



HollandPTC is looking for a technician for radiobiological proton research

Biological Technician position for 32 hours per week (max)

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At HollandPTC we have facilities to conduct radiobiological research with protons. We have a biological lab for processing cells before and after proton irradiation, and we are currently setting up a lab for animal testing. Researchers from Erasmus MC, LUMC, Delft University of Technology, and other organisations use our research facilities.

As our Biological Technician you will be in charge of the biological lab. You will be the designated point of contact for researchers and you will provide technical support for the set up and execution of their experiments. You will be responsible for the necessary laboratory facilities and the correct procedures, and you will ensure that researchers can use these resources as effectively as possible. Moreover, you will be responsible for the structuring, scheduling, and safety of the labs. This includes working with genetically modified organisms (GMOs). In addition, you will be involved in the management of the animal testing lab. You will be a member of the R&D beamline team, which is managed by our beamline scientist. She is responsible for the proton irradiation in the R&D bunker. You will work with the research office to schedule projects and you will coordinate the experiments with the beamline scientist, R&D physics technician and the researchers involved.

Where will you be working?

HollandPTC is an independent outpatient clinic for proton therapy in Delft. The centre employs about 70 permanent staff who work in the fields of healthcare, physics, research and development, and operations management. Furthermore, HollandPTC has clinical physicians, physicists and researchers who also work for other institutes or organisations. Together we serve the needs of our patients and we conduct research. The centre has 2 proton gantries with in-room CT imaging and

a treatment room for the irradiation of eye tumors. We also have cutting-edge imaging equipment, including a dual-energy CT, a 3T MRI and a PET/CT. In addition, we have an R&D beamline bunker and several labs for research. In our laboratories we primarily carry out preparatory work for experiments with the beamline.

The R&D department

There are currently 7 people working in the Research and Development department: a department head, a beamline researcher, a clinical R&D coordinator, a research programme R&D coordinator, a staff advisor and a management assistant. The team will soon be expanded with an R&D physics technician and a scientific programmer. In addition, other researchers and students are present in the department on a daily basis. We expect to expand to some 50 PhD students over the coming 3 years.

Job description, you will:

- provide advice to researchers and support them in setting up and conducting their radiobiological experiments.
- draw up and maintain procedures and protocols for working in the biological lab, including working safely with GMOs.
- coordinate and schedule experiments in the radiobiological research labs.
- provide researchers with information on our house rules and safety regulations in our labs.
- supervise cleanliness and safety within the radiobiological research labs.



- coordinate, register, and maintain all materials and equipment in the radiobiological research labs, and order stocks.
- share your knowledge and experience with HollandPTC colleagues.

The beamline scientist will be your operational manager, and you will report to the director of research and education, who is also the R&D department head.

Qualifications and skills

You will have:

- a biology and medical laboratory research degree from a university of applied sciences.
- at least 5 years experience with cell cultures and cell biology techniques and with working with GMOs (MLII)
- experience in drawing up procedures and protocols for working in a biological lab
- experience with animal research and radiation protection is an advantage

In addition, you are service-oriented, good at organising and collaborating, pro-active and a good sparring partner. You have strong communication skills and are fluent in Dutch and English (both verbally and in writing). The working language in the R&D department is English. You are flexible and you do not mind working occasionally in the evenings or at weekends.

Terms of employment

The position is for 32 hours a week for one year, after which it may be converted to a permanent contract. The Collective Labor Agreement for Dutch University Medical Centers (CAO UMC) applies; depending on education and experience, the

maximum monthly salary is €4,200 (scale 9, based on full-time employment). Plus 8% holiday allowance, 8.3% end-of-year bonus and a commuter allowance of €0.19 per kilometer. The working hours are flexible, both during the day and in the evenings. In time, you may also need to work at weekends if necessary.

We require all new employees to provide us with a Certificate of Conduct (VOG) and your Hepatitis B immune status. We will check your references as part of our selection procedure.

Application

For more information about this position, please contact Marta Rovituso, beamline scientist, at m.rovituso@hollandptc.nl, or Ellen Schenk, director of research and education, at e.schenk@hollandptc.nl or call 088 501 8800.

Please send your CV and cover letter to Ellen Schenk at HR@hollandptc.nl by 1 May 2021, referencing "R&D Biological Technician vacancy". Do not delay sending your application. If we receive applications from suitable candidates before the closing date, we will start the job selection procedure and may close the vacancy.

The vacancy is open to both internal and external candidates. If you have an equivalent level of qualifications, we will give preference to an internal candidate.