

## **ARIADNE GENOMICS AND GENEGO COLLABORATE IN DELIVERING ADVANCED SYSTEMS BIOLOGY TOOLS**

**Rockville, MD and St. Joseph, MI. September 20, 2004** – Ariadne Genomics Inc. and GeneGo, Inc., two leading systems biology companies, today announced integration and co-marketing of tools for functional analysis of high-throughput experimental data. Ariadne Genomics' MedScan TextMiner automated text processing pipeline will be integrated and co-marketed with MetaCore™, GeneGo's flagship analytical platform that includes proprietary, manually curated databases of human biology and chemistry.

“We are pleased to join forces with Ariadne Genomics, the market leader in automated text mining of biomedical information”, said Dr. Tatiana Nikolskaya, President and CSO of GeneGo. “MetaCore is known for its extensive, expert curated content and analytical tools. Now, we are adding to the platform the most advanced Natural Language Processing (NLP) engine available today. With the integration of MedScan TextMiner, our customers will have more options and flexibility in extracting relevant information from experimental data”.

“We are happy to collaborate with GeneGo”, said Dr. Ilya Mazo, President of Ariadne Genomics. “Our goal is to deliver comprehensive tools for genomic data analysis to the working desk of every scientist, and this collaboration provides researchers with unprecedented power and flexibility in text and data mining. Specifically, they can build and analyze protein-protein, protein-ligand and genetic interaction networks using GeneGo's high quality databases of human biology and active chemistry. At the same time, they will be able to see the bigger picture with the vast space of protein interactions and regulations extracted from MEDLINE publications, proprietary and public domain databases”.

**MetaCore™** features maps, pathways and networks for almost all known human proteins; parsers for importing data from all major microarray platforms, SAGE, proteomics and metabolomics data; seven proprietary network building algorithms; flexible visualization and data exchange tools.

**MedScan TextMiner** utilizes a proprietary Natural Language Processing engine to automatically process MEDLINE abstracts, articles, and other scientific text in TXT, PDF, HTML and other formats. It extracts functional associations among proteins, cell processes, small molecules etc., and recognizes types of regulatory mechanisms involved, and the effects of regulation.

### **About Ariadne Genomics**

Ariadne Genomics develops software tools for systems biology, based on its innovative Natural Language Processing (NLP) and statistical algorithms: PathwayAssist, an intuitive desktop software tool for reconstruction, analysis and visualization of cell regulatory pathways; MedScan TextMiner, an automated scientific text processing tool, extracting information from MEDLINE abstracts, articles and other text resources; ResNet, a comprehensive molecular networks database, created by automated extraction of biological facts from the entire PubMed, and Seqware, a PC-based BLAST server, storing and managing the entire GenBank and more.

### **About GeneGo**

GeneGo is a Michigan-based company developing systems biology technology for life science research. GeneGo's first product, MetaCore, is an original computational platform for integration and expert analysis of different kinds of experimental data (mRNA expression, proteomics, metabolites, siRNA and other phenotypic data) and relevant active chemistry (metabolites, drugs, other xenobiotics) within the framework of biological pathways and networks. GeneGo's second product, MetaDrug™, assists pharmaceutical scientists with the prediction of metabolites and their likely toxicity in human. For more information, please visit the company's Web site at [www.genego.com](http://www.genego.com).

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