



Research Fellow in Bioengineering

We are inviting applications to the Data Engineering team of Estonian Biofoundry at the newly established Institute of Bioengineering, University of Tartu. The major focus of the work will be the implementation of the EC Horizon project “Centre for Digitalisation of Biology Towards the Next-Generation of Biosustainable Products” (Teaming project DIGIBIO, Widening for Excellence). The project is built as a teaming partnership with the Novo Nordisk Foundation Centre for Biosustainability at the Technical University of Denmark (DTU) and Tallinn Technical University.

The University of Tartu is the biggest and oldest centre of academic life in Estonia - we have over 4,000 employees and 14,000 students. The unique intellectual atmosphere and fine living and working environment that characterise Tartu have attracted prominent scientists and experts for almost 400 years. Join the university family!



Number of vacancies

1



Deadline for applying

15.03.2024



Job location

Ravila 14a, Tartu

Work time

Full time work

Work assignments

- Responsible for implementing and maintaining Biofoundry workflows.
- Communication with the Biofoundry user network.
- Responsibility for the renewal, sustainability and maintenance contracts of the Biofoundry equipment park.
- Daily scientific management and coordination of Biofoundry research projects and R&D development projects.
- Responsible for procuring reagents and other materials for Biofoundry projects and leading the project team.

Education

PhD or an equivalent qualification in related field.

Work experience

- At least one year of work experience in life science or computer science field.
- International-level research in the specialisation, the volume of which so far is equivalent to at least one doctoral thesis.
- Knowledge of various technologies, methodologies, and equipment used in bioengineering.

Personal qualities

- Excellent organisational and record keeping skills.
- Ability to work independently and in a team.
- Good communication skills and the desire to work in an international environment.

Language skills

Very good command of English.

The documents required for applying

1. A letter of application to the Rector.
2. A curriculum vitae with salary request.
3. A list of research publications (if necessary, enclosing copies or offprints of more important publications).
4. A copy of a document (including its annexes) which shows the candidate to hold the required qualification (with authorized translation into Estonian, English or Russian if the credential is not in Estonian, English, Russian, Finnish, Swedish, French, Italian, Ukrainian and Belarussian languages). A candidate can be required to submit the original or a certified copy of the document (including its annexes) showing the candidate to hold the required qualification. If the candidate has acquired the higher education in question abroad, he or she may be required to submit an assessment issued by the [Academic](#)

[Recognition Information Centre](#) (the Estonian ENIC/NARIC) of his or her qualification in respect of the qualification requirements for the position.

5. Other materials considered relevant by the candidate (a list of such materials must be included in the application or annexed to it).

Additional information

The DigiBio project will create a research and technology platform for data-driven disruptive bioengineering solutions to accelerate translation of science to manufacturing of next-generation bioproducts. The platform relies on the generation and analysis of big data through integration of automated genome engineering, phenotype screening, high-throughput analytics, and informatics. The Estonian Biofoundry is a member of the Global Biofoundry Alliance.

[Job description, incl. requirements for academic staff.](#)

[Salary Rules.](#)

[More information about application documents.](#)

Company/organization offers

- Supportive academic environment where you can grow professionally and contribute to meaningful research.
- A wide range of self-improvement options for personal and professional development.
- Flexible working hours.
- Paid holiday 42 days a year.
- We pay the sickness benefit 100% already for days 2-8.

[Read more about what we offer to our employees!](#)

Video link: https://www.youtube.com/watch?v=k2Ke_HCyULI

Contract start date: 01.05.2024

Workload: 1

[Apply Now](#)

Company/Organization

bioinseneria instituut

Email

mart.loog@ut.ee

Contact person

Mart Loog

Address

Estonia, Tartumaa, Tartu

Ravila 14a

Sharing is caring

