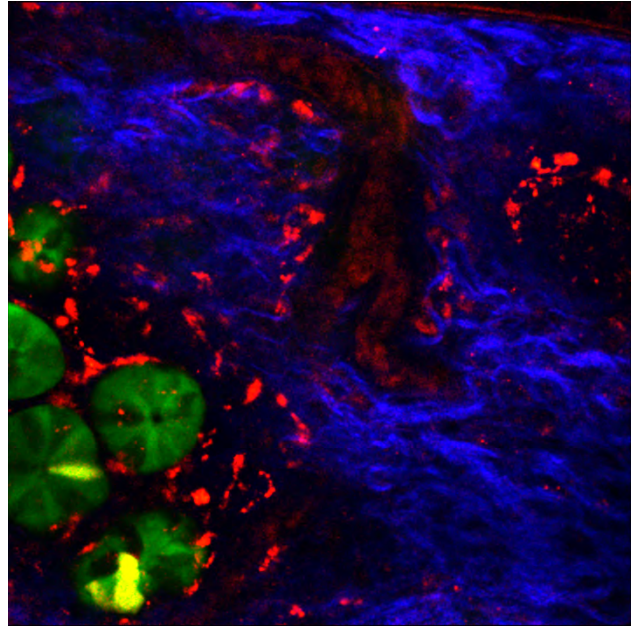


## Senior microscope expert/manager position available in the van Rheenen lab at the NKI Amsterdam

The research group of Jacco van Rheenen is looking for a motivated senior (postdoc level is preferred) microscope expert, to manage our facility for intravital microscopy. Our group studies all aspects of cancer progression by real-time visualization of individual cells in living mice. These studies include tissue development and homeostasis, cancer growth and spread and therapy resistance. For these studies, we develop and utilize high-resolution intravital microscopy to visualize individual cells in living mice.

As our microscope manager, you will maintain optimal equipment performance and as part of a team help to further develop intravital techniques and imaging analysis. In addition, the candidate will perform experiments independently and will be involved in running projects, training new users and helping to push technical boundaries we encounter when performing our state-of-the-art approaches to study tissue dynamics.



Candidate qualifications: The microscope manager we seek ideally is a motivated researcher with a PhD degree and a strong track record in microscopic imaging and/or imaging analysis. Experience in animal handling, mouse work, and computer coding are highly preferred. You will explore, test and implement new software and hardware and consult with other microscopy experts (national and international). Applicants must be able to work independently, and be a demonstrated team player with strong interpersonal, communication and organization skills. The candidate must be fluent in written and spoken English to participate in our team of cancer researchers.

The Netherlands Cancer Institute is a world-class research center devoted to cancer research. In this international environment, top cancer research is performed.

The van Rheenen lab is an internationally recognized laboratory that studies cancer progression with intravital microscopy. For more information, see <https://www.nki.nl/divisions/molecular-pathology/van-rheenen-j-group/>

### Key publications:

- 1) Scheele CL, Hannezo E, Muraro MJ, Zomer A, Langedijk NS, van Oudenaarden A, Simons BD, van Rheenen J. Identity and dynamics of mammary stem cells during branching morphogenesis. *Nature*. 2017 Jan 30. doi: 10.1038/nature21046
- 2) Zomer A, Maynard C, Verweij FJ, Kamermans A, Schäfer R, Beerling E, Schiffelers RM, de Wit E, Berenguer J, Ellenbroek SIJ, Wurdinger T, Pegtel DM, van Rheenen J, (2015), In Vivo Imaging Reveals Extracellular Vesicle-Mediated Phenocopying of Metastatic Behavior. *Cell*, 161(5):1046–1057
- 3) Ritsma L\*, Ellenbroek SI\*, Zomer A, Snippert HJ, de Sauvage FJ, Simons BD, Clevers H, van Rheenen J, (2014) Intestinal crypt homeostasis revealed at single-stem-cell level by in vivo live imaging. *Nature*, 507(7492): 362-5

Interested?: Please send your application to: Jacco van Rheenen (j.v.rheenen@nki.nl)