

OFERTA DE CONTRATO: Ref 2507/01

AREA DE INVESTIGACION: CARDIOVASCULAR

Proyecto de Investigación: "UE-EU4HEALTH"

Investigador Responsable: Dr. Héctor Bueno Zamora

Entidad financiadora: Entidad Pública

Área 2. Grupo II - Titulado Superior Senior

- To support the activities of the Multidisciplinary Translational Cardiovascular Research Group (MTCRG) participation in the Joint Action on diabetes and cardiovascular disease (JACARDI). The position offered belongs to Work Package 7, which aims to improve availability, quality, accessibility, and use of data on CVD. The main functions of this position are:
- 1) Development of Task 7.1 Mapping of current data and data source availability
- 2) Support the standardization of health data through the development of ETL guidelines, contribution to a Common Data Model (e.g., OMOP), and review of ontologies for CVD and diabetes in collaboration with other institutions.
- 3) Implementation of two pilot projects on data management
- 4) Support to all administrative and organizational activities related to the I+12 - MTCRG participation in JACARDI, especially related to the **co-leadership of WP7**.
- 5) Coordination and communication with other JACARDI WPs.
- 6) Support to the publication and dissemination of the results of JACARDI activities.

REQUERIMIENTOS

Titulación académica

Biomedical engineering

Formación específica

Master's degree in Biomedical Engineering and/or a related field in health data or data management, such as digital health, health data science, etc. Licenses and certifications in data science, biostatistics, biomedical data analysis, and/or research methodology

Experiencia Previa

Technical proficiency in analytical and development tools such as R, Python, SQL, Power BI

Knowledge of common healthcare data models (OMOP and i2b2) and proficiency in clinical terminologies SNOMED-CT, ICD-10 (CIE-10), LOINC)

Management of large databases, including the development and automation of pipelines for extraction, transformation and loading of administrative, clinical and economic data

Development of machine learning models applied to healthcare (e.g., PyCaret, TensorFlow, Keras)

Creation of interactive dashboards in Power BI to support clinical decision-making

Previous participation in EU-funded research projects, particularly Joint Actions, Horizon Europe, or H2020. Ability to work in multidisciplinary teams in hospital or research environments

Scientific publications in journals with impact factor

Proven experience in presentation and dissemination of research

Involvement in cardiovascular-related projects will be considered as an asset

Idiomas

All CVs and interviews will be evaluated only in English. Certificate of English level B2 or higher

DURACIÓN Según proyecto

DOCUMENTACION Y ENTREGA

Currículum Vitae (en inglés) adaptado a los requisitos de la oferta, fotocopia DNI, fotocopia de titulación.

Envío de la documentación a rrhh@h12o.es indicando de manera expresa el número de referencia de la oferta.

PLAZO

Hasta el 7 de julio de 2025

El resultado de esta oferta se publicará en la WEB del I+12