

CONTRACT Ref:32/2020

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: OACTIVE. ADVANCED PERSONALISED, MULTI-SCALE COMPUTER MODELS PREVENTING OSTEOARTHRITIS.

OACTIVE project intends to make a significant leap forward adopting a multi-scale holistic analysis where patient-specific information from various levels, including molecular (e.g. biochemical/inflammatory biomarkers), cell, tissue and whole body, will be integrated and combined with information from other sources such as, environmental, behavioural and social risk factors to generate robust predictors for new personalised interventions for delaying onset and/or slowing down progression of OA

Service/Unit/Accredited Group: : REHABILITACION

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

University Degree: Health Sciences

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

- Medical doctor specialized in Physical medicine and Rehabilitation. (1 point)
- Accredited training in musculoskeletal ultrasound diagnosis.(0.5 point)
- Accredited training in Biomechanics and Functional Evaluation. (0.5 point)
- Accredited training in biomedical research.(0.5 point)
- Accredited update in Scientific evidence in Physical medicine and Rehabilitation of less than 5 years.(0.5 point)
- Accredited professional competence in Medical English Language.(0.5 point)
- Previous participation in Clinical Trials.(0.5 point)
- Previous participation in Research Projects.(0.5 point)
- Scientific publications with international impact.(0.5 point)

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

Curriculum vitae

Academic track-record

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

- Knowledge and experience in diagnosis, evaluation and treatment of disability, and in particular of acute, subacute and chronic musculoskeletal disorders, specially the knee osteoarthritis.
- Capability of management with all the modalities (global management, conservative treatment, use of physical means, interventionism, use of assistance technology, etc.).
- Experience in practical application and clinical interpretation of methods of Biomechanical Functional Evaluation (dynamometry platforms, photogrammetry, posturography, goniometry, etc).
- Experience in clinical and functional evaluation of musculoskeletal system.
- Experience in gait evaluation by direct observation, detection of compensation mechanisms, application of scales, etc.
- Experience in use of modern diagnostic and therapeutic methods for the evaluation of joint and muscle systems (musculoskeletal ultrasound, ultrasound guided infiltrations, therapeutic interventionism techniques, etc.).
- Knowledge of International Classification of Functioning, Disability and Health system (ICF) and new functional concepts derived from it.

Interview *(0-2 points)*

Training/Roles to develop:

- Support on project execution: deliverables writing and meetings assistance.
- Data collection and creation of personalized models.
- Massive data sources analysis, data quality, reliability and stability. Models optimization.
- Test of models efficiency.
- Evaluation of results and communication



Contract/Fellowship characteristics:

- Full time 40 hours
- Amount: 3.822,26€ gross month
- Length: : substitution for (it, maternity leave, breastfeeding, vacations, leave of absence)
- Exclusive devotion.

Deadline for application submission: 12/05/2020

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.*