

Press Release
For Immediate Release
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Qlucore raises investment for international expansion and increased R&D for "Big Data" analysis market

Investment to fund product development and entry to USA

Qlucore, www.qlucore.com, a world leader in the development of bioinformatics software, has announced that it is expanding its product development team in Sweden to enhance R&D and product development, and is also opening a new sales office in the USA.

Qlucore is a privately-owned company in which the founders and management hold substantial equity. The company has today confirmed that it has raised USD 840,000 (approx. £520,000) in fresh capital from [GLD Invest](#) which will be used to intensify its sales, marketing and development efforts.

“Qlucore is now ready for the next phase of its expansion, and we are thrilled to have GLD, a private investment company, taking an active part in our future.” says Gunnar Hesse, Chairman of the Board, Qlucore

“This additional funding is proof of the confidence of our investors, their belief in Qlucore, and their commitment to supporting our growth and development” comments Carl-Johan Ivarsson, President, Qlucore.

Qlucore is best known for its highly intuitive [Qlucore Omics Explorer](#) product, which enables instant analysis and adds increased creativity to research, thanks to the software's impressive speed and statistical capability. Qlucore has customers in 17 countries and with the current capital injection the speed of expansion will increase. Customers include large pharmaceutical companies and well known international universities.

“Qlucore is active in the very significant area of analysis of large data sets. A current focus on life science related data has developed significantly over the last decade due the possibility now to sequence DNA at low cost. We see a tremendous opportunity with this investment” says Olle Lundberg, CEO, GLD Invest.

Qlucore has a global reputation for its leading-edge data analysis software, as it allows researchers – the people with the most biological insight – to study data sets themselves and to look for patterns and structures. This is becoming an increasingly vital component of data analysis. The true value of the software lies in the capabilities a researcher now has to analyze and visualize big data sets.

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About Qlucore

Qlucore started as a collaborative research project at Lund University, Sweden, supported by researchers at the Departments of Mathematics and Clinical Genetics, in order to address the vast amount of high-dimensional data generated with microarray gene expression analysis. As a result, it was recognised that an interactive scientific software tool was needed to conceptualise the ideas evolving from the research collaboration.

The basic concept behind the software is to provide a tool that can take full advantage of the most powerful pattern recogniser that exists - the human brain. The result is a core software engine that lets the user handle and filter data and the same time instantly visualise it in 3D. This will aid the user in identifying hidden structures and patterns. Over the last two years major efforts have been made to optimise the early ideas and to develop a core software engine that is extremely fast, allowing the user to explore and analyse high-dimensional data sets with the use of a normal PC, interactively and in real time.

Qlucore was founded in early 2007 and the first product released was the "Qlucore Gene Expression Explorer 1.0". The latest version of this software, now called Qlucore Omics Explorer, represents a major step forward with advanced statistics support. All user action is at most two mouse clicks away. The company's early customers are mainly from the Life-science and Biotech industries, but solutions for other industries are currently under development.

One of the key methods used by Qlucore Omics Explorer to visualise data is dynamic principal component analysis (PCA), an innovative way of combining PCA analysis with immediate user interaction. PCA analysis works by projecting high dimensional data down to lower dimensions. The specific projections of the high-dimensional data are chosen in order to maintain as much variance as possible in the projected data set. With Qlucore Omics Explorer, data is projected and plotted on the two dimensional computer screen and then rotated manually or automatically.

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