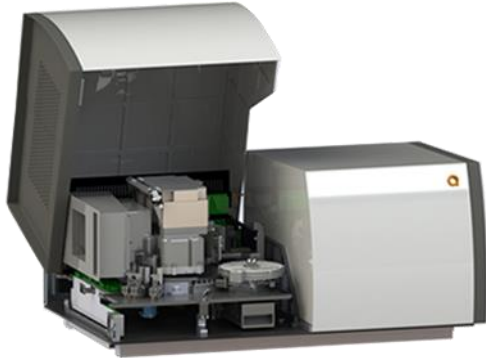


Degree project 30hp, (20 weeks) at Q-linea AB, Uppsala.

The project is aimed to test and evaluate image analysis algorithms for analysis of images obtained with Q-lineas proprietary system and to deliver a quantitative result from the images. The objects analysed will be of different types and much focus will be on understanding what algorithms that can be used when.



The work will be performed at Q-lineas premises in Uppsala and is primarily computer based. If interest, and for applicants with the right background, it is possible to also include wet-lab to generate the images to be analysed.

Q-linea is an innovative young company with around 25 employees with a wide array of competencies within software development, engineering, electronics, molecular biology and microbiology. The work will be conducted within Q-lineas sepsis project. Based on a novel and proprietary molecular platform, Q-linea develops fully automated, high-throughput systems for infectious disease diagnostics, delivering both pathogen identity and antibiotics susceptibility within hours from sample taken. While for most people unknown, more than 10 million people die every year as a consequence of sepsis. Time to correct diagnosis is critical, and every hour counts. The successful applicant will thus have the opportunity to contribute to solve one of the greatest challenges in modern hospital care: Rapid diagnosis and identification of pathogens in patients with suspected sepsis to support selection of correct and efficient treatment, ultimately leading to increased survival of patients.

For questions please do not hesitate to contact:

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