

Curriculum Vitae

Personal information **Beatriz López Hernández**

Work experience

1. Organisation: Spanish Agency of Medicines and Medical Devices (AEMPS). Medicines for Human Use Department

- Start date: 112019
- End date: present
- Position: Non Clinical Assessor
- Activities: Pharmacological evaluation of medicines for human use. Experience in assessment of non-clinical dossiers for clinical trials applications. Experience in Centralised, DC/MRP and National procedures. Non-clinical assessor in Scientific Advices applications for the European Medicines Agency (EMA) and the AEMPS.
- Country: Spain

2. Organisation: Community Pharmacy

- Start date: 082014
- End date: 102019
- Position: Pharmacist
- Country: Spain

3. Organisation: Neurobiology Unit, Institut d'Investigacions Biomèdiques de Barcelona_CSIC/IDIBAPS

- Start date: 102008
- End date: 012009
- Position: Visiting Researcher
- Activities: Cloning Lentiviral Vectors constructed to express short interfering RNAs (shRNAi) for silencing Hypoxia Inducible Factor1 α (HIF-1 α) expression and to overexpress HIF-1 α in rat cortical neurons.
- Country: Spain

4. Organisation: Neurodeath Associated Unit_CSIC, School of Medicine of Albacete, University of Castilla-La Mancha (Albacete)/ CIBERNED, Instituto de Salud Carlos III

- Start date: 042005
- End date: 072012

- Position: Research Scientist
- Activities: Research on the pathogenesis of hypoxia cellular models, with special focus on molecular mechanism involved in neuronal death and characterization of HIF-1 signalling pathways. Research on Gene Therapy: siRNA and shRNAi highly efficient transfection or transduction of neurons using Carbosilane Dendrimers or lentiviral vectors, respectively.
- Country: Spain

Education and training

1. Organisation: AEMPS
 - Start date: 102021
 - End date: 122021
 - Qualification: In_house training certificate
 - Education: programs related to specific 3Rs topics: New Approach Methodologies (NAMs) in vitro. PBPK modelling. Computational toxicological assessment (QSAR methodologies).
 - Country: Spain
2. Organisation: Spanish Agency of Medicines and Medical Devices. Medicines for Human Use Department
 - Start date: 042017
 - End date: 092017
 - Qualification: Non Clinical Assessor trainee
 - Training: Assessment of non_clinical dossiers for clinical trials applications.
 - Country: Spain
3. Organisation: Colegio Oficial de Farmacéuticos de Madrid (COFM)
 - Start date: 102016
 - End date: 092017
 - Qualification: Postgraduate studies in Development, Registration and Regulation of medicines in the European Union and Regulatory Affairs
 - Country: Spain
4. Organisation: Consejo General de Colegios Oficiales de Farmacéuticos
 - Start date: 032014
 - End date: 092014
 - Qualification: Postgraduate studies in Pharmacovigilance
 - Country: Spain
5. Organisation: University of Castilla-La Mancha
 - End date: 072012
 - Qualification: Doctor of Philosophy (Ph.D.); Experimental Biomedicine with Honours (Sobresaliente Cum Laude)
 - Country: Spain

6. Organisation: University of Valencia

- Start date: 091997
- End date: 062002
- Qualification: Bachelor's Degree in Pharmacy
- Country: Spain

Additional information

Publications

The endoplasmic reticulum stress and the HIF_1 signalling pathways are involved in the neuronal damage caused by chemical hypoxia; Beatriz López - Hernández, Valentin Ceña, Inmaculada Posadas; British Journal of Pharmacology, 2015. (This article has been awarded to support the British Pharmacological Society's journal presence at the 37th SEF National Meeting in Spain (2017).

Nicotinic Receptors in Neurodegeneration ; Posadas, I., López_Hernández B. & Ceña, V. ; Current Neuropharmacology, 2013.

HIF_1 α is neuroprotective during the early phases of mild hypoxia in rat cortical neurons ; López_Hernández B., Posadas, I., Podlesniy P., Abad M.A., Trullas R. & Cena, V. Experimental Neurology, 2012.

Highly efficient transfection of rat cortical neurons using carbosilane dendrimers unveils a neuroprotective role for HIF_1 α in early hypoxia_mediated neurotoxicity ; Posadas, I., Lopez_Hernandez, B., Ortega, P., Clemente, M.I., Jiménez, J.L., de la Mata, J., Gomez, R., Munoz_Fernandez, MA & Cena, V.; Pharmaceutical Research, 2009.

Highly efficient transfection of rat cortical neurons using carbosilane dendrimers unveils a neuroprotective role for HIF_1 α in early hypoxia_mediated neurotoxicity ; Posadas, I., Lopez_Hernandez, B., Ortega, P., Clemente, M.I., Jiménez, J.L., de la Mata, J., Gomez, R., Munoz_Fernandez, MA & Cena, V.; Methods and Findings, 2008.

Projects

Memberships

Other Relevant Information