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Degree Project at Vanadis Diagnostics AB

Vanadis Diagnostics is a DNA diagnostics company based in Sollentuna north of Stockholm. The company was acquired by PerkinElmer in late 2015. The Vanadis NIPT diagnostic system was recently submitted for CE marking in Europe and receival of CE-IVD approval is expected very soon. This is an achievement that proves the track record of the team to take new techniques into emerging markets in record time.

Our approach is to leverage recent advances in molecular technologies to seed the development of innovative and reliable DNA diagnostic products. By converting cutting-edge research into informative diagnostics, we aim to provide both patients and healthcare professionals the maximum benefit of what contemporary science has to offer.

The field of DNA analysis has exploded during the last decade with new technologies enabling comprehensive analysis of the complete human genome in one day. The new DNA technologies have entertained a major scientific field with many different research applications. However, the new technologies have only recently been introduced in clinical practice, such as routine applications in cancer diagnostics and analysis of inherited diseases or prenatal screening of aneuploidies. Until now, screening for trisomies has been limited by the complexity, cost and capacity of existing NIPT technologies. The Vanadis SMART NIPT technology is designed to make it simpler for any laboratory to provide high-precision NIPT with a fully automated platform. The acquisition of Vanadis Diagnostics AB by PerkinElmer has brought resources and expertise to swiftly take the technology to market.

We are looking for Master's level students in Molecular Biology, Biochemistry, Biotechnology, Automation or similar, that enjoy working in a challenging and fast-paced environment. The student will learn and utilize basic and advanced molecular biology techniques. We can provide projects in several fields, such as development of DNA sample preparation protocols, adaptation of techniques to new indications or development of new DNA based diagnostic tools. As an integral part of the team, the student will learn to perform experimental set-up, laboratory work and data analysis, and present results to the rest of the team on a weekly basis. A project proposal will be designed together with the student to match our needs and the profile of the student. Many of our student projects have become important parts of our products.

For project examples see below link.
Exjobb – en del av karriären | The Scholar

We are looking for motivated students who wish to do their project during the spring semester. Applications will be reviewed on a rolling basis until we find a suitable candidate.
Please send your application to: info@vanadisdx.com