JOB OFFER		
REFERENCE	**OPENING DATE**	**DEADLINE**
APG/09	30/04/2019	09/05/2019

WORKPLACE	
RESEARCH GROUP	**PRINCIPAL INVESTIGATOR**
CELL BIOLOGY OF THE NUCLEUS	Prof. Miguel Lafarga
WORKPLACE	**UNIT / DEPARTMENT**
Faculty of Medicine	Department of Anatomy and Cell Biology

LOCATION WORK PLACE (building, pavilion, plant etc.)	LOCALITY	POST CODE
Avd. Cardenal Herrera Oria s/n	Santander	39011

PROFILE REQUIREMENTS	
PROFESSIONAL CATEGORY	**ACADEMIC DEGREE**
Técnico de Apoyo a la Investigación	"PRIVAL 3" (third cycle university degree: doctor)

CANDIDATE REQUIREMENTS

Research experience and training in the field of Cell Biology of the Nucleus applied to Neurosciences. Research experience in spinal muscular atrophy (SMA) and transgenic mouse models of SMA. Mastery of confocal laser microscopy techniques, immunofluorescence, *in situ* hybridization, *in situ* transcription assays, electron microscopy and immunogold electron microscopy applied to neuronal models in tissues. Experience in cell cultures and cell transfection techniques. Knowledge of basic biochemical techniques (Western blotting, RT-qPCR, immunoprecipitation) and plasmid processing for cellular transfection. Experience in the manipulation of laboratory animals and in obtaining brain, spinal cord and muscle samples. Be in possession of the official certificate of training in animal protection and experimentation for biomedical studies.

Valued merits / skills

International scientific publications in the field of Neurosciences and Nuclear Cell Biology. Participation in national and international research projects. Postdoctoral training in a prestigious international center in the field of Cell Biology or Neurosciences. Directorate of Doctoral Theses. Research experience in cellular and molecular studies of spinal muscular atrophy. Level C1 of English or higher

RECRUITMENT INFORMATION

RESEARCH PROJECT

Cellular and molecular bases of the dysfunction of both RNA processing and cytoskeletal organization in motor neurons and skeletal myofibers in the SMNd7 mouse model of spinal muscular atrophy

DESCRIPTION OF THE TASKS IN THE PROJECT		
Design of experiments related to the research project. Manipulation of transgenic mice, extraction and processing of tissue samples for biochemical and light and electron microscopy techniques. Realization of immunofluorescence and *in situ* hybridization methods for confocal laser microscopy, in situ transcription assays, electron microscopy and biochemical techniques of western blotting, immunoprecipitation and qPCR. Critical analysis and elaboration of the obtained results. Participate in the preparation and writing of the scientific articles derived from the project.		
DURATION OF THE CONTRACT	**JOB STATUS**	**ANNUAL GROSS SALARY IN FULL TIME**
6 months	**Part time**	**28.119,38 €**

SELECTION BOARD

- **Miguel Lafarga, *Project´s Main Researcher***
- **Galo Peralta, *IDIVAL´s Management Director***
- **Marta Abelleira, *Human Resources Coordinator (She will act as registrar of the selection board)***

A personal interview can be developed for the candidates with the best merit assessment.

In compliance with the provisions of the Spanish Organic Law 15/1999 on Data Protection, of December 13, we inform you that the personal data provided to IDIVAL (hereinafter the Entity), will be included in an automated personal data filing system owned by the latter and kept under their responsibility, in order to manage their participation in our personnel selection processes. You may exercise the right of objection, access, rectification and erasure in relation to your personal data by writing to IDIVAL's Information Department through the email idival@idival.org