

## 2007 European Bioinformatics Product Innovation of the Year Award

Award Recipient: Integromics™



### AWARD DESCRIPTION

The Frost & Sullivan Product Innovation of the Year Award is presented each year to the company that has demonstrated excellence in new products and technologies within their industry. The recipient company has shown innovation by launching a broad line of emerging products and technologies.

### RESEARCH METHODOLOGY

To choose a recipient of this Award, the analyst team tracks all new product launches, R&D spending, products in development, and new product features and modifications. This is accomplished through interviews with the market participants and extensive secondary and technology research. All new product launches and new products in development in each company are compared and evaluated based on degree of innovation and customer satisfaction. Companies are then ranked by number of new product launches and new products in development.

### MEASUREMENT CRITERIA

In addition to the methodology described above, there are specific criteria used to determine final competitor rankings in this industry. The recipient of this Award has excelled based on one or more of the following criteria:

- Significance of new product(s) in their industry
- Competitive advantage of new product(s) in their industry
- Product innovation in terms of unique or revolutionary technology
- Product acceptance in the marketplace
- New product value-added services provided to customers
- Number of competitors with similar product(s)



The 2007 Frost & Sullivan Product Innovation of the Year Award in the Bioinformatics market in Europe, is presented to Integromics, for its exceptional ability to innovate products for secondary analysis of Gene Expression and quantitative assays, which has proven itself in the European market. Integromics has been able to cater to the needs of the Pharmaceutical industry in the drug discovery process, saving both time and cost involved in carrying out these processes.

### Company Profile:

Integromics, S.L. is an IT firm that provides software solutions to Life Sciences companies. The company provides software solutions for Data Analysis and also Data Management in the Proteomics, Genomics and Drug Discovery segments. Integromics over the past has established very strong partnerships in the industry and also in the academia in order to develop technological solutions. The company is headquartered at Spain and has an office in Philadelphia, USA.

Integromics is committed to facilitating results interpretation by providing tools which deliver high information content and data analysis into basic and functional research. The software solutions in microarray data management and data analysis for microarray and RT-PCR is provided in strong partnership with leading global Life Sciences companies like Applied Biosystems and Spotfire. From its scientific base, Integromics offers its clients a deep and current understanding of challenges, initiatives and solutions related to the great field of functional genomics.

### Real-Time StatMiner:

Integromics introduced the Real-Time StatMiner, a unique high-performance software specifically designed for the new era of quantitative assays.

The software delivers accurate relative quantification by a powerful combination of interactive visualization, advanced statistics and data mining. The functional features provided in the software make it possible to simultaneously analyse hundreds of samples in different applications such as biomarker discovery, miRNA profiling and Copy Number Variation.

The user is intuitively guided throughout the analysis process and gets to

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results within a few minutes. This facilitates the use of the tool by non-experts in biostatistics but does not limit its power, as statisticians can add or manipulate the procedures contained in the software.

Real-Time StatMiner™ is a powerful interactive analytical tool for quality control and differential expression analysis of RT-PCR data. Real-Time StatMiner™ is an analytical software for Applied Biosystems' RT-PCR instrumentation data which provides important complementary analysis and enables users to perform powerful statistical analysis towards validating and gaining insights of PCR experimental results.

Currently, Integromics offers two microarray analysis packages. LIMMA Guide™ is designed for the analysis of two-channel experiments and ABI700Guide™ for the analysis of arrays produced with the Applied Biosystems 1700 platform. The latest Integromics product for the advanced RT-PCR analysis is Real-Time StatMiner™.

#### **Secondary Analysis of Gene Expression:**

Integromics' tool for secondary analysis of gene expression data, ArrayUnlock™, is an advanced data analysis tool, designed to extract biological knowledge from gene expression data. ArrayUnlock™ allows the user to explore gene expression datasets or large gene lists in order to find the main biological processes associated with the experimental system. It incorporates advanced data mining techniques that provide a global understanding of the underlying biological processes, by integrating external biological information on genes and genes products. The significance of the analysis output is statistically supported.

#### **Product Penetration and Price Premium:**

The product Real-Time Statminer™ was released in May 2007. The penetration levels are estimated to be very high as the product is already installed most of the top 10

Pharmaceutical companies. This product is very clearly differentiated in the industry through the high value additions.



#### **Professional Services:**

Integromics offers professional services in various areas including the development, integration and support of laboratory information management systems for very well known software platforms. The company also offers customized solutions, design and implementation of specific solutions for databases and data models, algorithms and application development, software, installation and maintenance. Further, services are also offered in Data analysis of microarray gene expression experiments. From the microarray raw data to molecular function and biological interpretation of the differential expresses genes.

#### **Conclusion:**

Integromics has been recognised by Frost & Sullivan for its outstanding achievements in the Bioinformatics market in Europe. The company has shown the tremendous efforts put into research, established partnerships in industry and academia, high product penetration, value additions and clear distinction from competitors. The company is the deserving recipient of the 2007 European Bioinformatics Product Innovation of the Year Award.