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Rigshospitalet in Denmark implements Qlucore Insights in analysis workflow for leukemia patients

Qlucore, listed on Nasdaq First North, is delighted to report that Rigshospitalet has validated and is now implementing Qlucore Insights in their routine diagnostic workflow for children with acute lymphoblastic leukemia (ALL).

With diagnoses increasing by 6-10 percent a year in Europe, acute leukemia in children still experiences high mortality and treatment-related complications.

Selecting the optimal therapy is important. In response to this, the team at Rigshospitalet has implemented the use of Qlucore Insights for in-house use, in accordance with Article 5 (5) in EU IVDR, and included it in the RNA lab workflow. As data input whole RNA sequencing data (WTS) from diagnostic ALL samples are used.

The Qlucore Insights software, which is intended for research use only, has been validated for in-house use by the team at Rigshospitalet by comparing the results of RNA sequencing with standard methods such as G-band karyotyping, FISH, SNP array and RT-PCR. Forty-six B-ALL samples and 8 T-ALL samples from the biobank have been tested. Based on the validation results, RNA sequencing data analysis using Qlucore Insights is now incorporated as a routine diagnostic tool.

"One thing that really stands out is the combination of a gene expression subtype classifier and the detection of gene fusions", says Mette K. Andersen (MD, PhD) clinical geneticist at the Department of Clinical Genetics, Rigshospitalet.
The case study is available for **download at Qlucore.**

Qlucore Insights is intended for research use. The software is provided to hospitals, clinics, and laboratories.
A CE-marked version called Qlucore Diagnostics is currently under review for approval by a notified body.

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 easy to use bioinformatics software for research in the life science, plant- and biotech industries, as well as in 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**

Image Attachments

Rigshospitalet
ALL

Attachments

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