
POSTDOCTORAL POSITION AVAILABLE

Postdoctoral position in Pharmacology of Chronic Migraine:

The sensory neurobiology lab at the IDiBE-UMH (<http://www.idibe.es>) is looking for a highly motivated and creative postdoctoral fellow to develop novel pharmaceutical agents for the treatment of chronic pain pathologies such as migraine, and to investigate the underlying mechanisms leading to the sex dimorphism that characterizes this human disease. We are particularly interested in understanding the role of trigeminal nociceptors in the etiology of the disease and whether modulation of their activity by sex hormones contributes to the higher prevalence of the disease in women. The candidate will test the contribution of progesterone and estradiol signaling in the migraine crisis and test novel bioactive compounds with the aim of identifying therapeutic candidates for analgesic drug development.

The sensory neurobiology lab has developed a chronic model of migraine that reproduces the sexual dimorphism of the disease opening the opportunity to address this issue. We combine pharmacology studies with electrophysiology to investigate the role of trigeminal sensory neurons to the disease. In addition, we have transgenic models that allow for the dissection of the signaling pathways implicated.

Educational Requirements and experience: Applicants must hold a:

1. PhD in Pharmacology, Medicine, Biological Sciences and/or related field of study.
2. Skills in behavior assays in rodent pain models will be highly valuable.
3. Experience in PK-PD modelling will be valuable.

Salary: The salary will be in the range of 24,000-28,000€ (+Social Security) according to the postdoctoral experience and qualifications of the candidate.

Duration: This postdoctoral position is for 2 years.

Submission of applications:

Candidates must send an application containing the following information:

1. Cover letter indicating current and future research interests, and the available starting date.
2. Curriculum vitae (including the names and contact information of 2 references)

Please email this information as a single PDF file, to Dr. Antonio Ferrer (aferrer@umh.es) or Dr. Asia Fernández (asia.fernandez@umh.es)

Employer declaration: *The University Miguel Hernández (UMH) is an equal opportunity and affirmative action employer. All applicants will receive equal consideration for employment without regard to age, color, gender, race, national origin, religion, sex, or sexual orientation.*