

2008 **MERCK**
Technology Symposium

May 14- 16 2008 Long Branch, NJ USA

Exhibitor Catalog



WELCOME

TO THE MERCK TECHNOLOGY SYMPOSIUM 2008

On behalf of the New Technology Research Licensing Committee (NT-RLC) we would like to welcome you to the 12th Annual Merck Technology Symposium. Our purpose in sponsoring this symposium is to inform attendees about the broad range of new technologies that are being introduced and utilized throughout MRL. In addition, this event brings together the Merck scientists involved in the acquisition, evaluation and implementation of new technologies with key external vendors and suppliers.

This year, we are especially proud to be showcasing the newly revised NT-RLC organization, which now incorporates Preclinical Development and Experimental Medicine in addition to Basic Research. We look forward to hearing from you on how NT-RLC can improve and better serve your new technology needs.

The theme for the 2008 Merck Technology Symposium is "Improving Probability of Success and Productivity from Target Validation through First in Man", which is an especially timely topic. We have assembled a very strong program around this theme. On Day One, we present a focused session on biological approaches to increasing POS, and a first ever full day session of chemistry-related talks. Day Two will focus on emerging technologies from the intersection of chemistry and biology, enabled by informatics. Due to the positive response last year, we have continued the internal MRL poster session to illustrate how new technologies are enabling our research efforts, and to share best practices relating to new technologies.

As always, the vendor exhibition will be an important part of the Merck Technology symposium. Our preferred suppliers and external vendors are vitally important partners in delivering on Merck's Plan to Win Strategy. We are especially grateful to Thermo Fisher Scientific and Sigma-Aldrich for helping to underwrite the cost of the symposium as sponsors. We encourage you to visit the vendor pavilion to look over the products and services being offered by our suppliers, and to engage them in discussion of your current and emerging needs.

Finally, we are especially grateful to Tom Fare and Jim Barrow for organizing the excellent scientific program and to PlanetConnect for coordinating the event.

Sincerely,

Mike Luther
Basic Research

Chris Welch
Preclinical Development

Mari Candelore
Ext. Scientific Affairs

Anil Tarachandani
Ext. Scientific Affairs



Mike Luther



Chris Welch



Mari Candelore



Anil Tarachandani

SPECIAL THANKS

...to our technical program organizing committee!

The NT-RLC Chairs would like to express special thanks to Drs. Thomas Fare and James Barrow for their energy and dedication in putting together an excellent scientific program.



Dr. Tom Fare



Dr. Jim Barrow



And, to Bryan Kraker, Sourcing Manager - Procurement, for his support in creating an exciting supplier tradeshow.

A special thanks also to Stephen de Laszlo and Kimberly Folander for their advice and guidance.

Abcam

COMPANY DESCRIPTION: We strive to offer our customers the best antibodies in the world regardless of their source. This means we make our own antibodies and source other excellent antibodies from institutes, academic laboratories, primary manufacturers and other suppliers. Find out how we achieve this through: Conferences and collaborators Licensing and customer suggestions Research focus areas or check out our latest new products.

Abcam's team of PhD graduates attend conferences covering a wide range of topics to stay at the cutting edge of research. Our network of expert advisers and collaborators also help us to identify and bring you the most exciting reagents. We also support the scientific community by sponsoring, exhibiting at and organizing conferences all round the world. Visit our Abwire pages to find out which conferences we will attend for specific research areas.

PRIMARY PRODUCT FOCUS: Immunochemicals

SECONDARY PRODUCT FOCUS: Assay Instrumentation / Products; BioMarkers; Drug Discovery Technologies; Reagents

Licensing and customer suggestions: If you have excellent antibodies, we would be delighted to market and distribute these for you through Ablicensing. Contact our licensing team today. We greatly value your suggestions for new antibodies. Our unique Abvotes system allows you to register your interest in a specific target so that we can help you find it or tell you when we make it. We use this data to prioritize our antibody production projects.

Research Focus Areas: We focus our efforts on specific areas of research and dedicate teams to work on improving our antibodies for each one. Each focus area has its own resource page on our website (at "Abwire"):

| | | |
|------------------|----------------|-------------------------------|
| Cancer | Cardiovascular | Chromatin and gene regulation |
| Loading controls | Neuroscience | Nuclear signaling |
| RNAi | Stem cells | Subcellular markers |



COMPANY SUMMARY

Abcam

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Booth Number: 69
Thursday

Advanced Analytical

COMPANY DESCRIPTION: Advanced Analytical is the world leader in parallel UV capillary electrophoresis and flow cytometry based microbial detection. With over 10 years of manufacturing experience, product development, customer support and technical service to the pharmaceutical industry, Advanced Analytical is a leading innovator of products which improve throughput, reduce analysis time and ultimately help companies achieve results.

Advanced Analytical manufactures and markets dedicated 96 channel and 24 channel parallel capillary electrophoresis analyzers for pKa and log P measurement (pKa PRO™) and for DNA/RNA analysis (Oligo PRO™). These analyzers are complemented with a complete line of reagents for physicochemical profiling of drug compounds and oligonucleotide and RNA duplex purity. A general parallel capillary electrophoresis instrument is also available (cePRO) in 24 and 96 channel platforms.

PRIMARY PRODUCT FOCUS: Drug Discovery Technologies

SECONDARY PRODUCT FOCUS: High Throughput Screening

Advanced Analytical also manufactures a flow cytometry based instrument capable of rapid microbial detection and enumeration (Micro PRO™). Microbial detection kits for quantitative analysis of purified/process water monitoring (50cfu/ml detection limit), surface swab analysis (environmental monitoring) and pure culture enumeration are available.

New for 2008:

- A 24 channel protein capillary electrophoresis system for both size and IEF separation (Protein PRO™).
- Pre-poured aqueous and non-aqueous 96 well buffer plates for pKa analysis.
- A single assay absence/presence media kit for overnight detection of bacteria, yeast and mold in raw materials and finished products.



COMPANY SUMMARY

Advanced Analytical

Julio Petersen

VP of Sales

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Booth Number: 67
Thursday

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biomark@fluidigm.com
www.fluidigm.com

Gore PharmBIO Products

COMPANY DESCRIPTION: W.L. Gore & Associates, Inc. develops and supplies innovative non-reactive product contact components that control contamination and meet demanding processing challenges.

The Gore PharmBIO Products portfolio provides high purity solutions for SIP and CIP applications in long life, highly durable forms, as well as single use components and packaging solutions that enable the safe transfer, containment and sampling of sterile liquids.

Long life, highly durable products: GORE™ STA-PURE® High-Resilience Tubing effectively resists the mechanical stress of peristaltic pumps. GORE® Filtration Products help to optimize product collection of pharmaceutical dry powders as well as dust emissions. For effective sealing applications in API operations, Gore offers a variety of gaskets, packing materials and diaphragms for vessels, pumps, valves and piping systems.

GORE® Microfiltration Media is a membrane filtration solution that helps pharmaceutical filter manufacturers

PRIMARY PRODUCT FOCUS: Sample Prep & Liquid Handling
SECONDARY PRODUCT FOCUS: Consumables

Graphlogic

COMPANY DESCRIPTION: GraphLogic sells a wide range of Life Sciences software solutions which are based on our breakthrough web-based development and run-time platform, PointDragon. We specialize in scientific applications that require scientists to track and analyze of large amounts of data, such as LIMS or data analysis systems. The PointDragon IDE is based on a unique, innovative technology for which GraphLogic has recently received two patents. PointDragon allows users to create highly customized enterprise scale systems, all through a web browser and without using traditional coding. Rich internet applications, with complex programming logic, interacting with industry standard relational databases can be built in less time than it takes to gather requirements for such systems using traditional technologies. Users working with PointDragon find it to be ideally suited for complex systems; systems whose requirements are difficult to specify in advance and are best determined during the building phase.

PointDragon solutions are scalable, equally suited for

PRIMARY PRODUCT FOCUS: Computer Software
SECONDARY PRODUCT FOCUS: LIMS

engineer the highest performing and most reliable filters on the market today.

Single use components: GORE™ Amesil tubing, hoses, connectors, manifolds, sampling and collection systems and custom molded components are manufactured in a cleanroom operation. Custom component material capabilities include silicone, ePTFE, and various TPE's. GORE™ LYOGUARD® Freeze-Drying Products are designed to improve the lyophilization process while reducing product and freeze-dryer contamination risk. These completely enclosed freeze-drying trays and containers prevent product loss due to fly-out, minimize cross-contamination, and enhance worker safety.

Packaging solutions: GORE™ Packaging Vents facilitate closed, pressure-equalized systems for multi-dose drug packaging applications. The easy-to-incorporate venting components are utilized in innovative pharmaceutical drug delivery devices including pump sprayers, droppers and squeeze bottles. Their unique membrane technology provides safety by equalizing pressure and maintaining a sterile and preservative-free environment.

both departmental and global enterprise applications. Moreover, global systems can be easily tailored to conform to division or department specific needs, all within the PointDragon framework. PointDragon's unique technology enables the creation of a virtual database which transparently integrates multiple autonomous database systems into a single federated database system.

Our experienced team of Life Science PointDragon developers will work hand in hand with your scientists, lab technicians, and bioinformaticians to develop custom solutions that exactly fit your needs. Our "Build as You Use" process helps us to precisely identify your needs; what you originally requested and what you need are custom built into the final solution.

Our solutions are priced very competitively with COTS solutions and off-shore custom development alternatives. However, PointDragon systems can be implemented much faster, have superior reliability, and have a far better result-to-functionality fit than these alternatives.



COMPANY SUMMARY
Gore PharmBIO Products
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Friday

COMPANY SUMMARY
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Booth Number: 30
Tuesday-Wednesday

| PRODUCT TYPES PRIMARY | ACCOUNT NAME | BOOTH | DOWSTART | DOWEND |
|---|--------------------------------------|-------|----------|-----------|
| Analytical Reference Standards & related services | Cerilliant | 65 | Friday | Friday |
| Animals & Related Products | Taconic Labs | 31 | Thursday | Friday |
| Assay Instrumentation / Products | DiagnoSwiss | 83 | Friday | Friday |
| Assay Instrumentation / Products | High Throughput Genomics (HTG) | 45 | Tuesday | Friday |
| Assay Instrumentation / Products | NanoString Technologies | 88 | Thursday | Thursday |
| Assay Instrumentation / Products | Nexcelom Bioscience | | Thursday | Thursday |
| Assay Instrumentation / Products | SpinX Technologies | 55 | Friday | Friday |
| Basic Lab Equipment | SANYO Biomedical | 226 | Thursday | Thursday |
| Basic Lab Equipment | TA Instruments | 215 | Thursday | Thursday |
| Bioinformatics | NEXTBIO | 25 | Tuesday | Wednesday |
| Biomarker Discovery | Monarch Life Sciences | 80 | Thursday | Thursday |
| BioMarkers | Almac Diagnostics | 56 | Thursday | Thursday |
| BioMarkers | Axela | 228 | Thursday | Thursday |
| BioMarkers | Battelle | 73 | Thursday | Thursday |
| BioMarkers | Cellumen | 52 | Friday | Friday |
| BioMarkers | HistoRX | 66 | Thursday | Thursday |
| BioMarkers | Metabolon | 74 | Thursday | Thursday |
| BioMarkers | ProFACT Proteomics | | Thursday | Thursday |
| Catalyst optimization, scale up, screening and supply | Johnson Matthey Pharma Services | 224 | Thursday | Thursday |
| Cell Biology | Beckman Coulter | 27 | Tuesday | Friday |
| Cell Biology | Genetix | 53 | Friday | Friday |
| Cell Biology | Miltenyi Biotec | 31 | Tuesday | Wednesday |
| Cell Culture | Analytical Biological Services (ABS) | 60 | Thursday | Friday |
| Cell Culture | BD Biosciences | 78 | Thursday | Thursday |
| Cell Culture | Precision Antibody | 206 | Thursday | Thursday |
| Chromatography, HPLC/IC & Separ Systems | Dionex | 239 | Thursday | Thursday |
| Chromatography, HPLC/IC & Separ Systems | Luknova | | Thursday | Thursday |
| Chromatography, HPLC/IC & Separ Systems | Shimadzu Scientific Instruments | 82 | Thursday | Thursday |
| Computer Hardware and Systems | SGI | 40 | Tuesday | Wednesday |
| Computer Hardware and Systems | Tandberg | | Friday | Friday |
| Computer Software | DataForm Software | 59 | Friday | Friday |
| Computer Software | Graphlogic | 30 | Tuesday | Wednesday |
| Computer Software | Ingenuity Systems | 58 | Thursday | Thursday |
| Computer Software | LabKey Software | 14 | Tuesday | Wednesday |
| Computer Software | Microsoft | 44 | Tuesday | Friday |
| Computer Software | Oracle Crystal Ball | 46 | Tuesday | Wednesday |
| Computer Software | Rosetta Biosoftware | 15 | Tuesday | Friday |