

POSTDOCTORAL RESEARCH POSITION IN MULTI-OMICS RESEARCH IN AUTOIMMUNE MENIERE DISEASE – MIGUEL SERVET

The OTOLOGY AND NEUROTOLOGY group led by Jose Antonio Lopez-Escamez Ph.D. at Hospital Universitario Virgen de las Nieves and Center for Genomics and Oncological Research (GENYO) in Granada (Spain), seeks out motivated postdoctoral researchers to apply for a “Miguel Servet” Postdoc grant (Institute of Health Carlos III - Ministry of Economy and Competitiveness of Spain).

Description

Dr. Lopez-Escamez l’s group is searching for a highly-motivated, enthusiastic and independent postdoc researcher to apply for a “Miguel Servet” funded-position. We are a leading group in the genomics of Meniere’s disease in Europe, based on Granada at the Hospital Virgen de las Nieves and the Center for Genomics and Oncological Research (GENyO) in Spain, where the candidate will develop the project. GENyO is a leading center of excellence in oncology and genomic research that integrates a multidisciplinary environment for innovative young and established researchers. This center is supported by excellent core services built with the latest technology, what allows the development of new and competitive research areas. Meniere’s disease is a set of rare disorders with a common phenotype: episodic vertigo, sensorineural hearing loss and tinnitus. The group develops several international projects including clinical and multiomics data to define clinical variants of Meniere disease. We have defined a novel eQTL for autoimmune Meniere disease, which mediates NFkB-mediated inflammation.

<https://www.frontiersin.org/articles/10.3389/fimmu.2017.01739/full>.

We aim at profiling RNAseq, epigenomics and microbiomics data for autoimmune Meniere disease in order to further develop new diagnostic markers and therapeutic approaches to be translated into the clinical practice.

Candidate’s profile and competences:

Candidates should have competences in one or more of the following areas: immunology and cell culture (immunofluorescence, flow cytometry/cell sorting), NGS (epigenomics, microbiomics, RNA-seq, single cell genomics), cell and molecular biology (i.e. Western blot, RT-PCR, ChIP, DNA cloning, knockdown, overexpression and functional assays).

1. Who can apply?

Candidates must have a PhD degree in Health Sciences such as Biochemistry, Biology or Pharmacy. Candidates must meet the following requirements:

- PhD Degree MUST has been awarded between January 1, 2007 and December 31, 2013.



2. Minimum requirements of candidates:

- Good record of publications in high impact journals: in the last 5 years, candidates must have a minimum of **5 publications in the first quartile/decile** as lead author (first, last or corresponding author).
- **Mobility: international research** for a minimum of 12 months.
- Awards, mentions or distinctions.
- Participation in research projects.
- Candidates must have capacity for team work, demonstrate initiative, independence, motivation, good communication skills (in English and Spanish), and experience in paper/grant writing.

3. The following experience will be highly valued:

- Epigenomic research (DNA-methylation, ATAC-seq)
- Microbiome research, metagenome DNA and RNAseq and data analysis
- Next-Generation Sequencing (RNA-seq, ChIP-seq).
- FACS and single cell genomics
- iPSC-based disease model or gene-editing (CRISPR/Cas9).

Research Fields

Biological sciences

Career Stage

Experienced researcher or 4-10 yrs (Post-Doc)

Research Profiles

Established Researcher (R3)

Interested candidates in applying to this contract should send their updated CV using the online form of FIBAO at the next link: <http://formularios.fibaosalud.com/empleo>

(Please, indicate in the subject the reference "MIGUEL SERVET 2018/Otology").

Candidatures until 15th of February, 2018.

