

## Application for Senior Researcher in Mass Spectrometry field

### Summary:

Universal Diagnostics S.L. in Sevilla has an opening for a full-time position in the R&D department dedicated in the development of diagnostic tests.

### Responsibilities:

This position is within the scientific development department of a young R&D company, which is responsible for detecting, identifying, and quantifying blood-based biomarkers that are significant for different health states. We are seeking a motivated and experienced scientist with at least PhD degree in analytical chemistry, organic chemistry, biological sciences or related field, who exhibits a broad analytical aptitude has experience in –omics field and can function in a highly collaborative multidisciplinary team environment to develop new strategies for biomarker discovery using state of the art mass spectrometry based techniques.

### Key Objectives/Deliverables:

- Utilizing mass spectrometry techniques to analyse metabolites and lipids, to support detection panel development for different diseases.
- Developing new methods and strategies for biomarker discovery and quantitation, including designing new methods for sample preparation, data acquisition and data processing with commercial and in-house developed software
- Operating, maintaining and troubleshooting of liquid chromatography and mass spectrometry instruments
- Analytical validation of developed methods and incorporation to ISO or CLIA accredited laboratories
- Presenting experimental results at group/project team meetings

### Basic Qualifications:

- PhD degree in analytical chemistry, organic chemistry, biological sciences or related disciplines
- 10 or more years of relevant experience on mass spectrometry field, as demonstrated by hands-on experience in working with MS equipment
- Understanding of liquid chromatography and Mass Spectrometry methods in metabolite characterization/identification/quantification and hands-on experience in mass analysis
- Experience in working in R&D companies especially on biomarker discovery
- Good publication track record related to mass spectrometry
- Excellent English skills

### Additional Skills/Preferences:

- Demonstrated ability to work in a team environment

- Experience using and developing liquid chromatography methods by reversed phase and hydrophilic interaction liquid chromatography
- Knowledge about mass spectrometry based method development for biomarker discovery
- Experience in working in ISO accredited, CLIA approved or equivalent laboratories with expertise on ISO 15189/13485 or CLIA regulations

**Application:**

The successful candidate will have the opportunity to join a passionate and fast-growing startup developing novel diagnostic test with the potential to significantly impact society.

If you are interested in this exciting opportunity, please send your resume (cover letter optional) in English to [apply@universaldx.com](mailto:apply@universaldx.com) and reference "Senior Researcher".

Primary Location: Seville (Spain).

Schedule: Full-time

Salary: To be negotiated with the candidate

**About the Company**

Universal Diagnostics (UDX) is a Spanish-based biomedicine start-up focused on the development of diagnostics tests for early cancer detection.

The company was created in 2012 by a team of international researchers and experienced entrepreneurs. UDX has the support of an important group of international investors, National and Regional Public Agencies, and the support of NASA-Singularity University.

Our European head office is located in Seville (Spain).

Our North American head office is located in San Francisco, CA (USA).

- UDX won the 2015 MEDy Award as the "Most Disruptive Startup" -