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NewsRelease

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SIGMA-ALDRICH AND INGENUITY SYSTEMS ANNOUNCE PARTNERSHIP TO CREATE E-COMMERCE SEARCH SOLUTION BASED ON BIOLOGICAL KNOWLEDGE

St. Louis, MO, September 13, 2007 – Sigma-Aldrich (**NASDAQ: SIAL**) and Ingenuity Systems today announced a partnership to develop a revolutionary new search capability to enhance the Sigma-Aldrich Web-based customer experience. Under the terms of the agreement, Sigma-Aldrich will leverage Ingenuity's knowledge base and integrate its search technology into Sigma-Aldrich's life science product portfolio. Ingenuity's knowledge base is the world's largest and highest quality repository of biological and chemical networks created from millions of expert curated relationships among proteins, genes, complexes, cells, tissues, drugs, and diseases.

The new search capability will be freely available to researchers to enable them to rapidly locate and purchase the Sigma-Aldrich products most relevant to their research. The search capability will enable researchers to understand those products in a content-rich environment of highly relevant biological and chemical relationships.

Dr. David Smoller, President of Sigma-Aldrich's Research Biotech business unit, said, "Customers will not only be able to now utilize our search tools such as Your Favorite Gene™ (<http://www.sigma.com/yfg>), a Web-based tool that enables life science researchers to match gene information to thousands of Sigma-Aldrich products against their gene of interest, but this partnership will also extend customers' searches to much broader biological queries around disease, function, and pathways."

Jake Leschly, CEO of Ingenuity, added, "Today's increasing emphasis on a systems view of biology is requiring scientists to design their experiments based on a more complete and dynamic

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understanding of biology. Through this innovative partnership with Sigma-Aldrich, we will enable researchers to leverage the breath of Ingenuity's knowledge and technology to gain scientific insight and to immediately translate this into more effective experimental designs and better selection of Sigma-Aldrich products."

About Sigma-Aldrich: Sigma-Aldrich is a leading Life Science and High Technology company. Its biochemical and organic chemical products and kits are used in scientific and genomic research, biotechnology, pharmaceutical development, the diagnosis of disease and as key components in pharmaceutical and other high technology manufacturing. The Company has customers in life science companies, university and government institutions, hospitals, and in industry. Over one million scientists and technologists use its products. Sigma-Aldrich operates in 36 countries and has 7,700 employees providing excellent service worldwide. Sigma-Aldrich is committed to Accelerating Customer Success through Leadership in Life Science, High Technology and Service. For more information about Sigma-Aldrich, please visit its award-winning Web site at sigma-aldrich.com.

About Ingenuity Systems: Ingenuity Systems enables researchers to model, analyze, and understand complex biological and chemical systems foundational to human health and disease. All of Ingenuity's products and services have one common goal – to provide relevant context and understanding to life science researchers. The Ingenuity products include pathways analysis software and knowledge bases for life scientists and bioinformaticians, in addition to business solutions focused on semantic search and enterprise knowledge management infrastructure. Ingenuity was founded in 1998 and is headquartered in Redwood City, California with offices in Germany, Switzerland, France, the United Kingdom, and Japan. www.ingenuity.com.

Cautionary Statement: This release contains forward-looking statements relating to future performance, goals, strategic actions and initiatives and similar intentions and beliefs and other statements regarding the Companies' expectations, goals, beliefs, intentions and the like, which involve assumptions regarding the Companies' operations and conditions in the markets the Companies serve. The Companies do not undertake any obligation to update these forward-looking statements.

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