

**CONTRACT Ref:89/2020**

Requirements to participate in the call:

- Have Spanish nationality or work permit, or some other nationality that allows access to public sector employment. If you do not have it and this person is selected, the contract will not be formalized until the corresponding documentation is in order. In the event that this procedure is not finally completed within two months of the grant the selected person cannot be hired; leaving, in this case, the square deserted or referred to the next person in the event that priority order has been given in the Resolution.
- Be 16 years old and not exceed, where applicable, the maximum age of forced retirement or the other age that you may establish by law.
- The applicant will be bound by TEMPORARY WORK AGREEMENT with the Foundation for Health Research of the University Hospital and La Fe Polytechnic for the period determined for the research project. This procurement is subject to the granting of the relevant administrative authorisation.
- The Foundation and/or the Tribunal, for reasons of interest to the entity, may at any time withdraw the resolution or cancellation of this Call, without any justification.

**Research Project Title: EUTOXRISK21. AN INTEGRATED EUROPEAN 'FLAGSHIP' PROGRAM DRIVING MECHANISM-BASED TOXICITY TESTING AND RISK ASSESSMENT FOR THE 21ST CENTURY.**

The vision of EUToxRisk21 is to drive a paradigm shift in toxicology towards an animal-free, mechanism-based integrated approach to chemical safety assessment. The project will unite all relevant disciplines and stakeholders to establish: i) pragmatic, solid read-across procedures incorporating mechanistic and toxicokinetic knowledge; and ii) ab initio hazard and risk assessment strategies of chemicals with little background information. The project will focus on repeated dose systemic toxicity (liver, kidney, lung and nervous system) as well as developmental/reproduction toxicity. Different human tiered test systems are integrated to balance speed, cost and biological complexity. EUToxRisk21 extensively integrates the adverse outcome pathway (AOP)-based toxicity testing concept.

IIS La Fe has decided to publish a call for a job offer, by a competitive procedure, for a certificate of higher education fp2 - Experimental Science - Biochemistry and Biomedicine, to perform the tasks in the framework of the Project.

**Service/Unit/Accredited Group:** UNIDAD MIXTA HEPATOLOGIA EXPERIMENTAL

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

Certificate of higher education fp2 - Experimental Science - Biochemistry and Biomedicine

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

- Years of experience accredited in experimental work, in relationship with the functions to perform within the project. (3p):  
High experience (independent worker) in:
  - Cellular Biology (immunocytochemistry, cytometry, cell culture...)
  - Molecular Biology (RT-PCR, Taqman probes genotyping...)
- Participation as part of research teams in competitive public calls and contracts to support research. (1p)
- Any outcome derived of the applicant's involvement in research activities (scientific papers and contributions, participation in scientific meetings, and any form of public dissemination). (1p)

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

Academic score (1p)

Languages (English level to work in a scientific environment) (0,5p)

Use of informatics tools (Word, Excel, Power Point, Photo manipulation) (0,5p)

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

- Lab management skills (orders, safety rules, etc.) (0,25p)
- Languages (English level to work in a scientific environment) (0,25p)
- Use of informatics tools (Word, Excel, Power Point, Photo manipulation) (0,25p)
- Laboratory animal handling experience (0,25p)

**Interview** *(0-2 points)*

**Training/Roles to develop:**

Support to liver-linked research projects in the field of DILI, including:

- Cultures of human hepatocytes and other hepatic-linked cell lines.
- DNA cloning and directed mutagenesis.
- Cell reprogramming.
- Measurement of expression levels (mRNA, miRNAs, DNA, protein, activity / function).
- Development of viral vectors of gene expression.

**Contract/Fellowship characteristics:**

- Full time 40 hours/week
- Amount: 1.316,88 e/gross month
- Lenght: 6 months extendable according to availability or until the end of the Project.
- Exclusive devotion.

**Deadline for application submission: 05/09/2020**

**Required documents On-Line [www.iislafe.es](http://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.*