

## IT SENIOR OFFICER FOR THE FRAUNHOFER CENTER FOR APPLIED TERAGNOSTICS (IT01-FCAT)

### 1. Introduction to the position:

The Fraunhofer Spain Research foundation is looking for an IT Technician Senior Officer to lead the setup, development, and daily operation of the center's IT infrastructure and services, providing technical support, ensuring secure and reliable systems, and collaborating closely with the coordination team.

The contract will be within the framework of the Fraunhofer-CAT project, whose objective is the development of new diagnostic, prognostic and therapeutic tools in the field of precision medicine. For example, the development of new technologies for i) the establishment of biomimetic organ and tissue models for in vitro testing, ii) the development of sensors and electronic devices, iii) the design and validation of therapeutic strategies for personalized medicine, and iv) the production and validation of new biological models.

This project is funded by: Ministerio de Ciencia, Innovación y Universidades, Generalitat de Catalunya and Ajuntament de Barcelona.

### 2. Main duties and responsibilities:

Under the supervision of the Fraunhofer-CAT direction, the applicant will carry out the following activities:

- **IT Services and Infrastructure Setup:** Establish, configure, and manage core IT services (email, remote access, data access) and build the IT service infrastructure from the ground up, including file servers, synchronization servers, and database servers, ensuring reliability, continuity, and optimal user experience.
- **Data Backup Implementation (Azure):** Design, implement, and monitor an Azure-based backup solution for shared folders, ensuring secure storage, recoverability, and business continuity.
- **SharePoint Administration and Security:** Manage SharePoint data and user access, implementing security and protection policies through Microsoft Defender.
- **User Onboarding and Configuration:** Create and deactivate user accounts and email addresses, install equipment for new staff, and ensure full access to IT services.
- **IT Equipment Logistics:** Identify required IT hardware, manage inventory, and coordinate purchases to ensure necessary workspace equipments.
- **Shared Printer Management:** Manage and supervise the proper functioning of shared printer located in Fraunhofer Spain facilities to ensure high-quality printing services for users.
- **Secure Credentials Management:** Implement local software (e.g., KeepPass) to safely store and manage sensitive passwords and credentials.
- **Database Server for Finance and HR:** Set up a database server to support finance and human resources operations, with integration to enterprise systems such as SAP.
- **User Support:** Implement ticket-based support to users in the use of software required to carry out their daily tasks, ensuring a high-quality service.
- **Incident Management:** Monitor and resolve incidents and problems that may arise during the operation of ICT services to provide optimal service.
- **External Service Provider Coordination:** Serve as the primary contact with external IT service providers to ensure smooth service delivery, maintenance, and support.

Financiado por:



- **Participation in System Improvements:** Contribute to the technical design of new functionalities and system improvements in collaboration with the team and researchers.

### 3. Requirements for candidates

#### Essential

- Degree (Bachelor's or Master's) in Computer Science, Data Science or related fields or equivalent advanced training (Grado Superior) with relevant IT experience or a minimum of 5 years of proven experience in a similar position.
- Knowledge of networks, Windows Operating System, Active Directory, DNS, firewall configuration, hyperconverged systems, Office 365, and the Microsoft Azure environment.
- Knowledge in Microsoft Defender.
- Catalan, Spanish and English, both spoken and written.
- Strong ability to resolve end-user incidents.
- Competencies: communication, team working, proactivity and reactivity, and attention to detail.
- Advanced user of Microsoft Office 365.

#### Advantageous:

- Knowledge or interest in web technologies and data integration environments.
- Knowledge of artificial intelligence.
- Knowledge of Linux Operating System

#### **We Offer:**

- Number of available positions: 1
- Starting date: as soon as possible
- Working conditions:
  - Full time permanent contract. Attractive salary
  - Measures to reconcile work and family life (maternity and paternity leave, flexible schedule working hours, 23 working days of paid holidays, 6 leave days for personal matters, among others).
- Fraunhofer Spain Research ensures equality of access to professional development opportunities irrespective of employment status or other factors.
- Stimulating, interdisciplinary research and high-quality international scientific environment.
- Induction programme to facilitate incorporation at Fraunhofer Spain Research and additional support is provided for foreigners to obtain Visa-working permit and to install in Barcelona.

---

#### **How to apply:**

**Until the 27<sup>th</sup> of March**, by sending a CV and motivation letter to [info@fraunhofer.es](mailto:info@fraunhofer.es) with the reference "IT01-FCAT" as subject of the email.

Only those applications submitted before the deadline will be evaluated.

#### **Reference: IT01-FCAT**

If you have any further questions regarding your application or the application process, please get in touch with us at [info@fraunhofer.es](mailto:info@fraunhofer.es)

Financiado por:



## Principles of the selection process:

Fraunhofer Research Spain Foundation is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission and the Open, Transparent and Merit based Recruitment principles (OTM-R).

Fraunhofer Research Spain Foundation's commitment on equal opportunity: our strength and excellence as an international transdisciplinary research institute are based on diversity. Being an equal opportunity employer, we are committed to diversity and inclusion, so that we support employees irrespective of their gender, nationality, religion, disabilities, age, sexual identity or cultural and socioeconomic background.

Fraunhofer Research Spain Foundation aims for a representative gender balance at all levels of staff, so we strongly encourage women to apply. At least 40% of shortlisted applicants invited to interview have to be women with comparable level of CVs as the male candidates.

## Protection of personal data:

Fraunhofer Spain Research Foundation guarantees that candidates' personal data are processed in accordance with the requirements of the EU General Data Protection Regulation (GDPR) and Law 3/2018 on Data Protection.

Personal data will be processed solely for the purposes of the selection process.

## Who we are?

The Fundación Fraunhofer Spain Research (Fraunhofer Spain) is a non-profit private Spanish Foundation, established in Barcelona in 2025 as an affiliate of Fraunhofer-Gesellschaft, Europe's leading organization for applied research (<https://www.fraunhofer.es/>).

Our mission is to conduct independent research activities, including training, knowledge dissemination, and technology transfer. These activities range from basic research to prototype development and small-scale production, strengthening the internationalization of applied research and connecting academia with productive sectors.

Fraunhofer Spain Research has launched its first program in applied bioengineering for health: the Fraunhofer Center of Applied Theragnostics (Fraunhofer CAT). This initiative is dedicated to developing innovative diagnostic, prognostic, and therapeutic tools within the field of precision medicine. The program aims to generate significant academic, industrial, and healthcare impact, ultimately contributing to societal well-being.

Fraunhofer Spain was founded by Fraunhofer-Gesellschaft, the largest organisation for applied research in Europe with the economic support of the Spanish Government (Ministerio de Ciencia, Innovación y Universidades), the Barcelona City Council (Ajuntament de Barcelona), and the Catalan Government (Generalitat de Catalunya), as well as the academic collaboration of Barcelona University, the Institute for Bioengineering of Catalonia (IBEC) and Fraunhofer Institute for Biomedical Engineering (Fraunhofer IBMT).

Financiado por:

