

**OFERTA DE EMPLEO**

REFERENCIA: 50\_2024

**Empleador:** FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA H. GREGORIO MARAÑÓN  
**Grupo de Investigación:** MICROBIOLOGÍA CLÍNICA, ENFERMEDADES INFECCIOSAS Y SIDA  
**Categoría Profesional:** TITULADO/A SUPERIOR UNIVERSITARIO/A.  
**Titulación Académica Requerida:** GRADO UNIVERSITARIO CON MÁSTER REALIZADO – RAMA BIOSANITARIA

**Puesto:** INVESTIGADOR/A

**Perfil requerido:**

- Non-residents in Spain for a period of more than 12 months in the last 3 years.
- Obligation to complete the doctoral thesis within the contract period.
- Familiar with organization, management and conservation of biological samples.
- Training in infectious diseases, with special interest in fungal infections, mainly in their diagnostic aspect.
- Fluency with Office apps and at least intermediate level of English. Knowledge of Spanish is an asset.

**Tareas a realizar:**

The worker will perform the following tasks within the scope of the research Project:

- Air and surface sampling for isolation of *Aspergillus* and other filamentous fungi
- Handling of filamentous fungal cultures
- Identification of filamentous fungal isolates
- *Aspergillus* genotyping studies
- Clinical and microbiological diagnosis of invasive aspergillosis in at-risk patients
- Treatment of patients with invasive aspergillosis.

The HumanIC network is composed by 8 universities, 2 hospitals and 9 companies/institutions to train early stage engineers and scientists to enable a new approach to the human-centric indoor climate in Healthcare Environments.

Rather than the traditional approach of focusing solely on the building and its ventilation/heating systems, the network will develop new approaches to integrate the multi-dynamic interaction between contamination sources and airflow distribution systems with the clinical, patient and energy requirements of the hospital environment.

Through an ambitious research programme and a tailored training programme, HumanIC will provide a new generation of scientists and engineers who understand the implications of these complex interfaces in future hospital design. In building the HumanIC consortium we will actively promote healthcare environment engineering as an inclusive and diverse career option at all stages in the programme.

FIBHGM invite applicants for a PhD Fellowship Environment Engineering to research in “Monitoring of *Aspergillus conidia* in the hospital air and correlation with cases of invasive aspergillosis”.

The research topic will be contextualized in WP3 “Novel smart tool for a human-climate”, being supervised by Prof. Patricia Muñoz (FIBHGM). Tasks under the WP3 will consist on periodically measuring *Aspergillus conidia* in the hospital air with emphasis in wards or rooms allocating patients at the highest risk of acquiring invasive aspergillosis and then setting a threshold of conidia counts that might represent a high risk of acquiring aspergillosis. Environmental and clinical isolates will be stored for further genotyping needed to prove that environmental spores are responsible for invasive cases of the infection.

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The candidate will acquire expertise in interdisciplinary fields, gaining through this training program a set of skills that are highly appreciated by semiconductor corporations, providing him/her a valuable expertise background for a future career in the topics related to technical solutions for healthcare facilities.

#### Condiciones del contrato de trabajo:

**Plazas** 1 laboral

**Naturaleza del contrato:** indefinida, vinculada a la duración del Proyecto de Investigación en los términos del artículo 23.bis de la Ley de la Ciencia vigente.

**Duración del contrato:** 3 años

**Jornada:** 37,5 horas/semanales (completa)

**A) Gross annual remuneration in the event that the beneficiary's change of residence also involves a family relocation: "Retribución bruta anual en caso de que el cambio de residencia del beneficiario implique también un traslado familiar":**

- Living allowance: 26.656,32 euros brutos
- Mobility allowance: 5.455,32 euros brutos
- Family allowance: 4.500,72 euros brutos

**B) Gross annual remuneration in the event that the beneficiary's change of residence does NOT involve a family relocation: "Retribución bruta anual en caso de que el cambio de residencia del beneficiario NO implique un traslado familiar":**

- Living allowance: 26.835,36 euros brutos
- Mobility allowance: 5.455,32 euros brutos

**'Contract financed by the European Union in the framework of the Marie Skłodowska-Curie Programme within the scope of the research project with file 101119726 and acronym HumanIC'.**

Candidates declare, with the curriculum vitae (CV) they submit, that they have the training required for the post and the documentation to prove it.

**IMPORTANT:** The CV must be in PDF format with name and surname.

CVs must be sent to the e-mail address [empleofibhgm@iisgm.com](mailto:empleofibhgm@iisgm.com) until 28 June 2024. It is essential to indicate the reference number, in the e-mail, to the job offer for which you wish to apply.

Exhibition on the Institute's website [www.iisgm.com](http://www.iisgm.com): 29 May 2024.

Deadline for decision (indicative): 05 July 2024

**\*In order to fulfil the principles of gender equality, any discrimination will be avoided in the pre-selection, selection and recruitment process, as well as in the different phases that compose it.**