

Welcome to TFTAK, a knowledge-driven company where applied food and fermentation research meets the challenges of innovative food producers. Our diverse team of experts and state-of-the-art facilities are committed to developing solutions that address real-world challenges and create positive change. Join us as we explore new frontiers and shape a brighter future through science and discovery.

We are currently hiring a **SCIENTIST** to join our **MICROBIAL BIOPROCESS ENGINEERING** Team.

We are seeking a highly motivated, hands-on professional with expertise in advanced bioprocess design (fed-batch, continuous, etc.), experience with bioreactors of various sizes, and a proven ability to successfully conduct applied research projects. Given that we work with a range of microbial species, broad experience with different microbes is highly desirable. **Please ensure your CV clearly demonstrates how your skills and experience meet the requirements and responsibilities of this role.**

Main Responsibilities:

- Experimental planning based on client input. Understand the goal and make research plan accordingly and conduct the experiments.
- Design and develop various bioprocesses (viable cell production, protein expression), including both aerobic and anaerobic processes with bacteria, fungi, and yeasts.
- Support in project proposal writing.
- Lead technical improvements in the fermentation lab to reduce downtime and resolve technical issues.
- Troubleshoot a wide range of technical problems in the fermentation lab.
- Analyze, interpret, and report fermentation and metabolic by-product data.
- Present and simplify scientific results and decisions to internal and external stakeholders.
- Mentor and guide junior team members.
- Maintain precise and timely documentation of laboratory work.

Position Requirements:

- PhD in Biotechnology, Chemical Engineering, or a related field.
- Extensive technical knowledge of bioreactors (Applikon), control software (Lucillus), and related equipment
- Ability to work effectively within a team.
- Strong organizational skills, with the ability to set and meet deadlines.
- Proactive mindset and a desire for continuous improvement.
- Ability to adapt to sudden changes.
- Excellent written and spoken English.
- Proven publication record in the fields of bioprocess engineering, advanced cultivation techniques, or chemical engineering

Why join us

At TFTAK, we bridge the gap between lab-scale research and commercial applications. If you are driven by seeing the practical impact of your research, TFTAK is the perfect place for you. With us, you will have the opportunity to work alongside people from more than 20 different universities worldwide. Additionally, we offer:

- Extra paid vacation days between Christmas and New Year
- Active knowledge sharing, monthly in-house science seminars
- Modern office, free parking, bicycle storage
- Benefits including occupational healthcare, sports packages, and complimentary coffee, tea, and fruits
- We compensate the direct relocation costs (flight tickets) for non-residents of Estonia
- Greater tenure in a similar role, combined with a higher degree of alignment with the position's requirements, will offer favorable grounds for salary discussions.

We look forward to receiving your motivational letter and CV by **January 1, 2026**, at career@tftak.eu (please mention the **position name in the subject line**).