

## **JOB DESCRIPTION**

**Position Title:** Junior Scientist  
**Name of Department:** R&D  
**This position reports to:** Chief Technology Officer  
**Location:** Barcelona, Spain

### **Position summary**

Under the supervision of the Chief Technology Officer will be fully responsible for the implementation of all RNA radioactivity assays and functional assays, from the day-to-day experimental work to the collection, analysis, and interpretation of scientific data. Progress, goals and milestones will be communicated through verbal or written reports and presentations internally or to external audiences when required.

The candidate will participate in the **TECNIOspring PLUS programme** that provides financial support to individual mobility presented by experienced researchers for 2 years developing the project entitled: **"Structural and Functional validation of artificially designed RNA sensors"**.

### **Project description**

The research project consists of validating artificially designed RNA sensors, specifically their ability to switch structural conformations upon ligand binding. In a first stage, structural assays with radioactivity will be carried out. Upon successful completion of such assays, functional experiments will be performed to determine validity in a relevant environment.

### **Key accountabilities**

- Conduct and supervise research; analyze data toward project direction goals and milestones; write technical reports and create presentations
- Review scientific and technical literature related to the project. Establish and maintain contacts with research centers in areas related to the project
- Report to supervisors the progress of the project
- Maintain project technical documentation according company and regulatory procedures.
- Maintenance of the information necessary for the protection, where applicable, the intellectual property of the company
- Participation in the tasks related to the operation of the laboratory: selection, calibration and maintenance of analytical instrumentation and equipment; collaboration in the preparation of general-purpose reagents; assistance in all the tasks necessary for the functioning of the laboratory, etc.
- Collaboration with other researchers in all tasks necessary for the achievement of the objectives of the company.

### **Minimum Skills & Capabilities:**

- Experience in RNA biology at a single molecule level, RNA structure determination and related radioactivity techniques, is **essential**
- Also, it will be favorably seen the possession of the Spanish Certificate of Radioactivity Operator
- Availability to travel up to 20% of the time is required as well
- English at a professional level
- Effective and influential communication skills as evident in meeting with key opinion leaders, PhD., MDs, formal presentations, informal discussions and written documentation
- Able to build cooperative relationships
- Flexibility and adaptability to a fast changing environment
- Time and project management abilities
- Able to plan, organize and establish priorities
- Knowledge of design control and other regulatory guidelines
- Hard worker and resilient

### **Knowledge & Experience required for the position:**

In order to be eligible, the researcher must:

- Hold a doctoral degree and four additional years of full-time research experience after obtaining it; or have at least eight years of full-time equivalent research experience, including the period of research training, after obtaining the degree which would formally entitle them to embark on a doctorate
- Have at least one year of experience in applied research and/or technology transfer activities (R&D projects involving companies, patents licensing or spin offs)

### **Mobility conditions**

The researcher must not have resided or carried out her/his main activity (work, studies) in Spain for more than 12 months in the 3 years immediately prior to the deadline for the submission of applications (February 2018).

### **Contribution**

Fellowship contribution is of € 58.500 per researcher per year during 2 years. Furthermore, up to €960 per year per researcher will be granted as mobility/travel allowance costs, plus 8.640 € x year as research costs

### **Provisional scheduling**

- 🕒 Call opening: February 2018
- 🕒 Call deadline: August 2018
- 🕒 Evaluation process: until September 2018
- 🕒 Start of fellowships: from September to December 2018

If you are interested in applying the fellowship and you meet the eligibility requirements, please contact [amadis.pages@moiraibiodesign.com](mailto:amadis.pages@moiraibiodesign.com) for more information.