Scientist – Mass Spectrometry Data Analysis
Full-time permanent employee, Munich, Germany

We are at the dawn of a new era: the omic era. New 'omic' technologies revolutionize medicine and lifestyle by producing large datasets from the molecular analysis of human samples. OmicEra Diagnostics aims to catalyze this revolution. We have developed a next-generation mass spectrometry pipeline allowing the mining of big data for the understanding of human health and disease states. This will ultimately result in earlier disease diagnostics, improved patient outcome, and novel treatment possibilities. Our team is fueled by a diverse knowledgebase, including leading proteomic scientists, artificial intelligence enthusiasts, and serial entrepreneurs. Together, we aim to change the way we think about medical diagnostics and implement the latest omic technologies in clinical routine.

We are based in Munich's biotech cluster in Planegg, offering an interdisciplinary environment with close connections to the renowned Max-Planck-Institute of Biochemistry, the Ludwig-Maximilians-University (LMU) Biocampus and the LMU university hospital, one of the largest hospitals in Europe. Additionally, we benefit from close collaborations with leading industry partners around the globe, offering cutting edge technology as well as fast and continuous development of our proteomics pipeline.

Your opportunity:

You are a skilled professional coder and want to see how groundbreaking science can be translated into next generation medical diagnostics and improved patient care?

We are looking for Scientists that are capable of and highly motivated to quickly develop and assess novel computational workflows for mass spectrometry-based proteomics. In this function, you will assist our R&D team on a wide range of projects ranging from instrument control to advanced data analysis and biomarker discovery.

Your profile:
- MSc or Ph.D. in Computer Science / Bioinformatics / Biomedical Engineering / Physics / Mathematics or related fields
- Demonstrated expertise in bioinformatics on omics data sets (preferably proteomics) or expertise in machine learning methods and applications
- Ability to write clear, well-structured documented and performant Python code. Experience with open-source projects is a plus
- Experience with databases (SQL, MongoDB) is a plus
- Experience with cloud computing (AWS) and / or workflow management (Apache Airflow) is beneficial

What we offer:
- An agile and dynamic team dedicated to making a difference in medical diagnostics
- A healthy and fun working environment with a flat hierarchy
- Responsibility early on
- Flexible working hours
- Environment for continuous learning, including conferences and trainings

To achieve our mission, we need people who are willing to transform current medical diagnostics by developing novel ways to read out and analyze big data. We are looking forward to your application documents, including your CV and earliest possible starting date. Please send all relevant documents to info@omicera.com and feel free to reach out for further questions.

Contact

info@omicera.com

www.omicera.com