



Research Engineer position in Fermentation Technologies

ERA Chair in Synthetic Biology, University of Tartu

ERA Chair in Synthetic Biology at the University of Tartu, Institute of Technology, Estonia is recently established research group financed through ERA Chair project to carry out excellent research in the field of synthetic and systems biology. Our aim is to create a multi-disciplinary and multicultural environment to foster new innovative ideas to create novel cell factories.

Job description

We are looking for a motivated candidate to fill the position and be part of an iterative process for creating energy efficient microbial cell factories. The primary responsibilities of the position are going to be the planning and conducting various fermentation experiments using bioreactors and contributing to the work of metabolic engineering projects.

What we offer

We offer an exciting and challenging job in a young and dynamic environment developed for translational research in biotechnology and microbiology. We strive for academic excellence by valuing intellectual freedom and innovation and promoting intra and inter-institutional collaborations.

Requirements

Applicants should have an MSc degree, or equivalent, in biotechnology, genetics, chemical or biochemical engineering, molecular biology, or another relevant field, and additionally fulfill the following:

- Exhibit strong interpretation and data analysis skills.
- Be efficient at working in a team.
- Be able to communicate at an advanced level in English both orally and in writing.

Moreover, the successful candidate will be experienced in one or more of the following:

- Microbial cell culturing/fermentation, functional genomics (transcriptomics, proteomics, metabolomics, etc.), adaptive laboratory evolution or analytical chemistry.
- Have extensive knowledge in areas of microbial physiology, molecular microbiology.
- Have been working in the field of molecular biology, which has resulted in experience with genome engineering and molecular cloning.

Terms of employment

The period of employment is three years (preferably to begin July 2017).

The place of work is in Tartu, Estonia.

Further information

Further information can be found from erasynbio.ut.ee or requested from Dr. Petri-Jaan Lahtvee, lahtvee@ut.ee, tel. +372 5088 117.

Application

Applicants are requested to write a letter, in which they describe their abilities and motivation, accompanied by their curriculum vitae and the names and contact information of at least two referees. Written applications should be sent by email to lahtvee@ut.ee. Application deadline is June 1st, 2017.