

Press Release

For Immediate Release

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Advances in bioinformatics data analysis software helps researchers to analyse, publish and present scientific breakthroughs faster

Scientists using Qlucore Omics Explorer 2.3 hail ease of use and enhanced creative reporting capabilities as key benefits of new version

[Qlucore](#), a world leader in the development of bioinformatics software, has recently launched the latest version of its advanced data analysis software, [Qlucore Omics Explorer 2.3](#) and is already receiving positive feedback from scientists and researchers using the new version.

“Qlucore Omics Explorer is adding more creativity to our research than any other software I have used,” reported David Gisselsson Nord, MD, PhD, Assoc prof, Department of Clinical Genetics at Lund University. **“The new flexibility and wide range of plot types, introduced in Qlucore Omics Explorer 2.3, make it a lot easier to generate pictures for publications.”**

Previous versions of Qlucore’s visualisation software have [helped scientists](#) across the globe to speed up their research projects and present their findings in areas including; human diseases such as leukemia and diabetes, animal testing for allergens and blood doping in sports. Scientists using Omics Explorer 2.3 are reporting that ‘ease of use’ and ‘ease of reporting and presenting research findings,’ are the key benefits of the new version. In addition, the advanced ability to import and export data from a wide range of devices and platforms and enhanced presentation capabilities are enabling researchers to be much more creative when presenting findings in reports and presentations.

The latest version Qlucore Omics Explorer 2.3 has a number of new features such as new box plots, line plots and histogram plots. These have been developed to help researchers visualise, explore and analyse an even wider range of integrated high-dimensional data sets interactively and in real time. With instant and simultaneous access to an even larger set of multiple plots, enhanced and faster integration and more flexible options for ordering and visualising larger heatmaps that use less memory, researchers are able to improve workflows and spend more time on testing theories and alternative hypothesis.

“It’s excellent to receive such positive feedback for Qlucore Omics Explorer 2.3 so soon after its release. It has been designed by scientists with scientists needs in mind, so we were confident it would be well received, but we’re pleased to hear that its already making a significant difference to our customers,” says [Carl-Johan Ivarsson](#), President, Qlucore. “All the new features and enhancements target the same key objective: to make it simpler and faster for researchers, biologists and scientists to import, analyse and report on their own, and other, data instantly and far more creatively than they could previously with other bioinformatics software.”

Qlucore Omics Explorer 2.3 offers significant upgrades, including an enhanced heatmap plot facility with a wide range of ordering and configuration options which leads to more flexible analysis and allows much easier detection of patterns, and instant clustering ability of many thousands of variables.

A free evaluation download is available and a demo of the Qlucore Omics Explorer 2.3 is available from www.glucore.com.

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Carl-Johan Ivarsson, MSc, is a co-founder and CEO of Qlucore. He has more than 15 years' experience in the international software and telecommunication industries, in both business management and sales, including two years as the head of Ericsson Mobile Platforms in China

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 fast, user friendly and powerful software program that lets the user handle and filter data and the same time instantly visualise it in 3D. The application areas span multiple fields with the common factor that large sets of numerical data need to be analysed. Over the last five years major efforts have been made to optimise the early ideas and to develop a software program 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 was released the same year. The latest version of this software, called Qlucore [Omics Explorer](#), is a major step in providing researchers an easy to use and still powerful tool for analysis of large numerical datasets. The combination of best in class visualization, fantastic speed and advanced statistics support and user friendliness puts the user in focus and supports instant analysis and creativity. The visualization methods range from an innovative use of principal component analysis (PCA) to interactive heat maps and flexible scatter plots. All user action is at most two mouse clicks away. The company's early customers are mainly from the Life-science and Biotech industries and they use Qlucore Omics Explorer on [gene expression data](#), [protein data](#), [DNA methylated](#) data, [micro RNA](#) data and other genomic data. Please read examples of our [peer reviewed publications](#) in scientific journals.

Press Contact:

Andrew Ball/ Alison Scarrott
Chaz Brooks Communications Ltd (CBC)
Tel: +44 (0)1483 537 890
Email: andrewb@chazb.com / alisons@chazb.com
Web: www.chazb.com

Qlucore Contact:

<http://www.glucore.com>
Twitter: [@Qlucore](https://twitter.com/Qlucore)
Phone: +46 46 286 3110