



## **POSTDOCTORAL POSITION AT INSTITUTO DE INVESTIGACIÓN BIOSANITARIA ibs.GRANADA**

The Instituto de Investigación Biosanitaria de Granada (Ibs.Granada) accredited as Center of Excellence by the Instituto de Salud Carlos III

### **It is offered**

Postdoctoral position (R2), at the Centre for Genomics and Oncology Research (GENyO) in European Project “**Unification of treatments and Interventions for Tinnitus patients (UNITI)**”, funded with European funds from the H2020.

The team is looking for a person interested in working on a research project funded by the European Union (UNITI Project; The biggest clinical study on tinnitus to date) who is interested and experienced in cellular, molecular and physiological techniques in hPSC models to study the role of ANK2 in the pathophysiology of Meniere's patients with severe chronic tinnitus, focused on microtubule reorganization and action potential change during the development of neural progenitors, spiral ganglion neurons and excitatory neurons of the cerebral cortex.

### **Minimum requirements for candidates:**

- PhD in Biology/Biochemistry.
- Experience in:
  - Knowledge of Neurobiology.
  - Generation and Characterization of hPSC.
  - hPSC differentiation to neural progenitors and neurons.
  - General techniques in Molecular and Cellular Biology: qPCR, WB, Cytometry, Immunoassays (ELISA, Multiplex, ICC, IHC).
  - Gene editing of cell lines using CRISPR.
  - Sample preparation and Confocal, SEM and TEM microscopy techniques. Sample preparation and Confocal, SEM and TEM microscopy techniques.
  - Electrophysiology experience (whole cell recording).

### **Aspects to be assessed:**

- Publications, as first signatory or author, in journals of the first quartile.
- Knowledge of statistical analysis using SPSS or R.
- Very good skills in English speaking and writing, minimum level B2.



- Experience in preparing research project applications.
- Ability to train Master and PhD students.
- International postdoctoral stays.
- Time management capacity to organize multiple project tasks.
- Ability to communicate within the team and to present results in conferences.

**We offer:**

- The position will be financed until the end of the project.
- Full-time contract.
- Competitive salary.

Candidates must apply for the position in our web page indicating the reference “**Contrato 39/2021**”.

**Deadline:** May 22nd, 2021

**Evaluation:**

- Academic record of the required degree: 10 points.
- Postdoctoral professional experience: 1 point will be assigned for each month of experience as Doctor related to the requirements, up to a maximum of 30 points.
- Publications, as the first or second signer, in journals of the first quartile: 3 points will be assigned for each publication, up to a maximum of 15 points.
- Knowledge of statistical analysis using SPSS or R: 5 points.
- International postdoctoral stays: 1 point will be assigned for each month of stay, up to a maximum of 10 points.
- English level: 5 points will be assigned to level B2, up to a maximum of 10 points from this level.
- Personal interview: Communication skills, adaptability to the profile searched. Skills and other issues to clarify not specified in the CV will be assessed. The maximum score is 20 points.

**Postal Address:** Avda. Madrid, 15, Hospital Universitario San Cecilio (Pabellón Consultas Externas, 2ª planta), 18012, Granada. 958 023264

Granada, May 12nd, 2021.