

# New challenges in fast growing medtech company

Are you a Verification Engineer with experience from system test and medical device product development, who likes exciting projects? Are you looking for new challenges in a fast growing, innovative medtech company with a great team spirit and skilled colleagues? Then, keep on reading!

Lumito is a life science company located in the very heart of Lund. We are developing a medical device with a unique and patented technology based on fluorescence from upconverting nanoparticles (UCNP). Our product aims to improve quality, free up resources, increase precision and reduce the risk of human errors in diagnostics of cancer indications. The product offering consists of a Whole Slide Image (WSI) scanner and a reagent kit with our unique UCNP markers. Our ambition is to launch our first product later this year in research labs.



## System Verification Engineer

We are now looking for a System Verification Engineer for our WSI scanner product development team. The product is a digital microscope that scans tissue slides in several modalities using visible light as well as near-infrared laser light. The tissue slides are labelled with our unique UCNP markers in addition to traditional histology staining.

Our development environment is very collaborative and exiting with lots of interdisciplinary challenges within optics, imaging, software, UX, electronics, mechanics and via the tissue slides connections to chemistry, biology and pathology. As our verification engineer in this team, you will have a very important role in securing the quality of our products.

## Required Qualifications & Experiences

- Bachelor's or Master's degree in Engineering.
- 5+ years of experience in test and verification engineering.
- Working experience from Quality Management Systems.
- Work permit and permanent residence in Sweden.

## Preferred Qualifications & Experiences

- Medtech working experience and appropriate standards such as ISO 13485, ISO 62304 and ISO 14971.
- Experience in microscopy.
- Experience in digital imaging quality assurance.
- Experience in data analysis.
- Experience in scripted programming languages such as Python.
- Experience in MS Office and Sharepoint.

## What do we offer?

An interesting position where you work with passionate, committed and highly skilled colleagues who are all determined to contribute to a product that can make a real difference in the future.

A good feeling, the satisfaction of working on something that could mean a lot to patients, to healthcare and to society in the future. Our work environment is flexible and our locations modern and in the very centre of Lund.

## Responsibilities

Lead planning/development/execution of system verification deliverables, e.g. test plans, test protocols, test cases, test reports and studies • Develop test protocols that assess system stability and readiness from a clinical perspective • Develop test protocols that assess image quality from a clinical perspective • Assure good documentation practices are followed in the verification process • Log defects and issues found during verification activities and track them to closure • Conduct system level software testing, analyse issues, and verify bug fixes • Design and lead test equipment development • Develop automated tests when applicable to accelerate testing, optimize coverage and repeatability • Participate in relevant design specification and review activities by providing the verifier's point of view to assure testability • Support creation and review of requirements and synchronization with test cases • Analyse and solve of complex testing problems.

## Skills & Personality

- Analytical and Structured • Attention to details
- Self-driven and result oriented • Desire to learn new things
- Ability to look ahead and take initiatives • Team player
- Good communication skills • Write and speak fluent English (Swedish is a plus)



[www.lumito.se](http://www.lumito.se)

If you have any questions, please email them to our CTO Andreas Johansson, [aj@lumito.se](mailto:aj@lumito.se). Please send your application (cover letter + CV) to [work@lumito.se](mailto:work@lumito.se).

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