

Job description 2 : Post-Doc research position -Mass Spectrometry Imaging Specialist

We are seeking a highly motivated and skilled Mass Spectrometry Imaging Scientist to join our growing team. This person will be a key player in our interdisciplinary team and will play a crucial role in developing area in center for Microscopy and Molecular Imaging (CMMI). The ideal candidate will have a strong background in Cell Imaging and Mass Spectrometry in addition of a passion for both Biochemistry and Small Molecule Chemistry works.

The CMMI (Center for Microscopy and Molecular Imaging. <https://www.cmmi.be>) is a core facility created by UMONS (Université de Mons) and ULB (Université Libre de Bruxelles) to assist academic researchers in their projects and to support the fast-growing surrounding biotech ecosystem (Biopark Charleroi. <https://biopark.be/en>). Projects, in which we are involved in, are interdisciplinary but mainly oriented towards life sciences and biomedical sciences. During 2024, CMMI will welcome a new department from UMONS (Prof. R. Wattiez. <https://web.umons.ac.be/en/missions/research>) dedicated to imaging mass cytometry and spectrometry. These emerging tools for mapping the spatial distribution of proteins, DNA/RNA, metabolites and lipids across tissue surfaces will add another asset, completing the *ex vivo* proposition already in place (Digital pathology by Immunohistochemistry or immunofluorescence).

Key Responsibilities

- Responsible for the development of the mass spectrometry imaging unit in the CMMI
- Responsible for data analysis and data management
- Contribution to scientific publications and grant applications
- Diligent project management, administration and reporting
- Maintaining and developing scientific excellence in Mass Spectrometry Imaging

Requirements

- PhD in biology or chemistry or or Ph.D. degree in a relevant field
- Knowledge of mass Spectrometry Imaging
- Abilities to design, develop and publish methods addressing current needs in Cell Biology research
- Extensive experience documented by first and/or last author publications
- Excellent understanding of Mass spectrometry
- Strong Small Molecule Chemistry skills
- Thorough understanding of biochemistry
- High level of organization and efficiency
- Excellent oral and written communication skills in English

Also a plus

- Domain knowledge in Biomarkers, in MALDI and/or DESI Mass spectrometry

Offer details

Evaluation of applications will be based on scientific excellence. Successful candidates will be offered a full-time temporary position of 2 years, with possibility of extension.

Salary depends on seniority (6 years max.) and are in accordance with the internal University agreement. The Post-Doc is expected to start in April-June 2024.

Interested candidates are encouraged to submit their motivation letter and their curriculum vitae to **ruddy.wattiez@umons.ac.be**. The deadline for the submission is **30th April 2024**

Short-listed candidates will be contacted in April-May 2024 for on-campus interviews. The ProtMic laboratory and CMMI values diverse perspectives and is committed to continually supporting, promoting, and building an inclusive and culturally diverse high-tech campus environment.

Employment Type :Full-time

CMMI, 8 rue Adrienne Bolland 6041 Gosselies (Belgium). BioPark. <https://biopark.be/en>