**Laboratory technician with expertise in cell culturing for**

**Persistent Bacterial Infections - PERFECTION\*, Rigshospitalet, Copenhagen Ø, Denmark**

A research project – PERFECTION – investigating persistent bacterial infections has recently been established at Rigshospitalet (National Hospital) in Copenhagen\*\*. The research will focus on bacterial infections caused by a range of bacterial species infecting lungs, skin (wounds) and stomach, which are often resilient to treatment and therefore develop into persistent infections. Host-microbe interactions will be investigated in infection models mimicking the relevant patient tissues, and access to bacterial strain libraries from infected patients will be exploited for analysis of infection stages and trajectories.

PERFECTION is rooted in the Infection Microbiology Group at Rigshospitalet in collaboration with the Novo Nordisk Foundation Center for Biosustainability at the Technical University of Denmark, currently comprising 10 researchers covering different biomedical areas, e.g. microbial genetics, bacterial metabolism, data modeling and bioinformatics, phages, and genome-wide gene expression.

We currently search for a highly motivated laboratory technician with documented experience in the following areas:

* mammalian cell culturing and isolation, preferentially stem/primary cell cultures and preferably experience with organoids
* routine human cell laboratory practices and safety regulations (e.g., class 2 biosafety, etc.).
* lab organization (stocks, ordering, hygiene & security)

The chosen candidate will be involved in establishing and maintaining a biobank containing organoids from both patients, healthy controls and engineered control samples. In addition, the candidate will be responsible for maintaining bacterial collections and be involved in obtaining samples from patients in the hospital.

The candidate will work closely together with postdocs in developing and optimizing strategies and protocols to generate and maintain human airway organoids

The applicant should be reliable, have good organizational skills, flexibility and accuracy.

Good Danish and English communication skills, both oral and written, are essential. The candidate must have or be willing to get vaccinations necessary for working with human samples.

Submitted applications must include the following:

* Short statement of reason for applying
* *Curriculum vitae*
* Short resumé of previous employments
* Names of 1-3 references (previous mentors or supervisors)
* Diploma as a technician or bio analyst

Application deadline is September 14, 2020 at 12:00. Interviews of short-listed applicants will be organized in the second half of September 2020.

For further questions please contact Helle Krogh Johansen, professor, consultant, DMSc., Department of Clinical Microbiology, afsnit 9301 Henrik Harpestrengs Vej 4A, 2100 Copenhagen Ø, Denmark. Phone.: +45 3122 8406, mail: hkj@biosustain.dtu.dk

Salary according to current agreements.

Expected starting date: October 2020

\*PERFECTION is a research project supported by the Novo Nordisk Foundation with participation from Professor Helle Krogh Johansen (Rigshospitalet), Professor Thomas Bjarnsholt (SUND, University of Copenhagen), Associate Professor Manuel Amieva (Stanford University, California) and Professor Søren Molin (Technical University of Denmark)

\*\*Rigshospitalet is Denmark's international hospital, which offers highly specialized treatment for citizens in Denmark, the Faroe Islands and Greenland. We are the country's largest hospital, where the leading experts and researchers ensure that the hospital in its treatment, research and education is on par with the best in Europe.