

Research position in Metabolomics/Proteomics available at Spanish National Cardiovascular Research Center (CNIC), Madrid (Spain)

Job Description

- Conduct metabolomics/lipidomics studies with emphasis on methodologies and expertise related to coupled high performance liquid chromatography and mass spectrometry
- Develop and optimize methods to simultaneously measure large numbers of analytes in biological samples including small molecule biochemicals, metabolites, proteins and other biological species
- Work as a key member and contributor to a larger team
- Able to communicate and collaborate effectively to deliver on-time and high quality results
- Implement quality assurance for metabolomics/lipidomics studies in a production capacity
- Contribute to experimental research design and planning
- Exemplify good laboratory practice, maintain accurate laboratory notebooks and electronic data records and follow laboratory safety procedures
- Aggressively manage projects to meet timelines.
- Competitive salary according to qualification.

Qualifications

- Ph.D. in chemistry or biochemistry or equivalent life science
- Expertise in HPLC or UHPLC coupled to mass spectrometry with atmospheric pressure ionization, including sample preparation, analysis optimization and method development
- Expertise in quantification for large numbers of analytes in complex biological matrices such as serum, plasma, urine, brain extracts, cell culture media and cell pellets.
- Proficient with small molecule structure elucidation using accurate mass and tandem mass spectrometry data
- 6+ years of experience
- Highly motivated, self starter, demonstrated ability to learn, not afraid to take on new tasks, develop and apply new approaches and techniques
- Well organized, demonstrated ability to manage multiple projects simultaneously while maintaining attention to detail
- Demonstrated ability to work effectively both independently and as part of a cross-functional team

- Ability to develop a positive working relationship with a wide range of colleagues inside and outside of the CNIC.

The CNIC provides benefits packages and is an Equal Opportunity Employer. Send CV (including academic record) and a cover letter addressing your qualifications as they pertain to this position, and contact information from three referees to Jesús Vázquez (jvazquez@cnic.es)