

The Center of Plant Systems Biology and Biotechnology (CPSBB) offers the following position:

Postdoctoral researcher, Department Plant Metabolomics

Occupation: Full-time. **Period:** Fixed-term contract of two years, probation period of 6 months
Apply no later than: January 31, 2022

CPSBB is a newly established research center in Plovdiv, Bulgaria, with the financial support of the H2020 project PlantaSYST (Teaming), the Bulgarian Government, and the Municipality of Plovdiv. CPSBB's mission is to position itself at the forefront of plant sciences in Bulgaria.

Plovdiv is one of the oldest cities in Europe, established in the 6th millennium BCE. The city is the second-largest in Bulgaria, industrial and academic center, with rich cultural life and entertainment. The European Commission declared Plovdiv the 2019 European Capital of Culture.

CPSBB is looking for a highly motivated, experienced scientist who can join the research of Department Plant Metabolomics. This research focuses on unravelling the metabolic profiles and primary/secondary metabolite pathways (and their regulatory control) in model and crop species by employing cutting-edge mass spectrometry methods. In addition to its own research, the department will offer GC-MS, LC-MS and ICP-MS services. The ideal candidate must have in-depth knowledge of mass spectrometry and chromatographic methods, data, and instrumentation.

The candidates are expected to have a good publication record and experience with running and maintaining GC-MS and/or LC-MS machines.

Workplace

The workplace will be CPSBB Plovdiv, Bulgaria.

Job Requirements

- PhD in analytical chemistry, biochemistry, chemometrics, metabolomics or related discipline
- Hands-on experience in the application of GC/LC methods and analyzing mass spectrometry datasets.
- Knowledge of instrumentation related to gas/liquid chromatography and mass spectrometry
- Publications in medium or high IF journals
- Excellent analytical and problem-solving skills. Skills, knowledge, and ability to prepare written manuscripts on experimental and theoretical data analysis and experimental methods
- Excellent written and verbal communication skills to discuss, plan, and present results to a multi-disciplinary laboratory group and interact with personnel from different scientific organizations, companies and academic institutions.
- Strong leadership skills to guide research of PhD students.

Main responsibilities

- Running and maintaining the analytical equipment, such as GC-MS and LC-MS systems
- Conducting cutting-edge plant science research
- Supervising PhD students
- Writing grant proposals and assisting grant management

We offer

- Competitive salary, including taxes and social and pension contributions.
- Work in a competitive international research team.
- Opportunity for career development.
- Funding is available immediately.



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Deadline for application

The application deadline is January 31, 2022. Applicants interested in the position should send the following documents:

- Application letter including a statement about why you apply for this position
- CV including a list of publications
- Contact information, including email addresses, of a minimum of two reference persons (do not include reference letters in your application; we will contact your reference persons directly)

Send your application documents as a single pdf-file to secretary@cpsbb.eu

For more information about CPSBB, please visit these websites:

CPSBB: www.cpsbb.eu

Project PlantaSYST: www.plantasyst.eu