JOB OFFER

REFERENCE	OPENING DATE	DEADLINE
APG-29	05/02/2019	14/02/2019

WORKPLACE

RESEARCH GROUP	PRINCIPAL INVESTIGATOR
Epidemiology and Public Health	**Javier Llorca Díaz**

WORKPLACE	UNIT / DEPARTMENT
Faculty of Medicine, University of Cantabria	**Preventive Medicine**

LOCATION WORK PLACE (building, pavilion, plant etc.)	LOCALITY	POST CODE
Faculty of Medicine, floor 0	**Santander**	39011

PROFILE REQUIREMENTS

PROFESSIONAL CATEGORY	ACADEMIC DEGREE
Research Support Technician	**University degree first cycle in Computer Science and Engineering**

CANDIDATE REQUIREMENTS

University degree first cycle in Computer Science and Engineering

Valued merits / skills

-Participation in research projects.
-Experience in programming Stata and R.
-Experience in survival analysis

RECRUITMENT INFORMATION

RESEARCH PROJECT

PI15/00069. Integración de big data genéticos y datos clínicos: supervivencia con cáncer de mama en el proyecto MCC- Spain

DESCRIPTION OF THE TASKS IN THE PROJECT

-Automatization of survival analysis in Stata using different models. The program should allow the user to select the type of regression, variables for follow-up, event, main regressors and confounders. The result should include estimators of relative survival, Kaplan-Meier estimators and hazard ratios with their confidence intervals obtained via Cox and Weibull regressions. Numerical results should be exported into Excel.

-Automatization of case-control studies analysis in Stata using logistic regression. The program should allow the user to select variables of effect, main regressors and confounders. The result should include estimations of odds ratios with their confidence intervals via logistic regression. Numeric results should be exported into Excel.

-Automatization of Mendelian Randomization analysis in Stata. The program should allow the user to select the variable of effect, the genetic variants of interest, the exposure and possible confounders. Results should be expressed as odds ratios with confidence interval, estimators of pleiotropy and bias-corrected MR-Egger estimators.

DURATION OF THE CONTRACT	JOB STATUS	ANNUAL GROSS SALARY IN FULL TIME
6 months	**Full time**	**19.683,56€**
SELECTION BOARD		

- **Javier Llorca Díaz,** *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.