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GenoLogics advances clinical proteomics research with *ProteusLIMS 3.0*
Innovations deliver data analysis, standards support, data integration, lab efficiency
Speeds results in biomarker discovery and clinical applications

Victoria, B.C. Canada – GenoLogics Life Sciences Software Inc. (GenoLogics), a leading developer of solutions that help proteomics research and pharmaceutical laboratories manage, integrate and analyze enormous volumes of scientific data, announced today General Availability of *ProteusLIMS*™ 3.0 – the latest version of *ProteusLIMS* and the industry's most advanced solution for proteomics purposed lab and scientific data management and analysis. *ProteusLIMS* is much more than a workflow solution – it is a comprehensive and integrated lab, instrument, and scientific data management system that transform the data management process into a sophisticated analytical system to aid research and scientific discovery.

Significant enhancements and new capability improve data integration, data analysis, lab management and tracking to help researchers do more - to turn their data into knowledge. With *ProteusLIMS 3.0*, researchers have new advanced search and analysis support to make decisions that can improve and accelerate the interpretation and reproducibility of experimental results. Laboratory managers have more tools such as barcode support, billing support, and workflow templates to improve sample tracking, to increase throughput and ensure data accuracy. IT managers like the open architecture platform, enhanced security features and data standards support. Everyone gains with *ProteusLIMS 3.0*, which helps researchers discover hidden data trends that turn scientific data into knowledge and ultimately have a greater impact on advancing health research.

Michael Ball, CEO said, "Our success with *ProteusLIMS* has been phenomenal and our current and prospective customers are very excited about the breakthrough innovation in *ProteusLIMS 3.0* – particularly in the analytics, standards support and data integration areas. The needs of our customers are continually evolving and we pride ourselves on responsiveness as well as the ability to anticipate future needs and quickly build them into our next releases. With a commitment to delivering three major version releases a year, we are able to be very agile and deliver great value. We believe this approach and our commitment to customer service are the reasons we are the market leader in lab and data management systems for proteomics."

Highlights of significant new advances in *ProteusLIMS* include:

Analytics and new functionality in advanced querying and protein search comparison views enhance interpretation of research data for clinical proteomics and biomarker discovery.

ProteusLIMS 3.0 allows researchers to ask complex questions in determining commonalities and differences among samples and various analytes to reveal critical data elements. Researchers can also now easily compare the outcomes of multiple protein search engine results, both across samples or across multiple searches on the same sample. These powerful new features in *ProteusLIMS 3.0* improve a researcher's ability to find all the data of interest and better understand the results for interpretation. This is of particular value for biomarker discovery and in clinical proteomics research.

GenoLogics leadership in data standards adoption is aligned with many facilities' needs to share data and the direction of their IT departments in applications support. Notes GenoLogics' VP Product Management James DeGreef, "We have a strong commitment to open standards and open source tools. We know our customers will benefit from common data formats that other researchers can read, verify and duplicate. We are at the forefront of supporting open standards development and in *ProteusLIMS 3.0* data can now be exported in the XAR (eXperiment Archive) format making it easy to conform to emerging MIAPE (Minimum Information About a Proteomics Experiment) standards, share data and publish research. GenoLogics is actively working with organizations such as the Fred Hutchinson Cancer Research Center, the Institute for Systems Biology, HUPO – Proteome Standards Initiative, FuGE developers and others to collaborate on accelerating the adoption of data standards. We will have more advancement in this area to announce in the near future. "



Comprehensive data integration and automated data capture eliminates manual work, improves data accuracy and facilitates analysis and decision making. Research labs today want to use many types of software to validate their protein search and identification to ensure they have the full picture. *ProteusLIMS* 3.0 integrates with more protein search and identification software than anyone in the industry - including Mascot, Sequest, Bioworks, Peaks, Spectrum Mill and X! Tandem, with more being added in future releases. This gives labs a lot of choice and flexibility. Automated data capture is invisible to the eye, but behind the scenes files are automatically imported into the LIMS, reducing manual work, eliminating errors and saving time. The ability to contextually associate and integrate all the proteomics data in *ProteusLIMS* improves decision-making.

Lab management and sample tracking features eliminate human error and improve lab efficiency, security and business processes. Already known for its unique ability to quickly and easily configure workflow changes, its superior sample tracking and lab management features, *ProteusLIMS* 3.0 has added new features that also save time and lab resources. LabAccount provides a simple way to get an accurate list of completed billable work for a project to ensure prompt and accurate billing. Barcode support facilitates tracking and by automating this process, minimizes errors and lost samples. New workflow templates and protocols improve efficiency. They allow for better reproducibility of experiments and methods around data gathering and analysis. In addition, enhanced user and role based security provides four levels of security access to the system data, giving lab managers and their customers confidence about how their data is protected and allowing for segregation of different physical facilities.

ProteusLIMS 3.0 is now generally available and existing customers will be upgraded with *ProteusLIMS* 3.0 starting in November.

About GenoLogics

GenoLogics develops bioinformatics solutions that help life science and pharmaceutical laboratories, specializing in the field of proteomics and systems biology research, to manage, integrate and analyze enormous volumes of scientific and lab data to advance health science research and drug discovery. *ProteusLIMS*[™] is a comprehensive and integrated lab, instrument, and scientific data management system that transform the data management process into a sophisticated analytical system to aid research and scientific discovery. For more information, please visit www.genologics.com.

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