

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 Doctor Technician for the Laboratory

Ref: TL 2019-01

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 doctor. 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 36,000 euros.

Reference	Working área	Responsible	Requirements of the candidates
TL 2019-01	Mass Spectrometry Laboratory	PhD. Leonor Nozal	Doctor in Chemistry

The task and responsibilities are:

- Development of analytical methodologies for the analysis of volatile and semi-volatile organic pollutants in environmental matrices (water, biota, sediments and soils).
- Optimization of sample treatments using LLE, SPE, quechers, twister, DHS for elimination of matrix interferences and preconcentration.
- Identification and quantification of new pollutants in waters with low levels of concentration (traces) using chromatography techniques coupled to mass spectrometry (CG-MS/MS and CGxCG-TOF).
- Validation of the analysis methods.
- Control and maintenance of the 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, scientific articles and reports.
- Supervision of the laboratory technician activities working on the research project. Delivering monthly reports.

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

Pre-requisites

Candidates must satisfy the following requirements:

- A PhD in Chemistry.
- Demonstrable previous experience (6 years) in the analysis method validation using CG-MS/MS techniques in 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 liquid and gas chromatography techniques coupled to high resolution mass spectrometry (LC-TOF and CGxCG-TOF) and sample treatment (twister and dynamic head space (DHS).
- Knowledge in computer tools necessary in the work with mass spectrometry: control software, data acquisition and data processing (Agilent and Leco).
- Additional qualities, it will be assessed very positively that the technician has developed his/her work in the environment of the ISO 9001, 17025 and ENAC, UNE standards.
- Resolute person, organized, committed, with capacity to design and carry out the work plan.
- 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 and English)
- Official academic certificate (complete list of courses taken and grades) and copy of the PhD diploma in Chemistry.
- A cover letter presenting her/his candidacy and merits, and including his/her 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 indicating the reference of the position in the subject (Ref. TL 2019-01).

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 February 20, 2019.

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

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.