

Institute of Biotechnology of the Czech Academy of Sciences announces an open competition in accordance with the Act No. 283/1992 Coll. on the Czech Academy of Sciences, and the Statutes of the Czech Academy of Sciences for a position:

## **Mass Spectrometry/Metabolomics Specialist**

in the Centre of Molecular Structure, located at the Institute of Biotechnology in BIOCEV campus.

Are you a dedicated Mass Spectrometry/Metabolomic Specialist looking for an exciting opportunity to contribute your technical expertise to cutting-edge research? We are seeking a highly skilled and motivated individual to join our team. If you possess a strong background in mass spectrometry, method development, data analysis, and a passion for metabolomics, we encourage you to apply.

### **Job description:**

The Structural Mass Spectrometry Core Facility is in the process of establishing a new Metabolomics Division and is actively seeking a specialist in the field. This individual will be tasked with setting up methods and workflows for the detection and quantification of metabolites using Bruker's mass spectrometers. The responsibilities for this role also include conducting mass spectrometry measurements on a routine basis, as well as handling data processing and reporting of results.

### **Skills and Experience:**

- **Instrument Experience:** Demonstrated hands-on experience with mass spectrometry instruments and liquid chromatography systems.
- **Method Development:** Proven ability to develop and optimize liquid chromatography and mass spectrometry methods for metabolite analysis, including proficiency in sample preparation, chromatographic separation, and data acquisition.
- **Data Analysis:** Proficiency in data processing, analyzing, and interpreting of mass spectrometry data.
- **Quality Control:** Understanding of quality control and assurance procedures to ensure the generation of reliable and reproducible results.
- **Metabolomics Background:** While not mandatory, a background in metabolomics or related fields would be advantageous.

### **Other requirements:**

- Passion for metabolomics and a commitment to staying updated with the latest advancements in the field.
- Openness to learning and adapting to emerging techniques, technologies, and methodologies in the evolving field of metabolomics.

### **User Orientation:**

- **Client-Centric Approach:** A dedication to understanding the unique research needs and objectives of internal and external customers, ensuring that metabolomics experiments align with their goals.
- **Effective Communication:** Excellent communication skills for active engagement with researchers, addressing inquiries, providing timely updates, and offering assistance throughout the research process.
- **Adaptability:** Ability to adapt to changing project requirements and priorities based on feedback and evolving client expectations.
- **Problem Solving:** Proactive problem-solving mindset to identify potential issues or challenges and collaboratively develop solutions with clients.
- **Client Satisfaction:** Strong commitment to exceeding client expectations by consistently delivering high-quality metabolomics data and results that drive successful research outcomes.

If you are a skilled Mass Spectrometry/Metabolomic Specialist with a passion for scientific innovation and a commitment to client satisfaction, we invite you to apply for this exciting opportunity. Join our team and be a part of groundbreaking research in the field of metabolomics.

**We offer:**

- An inspiring working environment within a scientific center with access to state-of-the-art technologies and well-equipped laboratories.
- Professional development opportunities through training, workshops, and research opportunities within a multidisciplinary team.
- Collaboration with experts from various fields, providing opportunities for knowledge exchange and creative collaboration.
- Engage in innovative research and development in the field of metabolomics.
- Flexible work arrangements to support a healthy work-life balance.
- Five weeks of vacation, competitive bonuses, and meal allowance.

**To apply, please send your resume and a cover letter outlining your qualifications and relevant experience to [hr@ibt.cas.cz](mailto:hr@ibt.cas.cz).**

**We look forward to welcoming you to our team!**

**Position for two years with possible extension, expected start May 2024.**

**For more information, please, contact Jan Dohnalek ([jan.dohnalek@ibt.cas.cz](mailto:jan.dohnalek@ibt.cas.cz)) and Petr Pompach ([petr.pompach@ibt.cas.cz](mailto:petr.pompach@ibt.cas.cz)).**

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