

CONTRACT Ref:99/2018

Research Project Title: NUTRISHIELD. Fact-based personalised nutrition for the young.

IIS La Fe has decided to publish a call for a job offer, by a competitive procedure, for a **1 Master Degree Experimental Sciences (Chemistry)**, to perform the tasks in the framework of the Project 2018/0210

Fact-based personalised nutrition for the young - Nutrishield

NUTRISHIELD aims at creating a personalised platform for the young. The platform will consist of novel methods & techniques, which analyse a wide range of biomarkers related to nutrition and health disorders. Based on findings, the platform then uses ICT, by expanding existing nutrition assistive mobile apps, in order to provide feedback and steering people towards a better nutrition. This takes into account the way each person responds to different nutrients and food types, by also analysing phenotype, genome expression, microbiome composition, health condition, mental & psychological condition, as well as financial capabilities for procuring food.

Research Project ID: 2018/0210

Service/Unit/Accredited Group: : NEONATOLOGIA

Candidate requirements: *(All requirements are necessary to apply):*

- Master Degree Experimental Sciences (Chemistry)

Merits to value: *(0-5 points)*

- Experience in analytical chemistry: chromatography, mass spectrometry, infrared spectroscopy, chemometrics) (3 points)
- Experience in the quantification of biomarkers in biological samples (1 point)
- Experience in handling and processing of biological samples (1 point)

Curriculum vitae and Academic Track-Record *(0-2 points)*

- Curriculum Vitae (1 point)
- Publications in peer-reviewed journals (0.5 points)
- Conference participation (0.5 points)

Other Merits: *(Complementary Training)* *(0-1 point)*

- Language skills (Spanish, English and German)

Training/Roles to develop:

- Development of analytical methods (LC-MS/GC-MS)
- Determination of microbiome- and nutrition-related biomarkers
- Handling and processing of human milk and urine samples
- Development and benchmarking of novel IR spectroscopic sensor devices

Contract/Fellowship characteristics:

- Part time 20 hours
- Amount: 1.715,00 gross/month
- Length: : 6 months renewable.
- Exclusive devotion.

Deadline for application submission: 18/12/2018

Required documents **On-Line** www.iislafe.es

- Updated Curriculum Vitae.
- Track-Record with academic grade media.
- Copy of required educational qualifications.
- Supporting documents of the outlined merits.

** The documentation submitted for this open competition will be on deposit of IIS La Fe.*