

The Netherlands Cancer Institute (NKI), Amsterdam, The Netherlands is looking for:

Research Technician - NKI Protein Facility

About the Netherlands Cancer Institute (NKI)

The Antoni van Leeuwenhoek hospital (AvL) - Netherlands Cancer Institute (NKI) is an internationally renowned Cancer Centre where both cancer patients are being treated and top-level cancer research is being performed. The NKI hosts multiple research groups where various aspects of cancer biology (e.g genetics, immunology, structural biology, cell biology, etc.) are being explored. The focus is both on fundamental aspects of cancer but also on clinical and translational research to promote implementation of new results/treatments into clinical practice.

A number of specialised core facilities has been established over the years to support the research groups with their experimental work. The NKI Protein facility is one of these facilities and provides support for the expression, purification and characterisation of proteins to both internal (NKI) as well as external academic researchers. The Protein facility is part of the Division of Biochemistry and shares the lab space and equipment with two Structural Biology groups. The facility is currently looking for a research technician with strong interest in protein production (and characterisation) to complement the team.

Job description

The research technician will contribute to the various projects that are taken by the facility. The main task will be to express recombinant proteins in bacteria, insect cells (using baculovirus) and mammalian cells, followed by purification using automated chromatography procedures (FPLC). The production size can vary from analytical to larger scale, depending on request and application. Purified proteins are being used for various purposes, including structural studies, as reagents for assays, drug screening and as antigen for raising antibodies. Upon proven interest and qualification, the tasks may be expanded with various biochemical and biophysical characterization techniques, including protein (thermal) stability assays, protein interaction studies (ITC, SPR, fluorescence) and protein crystallisation. The tasks within the facility can be performed independently to some extent, but will also include training and/or collaboration with customers that would like to learn the techniques and contribute to their own projects. The experiments will be documented accurately and communicated with the customers of the facility.

Your profile

If you are interested in this position and meet the following requirements, we would like to invite you to apply.

- You have a bachelor or master degree in biology, biomedical sciences or biochemistry
- You have strong affinity (preferably hands-on experience) with cell culture, recombinant protein expression and protein purification
- Motivation to learn and apply biophysical methods is an advantage
- You get inspired by working on various projects
- Customer service-oriented
- You are a precise worker with a good sense of responsibility
- You have good communication skills (English)

Your career opportunities and terms of employment

We are looking for a highly motivated and enthusiastic research technician. You will join a team of 3 people but will work in a lab that hosts about 20 other researchers of various nationalities, in a friendly and inspiring environment. The employment will be for a period of at least 1 year, with the

possibility for extension. The gross salary per month will be from € 2.144,- to € 3.490,- according to the FWG-function groups 45-50, depending on education and previous experience. The terms of employment will be in accordance with the CAO Ziekenhuizen (Collective Labour Agreement for Hospitals) and also includes an End-of-Year bonus.

Interested?

The position is in principle available from 1st of February 2019. Please send your application online (see below) before January 21st. For further information about the position, please contact Dr.

Patrick Celie, NKI Protein facility p.celie@nki.nl

Further details about the Protein facility can be found at <https://www.nki.nl/topmenu/protein-facility/>

Acquisition for this vacancy is not appreciated.

The online application procedure can be found at: <https://www.nki.nl/working-at-the-nki/research-technician-protein-facility/>