

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 of a Doctor Laboratory Technician

Ref: TL 2018-02

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 area	Responsible	Studies required
TL 2018-02	Mass Spectrometry Laboratory	Dr. Leonor Nozal	PhD in Chemistry

The task and responsibilities are:

- Development of new analytical methodologies to carry out the quantification of micropollutants in environmental matrices (water, soil, sediments, plants) using LC-MS/MS techniques. Study of the treatment of the samples (SPE, LLE).
- Identification and quantification of transformation products (PTs) in water and soil samples using high resolution and mass accuracy (HR) analyzers.
- Development of methods to quantify various elements and nanoparticles in different matrices using ICP-MS.
- Validation of the methods of analysis.
- Supervision of personnel activities working in current proyect. Delivering of monthly reports.
- Control and maintenance of instrumental equipment used for the development of analysis 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.

The incorporation of the candidate is expected to be in July, 2018.

Pre-requisites

Candidates must satisfy the following requirements:

- A PhD in Chemistry
- Demostrable previous experience (four years) use of LC-MS/MS and ICP/MS techniques as well as their coupling (LC-ICP-MS) and method validation.
- 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 high-resolution techniques (LC-TOF and QTOF) and speciation as well as sample treatments (SPE, S-L, L-L extraction) in the environmental.
- Knowledge in computer tools necessary in the work with mass spectrometry: control software, data acquisition and data processing (Agilent software).
- Additional qualities, it will be assessed very positively that the technician has developed his work in the environment of the ISO 9001.

- 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 (both in Spanish and English)
- Official academic transcripts (complete list of courses taken and grades) and copy of the PhD diploma
- A cover letter presenting her/his candidacy and merits, and including her/his personal motivation to join the research team.

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 2018-02).

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 May 17th 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

In accordance with Organic Law 15/1999, of 13th December, on Personal Data Protection and its implementation regulation, all candidates accept that all the data included in his (her) application are to be included in a data file under the responsibility of IMDEA WATER FOUNDATION, with corporate address at Avda. Punto Com, 2 - 28805 Alcalá de Henares (Madrid) for the purpose of manage the selection process and guaranteeing all candidates with the right to access, correct and cancel all their personal data and its treatment by the IMDEA WATER FOUNDATION in the above mentioned address.