

OPEN JOB POSITION

Description of the open job position

Responsible Investigator: Deputy Scientific Direction of IMIBIC

Project: Research Support Units: Proteomics

Reference: 027/2020

Title of the offered position: Specialized proteomics technician

Professional category of the recruited candidate: Technician specialist

Summary of the vacancy: We seek a proteomics technician, specialist in Mass Spectrometry and Proteomics, to join the Proteomics Unit and give support to the IMIBIC research community in quantitative proteomics by using LC-MS (DIA, DDA, SRM).

Expected start date: April/2020

Duration of the contract: permanent contract

Total cost: 37.400 euros/year, including all taxes and social security charges

Workplace: Maimonides Biomedical Research Institute of Cordoba (IMIBIC) Proteomics Unit

Number of open vacancies: 1

Working conditions:

Gross salary (salary, other benefits, etc...)	2.089,77 € Gross/month + up to 13,5% of variable remuneration
Type of the contract (temporal, indefinite..)	Indefinite
Form of employment (full time / part time)	Full time
Duration of the contract	Indefinite

Career development opportunities:

The candidate will receive training related to the position.

Profile Requirements

(Degree, other training, experience)

- **Degree:**
Degree in Chemistry, Biology, Biochemistry or similar. Candidates holding PhD will be considered with preference.
- **Other training:**
Specific training in Quantitative Proteomics, more specifically in LC-MS Mass Spectrometry, Quantitative analysis of complex proteomes via Data Independent Analysis (DIA), Data Dependent Analysis (DDA), Selected Reaction Monitoring (SRM), Bioinformatics and Laboratory Management.

- **Research profile level (R1-R4):**

X	R1 (First Stage Researcher, pre-doctoral)	X	R3 (Established Researcher: Researchers who have developed a level of independence)
X	R2 (Recognised Researcher, PhD holders)		R4 (Leading Researcher: Researchers leading their research area or field)

- **Profile** (minimum requirements and valued merits):

- o Minimum requirements:

1. University degree in Chemistry, Biology, Biochemistry or similar. Candidates holding PhD will be considered with preference.
2. Minimum 2 years of experience in quantitative proteomics by LC-MS (DIA, DDA, SRM)

Candidates must send, along with their CV, the supporting documentation to accredit the compliance of the minimum requirements. Applications not fulfilling with this requirement will be excluded from the evaluation and selection process.

- o Valued merits:

1. Proven experience in handling, maintaining and calibrating of liquid micro- and nano-chromatography (mono- and multidimensional) equipment coupled to mass spectrometry type QqQ, QTOF, Orbitrap, etc. (0.25 points per year of experience, up to a maximum of 1.25 points).
2. Proven experience in quantitative techniques using LC-MS (DIA, DDA, SRM) (0.5 points per journal article published as *first or corresponding author*; 0.25 points per journal article published as *second author*; 0.1 points per journal article published as *any other type of author*, up to a maximum of 2.5 points).
3. Experience in basic tasks in Mass Spectrometry and Proteomics Units/labs: obtaining extracts from biological samples from different sources, including extraction, pre-concentration, depletion and purification of biological samples (0.05 points per year of experience, up to a maximum of 0.25 points).
4. Proven experience in handling the equipment currently available in the IMIBIC Proteomics Unit: Q-TOF mass spectrometer (0.75 points).
5. Knowledge of software used for Mass Spectrometry: control and data acquisition software and analysis software (0.25 points).
6. Experience in general laboratory management tasks, such as purchasing, interaction with suppliers and support to researchers (0.05 points per year worked in environments with ISO9001 quality standard, up to a maximum of 0.50 points).
7. Accredited level of English B2 or superior (demonstrated by official certificate or by having spent at least one semester in an English speaking country: 1 point).
8. Complementary training related to the vacancy (0.1 points per course/training, up to a maximum of 0.5 points).

Candidates are asked to detail both the tasks and the length of work experience in months. CVs that do not clearly and specifically specify the number of months of experience or data that are subject to evaluation will not be considered.

Selection process

The selection process consists of evaluation, ranking of all CVs received and personal interviews. Following the evaluation of the merits of all applicants based on their CVs, at least three (3) highest ranked applicants who have obtained at least 30% of the maximum points of valued merits, will be called for a personal interview in order to evaluate more precisely their aptitude, and communication and other skills. The personal interview counts up to a maximum of 3 points. The final ranking will be obtained by summarizing the points of the evaluation of the CV and the interview. The highest-ranked candidate will be selected.

In case the selected candidate rejects the job offer, the Evaluation and Selection Committee may offer the vacancy to the second-highest ranked candidate, based on the publicly available list of the results of the selection process.

Main tasks

The main tasks and responsibilities of the successful candidate will include:

- o Reception and custody of samples upon their arrival at the Proteomics Unit. The specialist technician will be responsible for the proper preservation of the samples until the analytical results required by the user requesting their service have been generated.
- o Preparation of the samples for their analysis, including cleaning, treating and preserving the samples until they arrive in the appropriate area of the Proteomics Unit.
- o LC-MS analysis of samples. The specialist will be responsible for the quantitative and/or qualitative analysis of protein samples in a liquid chromatography system (micro/nano) coupled to a mass spectrometer type QqQ, QTOF, Orbitrap, etc. through DIA (Data Independent Analysis), DDA (Data Dependent Analysis) or SRM (Selected Reaction Monitoring) solutions depending on the service required by users.
- o Generation of results. The specialist technician will be in charge of processing the results and sending them to the user demanding the services of LC-MS (Quantitative Proteomics).
- o Responding to technical queries of users, including requests for information on innovative solutions and experimental approaches, assisting in writing and revising grant applications for competitive calls, attending meetings, etc.).

- o Generation and maintenance of a registry of analyses. Custody and electronic record of all the data generated through the experimental procedures Generation of safety copies.
- o Ensuring the correct functioning of the equipment as well as keeping it in perfect condition and calibrated.
- o Participation in meetings, conferences, and training to disseminate information related to the service, as well as develop skills in the area.
- o Implementation of ISO: 9001 protocols, if necessary.

Requested documentation

- Curriculum Vitae
- Documentation accrediting the fulfillment of the minimum requirements

To properly assess the experience, it is necessary to **indicate in the CV the duration in months** of the previous working experience.

How to apply and application deadline

How to apply: Applications should be sent by email to personal@imibic.org. It is obligatory to indicate the **reference** of the offer in the **subject field** of the email. Applications failing to do so **will not be evaluated**.

Application period:

	Day	Month	Year	Hour
Start	20	April	2020	00.00 h
End	19	Mayo	2020	23.59 h

IMIBIC's Recruitment policy ensures that the best candidate for a given job is recruited through an open, transparent and merit-based selection process. Following these principles is deemed to foster international mobility of researchers, knowledge exchange, as well as guarantee equal opportunities and access for all, making the research career more attractive and ultimately increasing the quality of research.

The researcher responsible for this selection process states that the person to be hired will not have a labor contract with the SSPA or perform medical care work.

Data Protection

In compliance with the current General Data Protection Regulation (RGPD 2016/679 and L.O.P.D.G.D.D. 3/2018), we inform you that the Responsible is the Foundation for Biomedical Research of Córdoba (FIBICO) with VAT nr G14825277. FIBICO will treat the information you provide to assess your CV for the different open job positions that occur in our organisation, and therefore, due to a legitimate interest, the data provided will be kept. Even so, you can exercise your rights of access, rectification, cancellation or opposition by contacting us at Avenida Menéndez Pidal s/n (IMIBIC Building) 14004 Cordoba. info@imibic.org; Telephone: 957 21 37 00. Data Protection Officer DPD@imibic.org. More information at www.imibic.org. The data will not be transferred to third parties except under legal obligation.

You are reminded that under the provisions of *Law 19/2013, of December 9, on transparency, access to public information and good governance*, identifying data and that necessary to assess and evaluate the



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merits for job announcements and / or contracts can be published at the entity's premises and on its corporate website.

Place and date: Córdoba, April 19, 2020

Approval and Signature of the Responsible