

## **Mass Spectrometry Vacancy**

OWL is a biotechnology company leader in the field of Metabolomics, with pioneering diagnostics products and unique R&D services for the scientific community. Currently, OWL offers a position within the metabolomics department for a Research Assistant in Mass Spectrometry field. We are looking for a motivated scientist with a MSc or PhD degree in organic chemistry, analytical chemistry, biological sciences or related field, who exhibits a strong working knowledge on liquid chromatography and mass spectrometry and positive attitude and inquisitive nature, that can function in a highly collaborative multidisciplinary team.

### **KEY RESPONSABILITIES**

- Developing and utilizing mass spectrometry techniques to analyze metabolites and lipids, to support detection panel development for different diseases.
- Performing intact mass analyses of metabolites and lipids using accurate mass LC-MS and LC-MS/MS methods including sample preparation, data acquisition and data processing with commercial and in-house developed software.
- Operating, maintaining and troubleshooting of liquid chromatography, mass spectrometers instruments.
- Designing and performing experiments, reviewing and analyzing data for metabolite and lipid identification and quantification.
- Maintenance of sample and instrument records.

### **REQUIREMENTS**

- MSc or PhD degree in organic chemistry, analytical chemistry, biological sciences or related disciplines.
- One 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.

- Effective communication skills in English is a must, both in written and verbal form to deliver clear and concise presentations; demonstrated ability to work in a team environment.

#### **NICE TO HAVE**

- Knowledge of database search mechanisms for metabolite identification.
- Experience in working in ISO accredited, CLIA approved or equivalent laboratories is an added value.
- Hands-on experience with LC-MS from Waters and AB Sciex instruments is highly desired.
- Experience in clinical laboratory practices.

For more information, please visit <http://www.owlmetabolomics.com/job-offers-on-biosciences-research.aspx>