

Press Release

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Qlucore adds another cancer diagnostics area

- Cooperates with scientists from Lund University to develop improved bladder cancer diagnostics

Qlucore – listed on Nasdaq First North – is delighted to announce a new collaboration in the field of precision diagnostics to develop solutions for improved clinical diagnostics of bladder cancer. Bladder cancer is the third classifier model co-operation launched by Qlucore in the area of solid tumours.

Combining Qlucore’s expertise in bioinformatic software and cancer diagnostics from Lund University, this partnership will develop and clinically validate so called classifier models for bladder cancer that can be used in the AI-powered machine learning based solutions Qlucore Diagnostics and Qlucore Insights. The objective is to obtain a CE-mark for Qlucore Diagnostics.

“This cooperation with another leading group will add a new disease area to the Qlucore suite of solutions and increase the uptake of molecular diagnostics for cancer”, says Carl-Johan Ivarsson, CEO at Qlucore.

Senior scientists at Lund University, Professor Fredrik Liedberg and Professor Mattias Höglund have worked with solutions for gene expression-based classification of bladder cancer for many years and developed “the Lund Taxonomy” for bladder cancer classification – a new and improved system to classify patients into molecular subtypes with clinical value based on RNA expression analysis.

“The benefits of molecular diagnostics are higher resolution and specificity in relation to standard histopathology”, says Professor Fredrik Liedberg.

During recent years, the ability to deliver precision diagnostics of different cancer forms has developed rapidly, driven by Next-Generation-Sequencing (NGS). Until now analysis of mutations and other variants of DNA has been used for stratification of how to handle and treat cancer patients. However, RNA-based analysis is gaining momentum for cancer diagnostic purposes since it allows for classification based on gene fusions and gene expression signatures, which in contrast to DNA reflects the dynamics of a developing cancer.



QluCore Diagnostics fills a missing element in the clinical precision diagnostic workflow. With disease specific models and a clinical decision support functionality allowing prediction of patients' response to treatment, plus user-friendly 3D visualizations of the results, *QluCore Diagnostics* will be the future of personalized precision oncology and the objective is to obtain a CE-mark. *QluCore Insights* is for research use only and enables early test and evaluations.

The products will be sold to hospitals, clinics and diagnostic laboratories, utilizing QluCore's existing sales force in Europe and the US.

Certified Advisor

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About QluCore

QluCore is a leading provider of new generation intuitive bioinformatics software for research and precision and companion diagnostics. QluCore's mission is to make it easier to analyze the huge amounts of complex data generated by innovations in the fields of genomics and proteomics by providing powerful visualization-based bioinformatics data analysis tools for research and precision diagnostics. QluCore Omics Explorer software is a Do-It-Yourself bioinformatics software for research in the life science, plant- and biotech industries, as well as academia. QluCore Diagnostics and QluCore Insights are software platforms with built in AI-based machine learning for multi-omics companion and precision diagnostics. QluCore was founded in 2007 in Lund, Sweden and has customers in about 25 countries around the world, with sales offices in Europe and North America, and distribution in several countries in Asia. QluCore is listed on the Nasdaq First North Growth market. www.qlucore.com

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Attachments

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