

For our Maastricht lab research division, we are looking for:

Post-doctoral researcher (36 hours/week) *on innovative stem cell drug development*

Maastricht lab, led by Marc Vooijs, is developing more effective and safer treatments for cancer patients by targeting the Notch stem cell pathway: a high priority clinical target. His team recently developed a novel patented small molecule drug (approach) targeting the Notch/g-secretase enzymes: the rate-limiting step for Notch activation in tissues.

In this position, you will be part of a team (ERC-PoC, NWO Demonstrator) to characterize several lead compounds using cell-based assays measuring the potency and specificity of Notch/g-secretase inhibitors and the effects of Notch activity, proliferation, differentiation and self-renewal of normal and tumour tissues. In addition, you will be part of the studies determining the *in vivo* efficacy and safety of this new compound using preclinical tumour models and the development of a companion biomarker. The team aims to develop a minimal viable product to develop a start-up company.

You will be working at the Radiotherapy department (Maastricht lab). The lab is situated at location of Maastricht University, but we closely collaborate with Maastricht, institute for radiotherapy (www.maastricht.nl). Within the lab, we have four PI-led teams focused on identifying actionable dependencies in tumour cells and the tumour microenvironment that can be targeted to enhance and prolong treatment response while preserving normal tissue function. Learn more about Maastricht lab's research groups at: <https://www.maastrichtlab.com/>

We are looking for a post-doc researcher with a proven track record in Molecular Biology or Biochemistry and an interest in drug development and enzyme and stem cell biology. Our new team member should be a dynamic co-worker and have a strong PhD degree in a relevant area related to this project. Besides your research project, your responsibilities include the co-supervision of the laboratory work of (PhD) students and technicians in the Notch group. You are fluent in English (written and spoken, better than IELTS 7 or equivalent). Dutch language proficiency is not mandatory but strongly encouraged.

We offer you a full-time contract (36 hours/week) for an initial period of one year, which may be further extended. You will be employed by Maastricht, where the Collective Labor Agreement for Hospitals ("[CAO Ziekenhuizen](http://www.cao-zielenhuizen.nl)") applies. Your salary will be according to the salary scale FWG 60 (min. € 3.389,- max. € 4.893,- gross/month), depending on relevant work experience. Furthermore, you will receive an 8.33% holiday allowance and an 8.33% end-of-year bonus.

We offer a wide range of options for personal development, including hard- and soft skills courses. We invest in the employability and vitality of our employees and offer discounts on, for example, sports subscriptions. Applications from abroad may qualify for the 30% tax rule and moving cost reimbursement. If a residence/work permit is required, our HR department will assist with the application.

More information about this position will be gladly provided by Prof. Dr. Marc Vooijs, head of Maastricht Lab & Director Research at Maastricht, by e-mail: marc.vooijs@maastricht.nl or by calling: +31-88 4455600.

Interested? You can apply until May 25 th 2022 by uploading your motivation letter and curriculum vitae on our website www.maastricht.nl (tab: jobs & academy).

About Maastricht: The internationally acclaimed state-of-the-art radiotherapy institute Maastricht in Maastricht delivers cancer care in the Limburg region of the Netherlands, aiming to cure patients while preventing side



effects of the provided treatments. With about 330 employees, we contribute to this endeavour, in patient care, research and business operations. We are one of three centers in the Netherlands treating cancer patients with proton therapy. Furthermore, we have well-established research groups and work closely with Maastricht University and Maastricht University Hospital (MUMC+) in education, clinical and preclinical research. Does working in a dynamic and innovative organization appeal to you? Check our website, www.maastricht.nl and get in touch with us.