Title: **Evaluation of drug addiction prevention programs (Madrid)**

Funding entity: **Dept. Health Anti-drug Agency. Community of Madrid**

Principal Investigator: **Jose Antonio López Moreno - Miguel Navarro García**

Start-End date: **01/01/2007 – 31/12/2010**

Total amount (euros): **179.950 €**

#### **C.4. Patents**

Title: "Sistema de autoadministración operante de soluciones farmacológicas en animales de laboratorio" (Operant self-administration system for pharmacological solutions in laboratory animals).  
Application number: P2012 00720. The Spanish Patent and Trademark Office.

#### **C.5. Doctoral theses supervised : Finished**

Student: Isabel Martínez Higuera

Title: Effects of exposure and quality of school prevention on drug use and risk factors of high school students

Thesis director: Jose Antonio López Moreno

Date: 2012

Qualification: Sobresaliente "*cum laude*"

Student: Kora-Mareen Katharina Bühler

Title: Human genetic polymorphisms and addiction to drugs of abuse: involvement of the SNP C385A gene FAAH in the risk of alcohol consumption in young adults

Thesis director: Jose Antonio López Moreno

Date: November 5, 2014

Qualification: Sobresaliente "*cum laude*". Extraordinary doctorate award.

Student: Isabel Suela Sánchez

Title: Evaluation of risk and protection factors of a universal prevention program for drug addiction in the educational field.

Thesis director: Jose Antonio López Moreno

Date: January 6, 2016

Qualification: Sobresaliente "*cum laude*"

Student: Víctor Echeverry Alzate

Title: Pharmacological treatments in the co-administration of alcohol and cocaine: effects on gene expression in the prefrontal cortex of the rat.

Thesis director: Jose Antonio López Moreno / Elena Giné Domínguez

Date: January 13, 2016

Qualification: Sobresaliente "*cum laude*". Extraordinary doctorate award.

Student: Javier Calleja Conde

Title: Epigenetic profiles in peripheral blood as biomarker of the use / abuse of alcohol.

Thesis director: Jose Antonio López Moreno

Date: April 17, 2018

Qualification: Sobresaliente "*cum laude*"