

It complies with the European Charter for Researchers and the code of conduct for the recruitment of researchers

The European Social Fund will co-finance partly the contracts formalized from this call within the Axis 1 Thematic Objective 8 "Promotion of employment and labor mobility", for the period 2014-2020

# **Call for hiring a Laboratory Technician (Mass Spectrometry)**

## **Ref: TL 2018-03**

FUNDACIÓN IMDEA AGUA  
Avda. Punto Com, 2  
28805 Alcalá de Henares (Madrid), España

IMDEA Water is a non-profit research Institute, promoted by the Regional Government of Madrid, to carry out research in water technologies. This Institute is part of the IMDEA network, the institutional framework that combines support from both the public and private sectors and harmonises research with market demand, strengthening the presence of the private sector in science.

### **The position**

The call is for hiring a laboratory technician. The selected candidate will be offered one year contract. Depending on the evaluation of the work done and the availability of financial resources the contract may be extended for additional periods of one year. The annual gross will be 25,000 euros.

Reference	Working área	Responsible	Requirements of the candidates
TL 2018-03	Mass Spectrometry Laboratory	PhD. Leonor Nozal	M.Sc in Chemistry or Bachelor Degree in Chemistry with a Master

The task and responsibilities are:

- Development of analytical methodologies to carry out the identification of metabolites and quantification of drugs in waters and soils. Optimization of sample treatments (SPE, L-L, microwave digestion).
- Validation of the analysis methods.
- Analysis of water quality control samples (HPLC-UV, ICP-MS).
- Control and maintenance of the instrumental equipment used for the development of the methods.
- Literature search and processing of scientific information (ISI Web of Science, Scifinder, Scopus)
- Writing SOPs for the implementation of laboratory, reports and scientific articles.
- Writing of analysis results reports.

The incorporation of the candidate is expected to be in March, 2019.

### **Pre-requisites**

Candidates must satisfy the following requirements:

- M.Sc in Chemistry or Bachelor Degree in Chemistry with a Master
- Demonstrable previous experience (four years) use of liquid chromatography coupled to high-resolution mass spectrometry (LC-QTOF).
- Validation of analysis methods and treatment of samples related to the environmental sector.
- Advanced level of english conversation and writing and computer tools.

### **Selection criteria:**

- Currículum Vitae
- Adequacy of training and experience of the candidate.
- Familiarization in the use of instrumental techniques; HPLC-UV, GC-MS and ICP-MS.
- Specialized courses in the environmental sector.
- Knowledge in computer tools necessary in the work with mass spectrometry: control software, data acquisition and data processing (Sciex and Agilent).

- That the technician has developed his work in the environment of the ISO 9001 and BPL's.
- Analytical and decisive capacity to design and carrying out the work plan. Organized person.
- Those candidates with the best profile may be summoned for an interview.

### **Instructions for applicants**

Candidates must present the following information:

- Currículum vitae (in Spanish or English)
- Official academic certificate
- A cover letter presenting her/his candidacy and merits, and including her/his personal motivation to join the research team (in Spanish or English)

Applications and associated documents should be sent by e-mail to [oferta.agua@imdea.org](mailto:oferta.agua@imdea.org) indicating the reference of the position in the subject (Ref. TL 2018-03).

Only applications that include all required documentation as in this section, submitted electronically and within the deadline specified in the section below will be taken into consideration.

### **Deadline**

Deadline for submission of applications is December 19, 2018.

Applications received by other way that specified in this call; after deadline or incomplete will be automatically rejected.

### **Workplace**

The workplace is at IMDEA Water Foundation: C/ Avda. Punto Com, 2 - 28805 Alcalá de Henares, Madrid.

### **Resolution**

Receipt of applications and final decisions will be personally communicated by e-mail to all candidates.

### **Personal data protection**

**Who processes your data?** Fundación IMDEA Agua, based at Avenida Punto Com, nº2 - 28805 Madrid, Spain. You may contact the person in charge of protecting data at [datos.agua@imdea.org](mailto:datos.agua@imdea.org)

**For what purpose?** To study your candidacy during the selection process you have opted for.

**Why can it do this?** Because sending an application implies providing us with your consent to process your data for the intended purposes.

**Who else has access to your data?** No data are handed to third parties. Candidacies are assessed by a Selection Committee in which different institutions linked to IMDEA AGUA participate.

**What rights do you have and where can you request them?** Access to, rectify, eliminate, oppose and limit data processing at the above address by sending a copy of your identity. Presenting a claim with the Spanish Data Protection Agency (AEPD).

**How long are data kept?** If you participate in a selection process, the result will form part of your file held at the Fundación if you are selected, but will be eliminated after 3 years otherwise.