



Águeda Ferrer Donato
Lab Technician

Neurometabolism Research Group (Lab i2-02, office i2-10)
Research Unit, National Hospital of Paraplegics
Toledo (UDI-HNP), Spain

1.- EDUCATION

- Certificate of higher education in pathological anatomy and cytology (2008). High School Ciudad del Aprendiz, Valencia, Spain.

2.- RESEARCH AND PROFESSIONAL EXPERIENCE

- **2009 to 2011:** Superior Technician in Pathology and Citology. Institute Cavanillas, University of Valencia, Spain.

- **2011 to 2014:** Superior Technician in Pathology and Citology. National Hospital for Paraplegics-SESCAM, Toledo, Spain.

- **2014:** Superior Technician in Pathology and Citology. Elda University Hospital. Elda, Spain.

- **2015 to 2017:** Superior Technician in Pathology and Citology. University of Medicine. Valencia, Spain.

- **2018:** Superior Technician in Pathology and Citology. University and Politechnic Hospital, La Fe, Valencia, Spain.

-**2018- :** Superior Technician in Pathology and Citology. National Hospital for Paraplegics-SESCAM, Toledo, Spain.

3.- PUBLICATIONS

3.1. Original papers

2013

-Canales JJ, **Ferrer-Donato A.** Prenatal exposure to alcohol and 3,4-methylenedioxymethamphetamine (ecstasy) alters adult hippocampal neurogenesis and causes enduring memory deficits. *Developmental Neuroscience* 2014;36(1):10-7.

2014

- Iriana Galán-Arriero, Gerardo Ávila-Martin, **Águeda Ferrer-Donato**, Julio Gómez-Soriano, Elisabeth Bravo-Esteban Julian Taylor. Oral administration of the p38a MAPK inhibitor UR13870 inhibits affective pain behavior after spinal cord injury. *Pain* 2014 Oct;155(10):2188-98.

2015

- Galan-Arriero I, Avila-Martin G, Ferrer-Donato A, Gomez-Soriano J, Piazza S, Taylor J. Early treatment with UR13870, a novel inhibitor of p38 α mitogen-activated protein kinase, prevents hyperreflexia and anxiety behaviors, in the spared nerve injury model of neuropathic pain. *Neuroscience letters* Sep 14;604:69-74.

2015

- Avila-Martin G, Galan-Arriero I, **Ferrer-Donato A**, Busquets X, Gomez-Soriano J, Escribá PV, Taylor J. Oral 2-hydroxyoleic acid inhibits reflex hypersensitivity and open-field-induced anxiety after spared nerve injury. *Pain* 015 Jan;19(1):111-22.

4.- GRANTED RESEARCH PROJECTS

4.1. Ongoing Research Support

2018-2020: *Linking TDP-43 pathology and leptin to ALS: Implications of metabolic alterations in the pathogenesis and treatment.* Consejería de Educación, Cultura y Deportes de Castilla-La Mancha (JCCM), Spain. Funds: 115,500 €. Role: **Associate Research**

2019-2022: *A potential metabolic-targeted therapeutic for Amyotrophic lateral sclerosis (ALS): Leptin.* Biomedicine and Health research grants, "La Caixa" Banking Foundation Actions (Spain). Funds: 500.000 €. Role: **Associate Research**

4.2. Completed Research Support

- Proyecto Innpacto, Financiado por el Ministerio de Ciencia e Innovación (IPT 010000-2010-016).
- Proyecto Draconis Pharma- Consorcio Dendrita (CENIT), Financiado por el Centro de Desarrollo Tecnológico e Industrial (CEN-20101023).
- Proyecto Grifols 2014, Financiado por Instituto Grifols, SA.
- Proyecto de Investigación Financiado por el Ministerio de Ciencia e Innovación (MICINN).