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by Alexandra Radics

REF. N. 20_18

Job Description:

Job title: 1 PhD position in BIOLOGICAL SCIENCE

Name of Organisation: Metabolomics Platform - Rovira i Virgili University

Country: Spain

City: Tarragona

Main research fields: Biological Science

Sub research fields: Chemistry, biomedical engineering

Application deadline: 20/05/2018 23:00 – Europe/Athens

Required Education:

Level: Master Degree

Fields: Computer science, electronics, telecommunications or physics.

Language skills:

Required languages: English

Level: Good

Application details:

Job description: The goal of the project is to devise algorithms in the fields of biostatistics, digital signal processing, pattern recognition, multivariate analysis and neural networks to be able to process raw data coming from the measuring of biofluids such as serum, plasma or urine with different established techniques like NMR, Gas/liquid Chromatography-MS and MALDI-TOF to add relevant clinical information to the metabolomics field. The research group is in touch with many medical teams and has access to state-of-the-art instruments that provide the most advanced characteristics (sensitivity, selectivity, automation, data acquisition handling and storing raw data, etc.).

Duration of job: 3 years

Status: Full time

Benefits: An intense multi-disciplinary and intersectoral training, the fruit of collaborations with over 30 partners that actively support this programme.

Salary: 2.200 €/month gross

This position is part of an H2020/Marie Skłodowska-Curie Actions. Eligibility criteria:

Mobility Rule:

At the time of recruitment, the researcher must not have resided or carried out his/her main activity (work, studies, etc.) in the country of their host organization for more than 12 months in the 3 years immediately prior to his/her recruitment. Short stays, such as holidays, are not taken into account.

Early-Stage Researchers:

ESR Candidates must be, at the time of recruitment by the host organization, in the first four years (full-time equivalent) of their research careers and have not yet been awarded a doctoral degree.

This is measured from the date when they obtained the Master's degree that would formally entitle them to embark on a doctorate.

Additional requirements:

Experience on statistics or multivariate analysis will be appreciated.