

Job opening



Manager of gene expression core facility

Founded in 2008 the Biotechnology Institute (BTU) of the Czech Academy of Sciences is the newest of Czech research institutes. Among its activities is gene expression profiling, where BTU, with generous support from the Academy of Sciences, has acquired the BIOMARK microfluidic platform for high throughput expression profiling, multimarker diagnostic, and mutation analysis by digital PCR and high resolution melting. It is the only BIOMARK platform currently in central Europe. In addition to the BIOMARK BTU, through collaboration with European Biocenter TATAA (www.tataa.com) has access to three other qPCR instruments, dispensing robots and sample preparation robots. This makes BTU one of the best equipped institutes for gene expression analysis in Europe. The unique and powerful equipment at BTU shall be made available for Czech academic researcher in an efficient core facility laboratory. We are seeking the manager to run the core facility.

Purpose and Function of the Position

The core laboratory will be at the institute of Biotechnology at the Krc campus of the Czech Academy of Sciences. The core will serve academic researchers in providing them with real-time PCR services, including sample preparation, assay optimization and high throughput qPCR expression profiling.

Desired start is during spring 2009, although there is some flexibility. The manager's salary will be supplemented with instructor fee for contributing to courses in real-time PCR organized in Prague jointly by BTU and TATAA, resulting in a highly competitive local salary. Excellent references from academic supervisors and previous employers must be furnished upon request. The position will remain open until filled.

Minimum Requirements for the Position:

- University degree in a life or medical sciences discipline. PhD is not required. Working experience after university degree either in industry or academia is valued.
- Experience in PCR and other molecular biology methods.
- Large interest in advanced instrumentation and technology development
- Experience in setting up and optimizing experiments and of running advanced instruments.
- Ability to make budgets and cost estimates for quotations and invoicing of customers
- Ability to learn and set up new methods based on literature and interest to further develop technical skills
- Ability to write reports of performed analyses in Czech and at least draft reports in English
- Ambitious
- Interest in both theoretical and practical teaching in biotechnology.
- Communication skill in English

Deadline:

We appreciate your application by e-mail by December 31, 2008. 90773

Contact:

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