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## ON THE MARKET

### OLIGOS TO ORDER



BOSS software for the Oligo 1000M DNA synthesizer.

Beckman has a new oligo sequence server software product for its Oligo 1000M DNA synthesizer. BOSS, which stands for Beckman oligo sequence server, software is intended for core facilities that produce oligos for other labs. It downloads text sequence information into the instrument, for order entry and billing information. It also serves as a reference database and synthesis log book, and will interact with the Oligo 5 primer design program.

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### GONG WITH THE FLOW

As part of a new worldwide strategic alliance, Dako will market flow cytometer analyzers and sorters defined and specified by Dako and manufactured by PARTEC. A major focus will be on features of volumetric absolute counting without need for additional particles, full walk-away sample preparation/introduction automation, modular upgradability and a built-in Windows 95/98 NT-based computer system for automated data acquisition and analysis.

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### TURNING DATA INTO KNOWLEDGE

GeneSpring 2.1 from Silicon Genetics is an analysis and visualization package designed specifically for genomic expression analysis. The program is compatible with both MicroArray and Affymetrix systems. Version 2.1 includes new features such as easy data import via the company's wizard, enhanced overlay and tree-building capabilities and is Mac-compatible.

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Incyte Pharmaceuticals and Oxford GlycoSciences recently announced the launch of new proteomics database products and the release of a new protein analysis software package called LifeProt. Together, the databases and software are designed to speed up the discovery and selection of new targets and optimization of lead compounds. This combined proteomics and genomic technology mines data from proteins found in normal, diseased and medically treated tissue samples. The LifeProt software provides tools for seamless integration, data visualization and mining of protein expression data to identify and validate new drug targets.

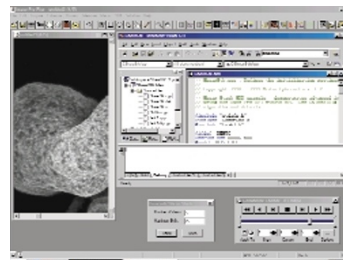
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Oxford Molecular has a new version of its MacVector sequence analysis software program for the Mac. MacVector 6.5 contains several enhancements, including user-defined primer testing, expanded protein tools, flexible property profiles and composition analyses, and

new graphics features. Clustal W multiple sequence alignments now include dendrogram output and can be printed in color. MacVector files can be exported in GCG format for use with the Wisconsin Package or read by Oxford Molecular's OMIGA for Windows, making it easy for users to collaborate with colleagues using other platforms.

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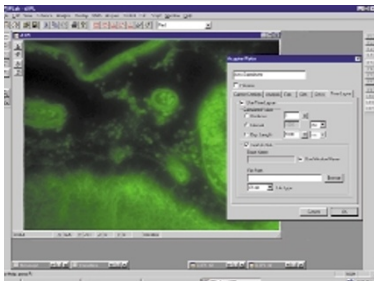


Software development kit 4.0 for Image-Pro Plus—a programming toolkit for imaging applications.

In May, Media Cybernetics announced the release of SDK version 4.0. — a software development kit for Image-Pro Plus. The SDK can be downloaded for free from the company's web site ([www.mediacy.com](http://www.mediacy.com)) by Image-Pro Plus 4.0 customers. Unlike many other programming toolkits, the company says its SDK offers a host environment that can be easily and quickly customized to solve specific imaging applications, without needing to start from scratch. It includes a powerful plug-in wizard that can automatically generate an entire C++ project, including source code, resource file and project file. Additionally, it can compile and link with Image-Pro Plus with little or no effort, says the company. Another aspect of the Image-Pro

SDK is the ease with which users can develop custom plug-ins (written in C, C++/MFC, Visual Basic or Java/J++) and add them into existing Image-Pro Plus menus and toolbars.

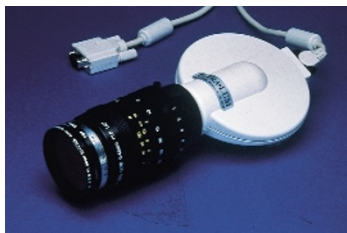
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New time-lapse feature allows researchers to capture and view intracellular events as they occur over time.

Scanalytics, a subsidiary of CSP, is now shipping updated versions of its IPLab software, IPLab/Mac v3.2.4 and IPLab/Win v2.4. Available for Macintosh, Windows 95/98 and NT, IPLab software provides scientific image acquisition, visualization, analysis and laboratory automation in a single package. These releases include a new time-lapse acquire feature that allows scientists to capture and view intracellular events as they occur over a period of time. This feature is designed for easy and accurate time-lapse image data acquisition, and is specially equipped with five separate device-independent scripts for control of external microscope hardware, such as filter wheels and shutters. Applications of time-lapse imaging include GFP techniques, which study fluorescence in living specimens.

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DigiPix digital camera for gel documentation allows viewing of live images before capture.

DigiPix is the new digital camera for gel documentation and image analysis from Ultra-Lum. The camera features over 1.2-million pixel resolution, 24-bit

color or monochrome imaging, and a PCI or PCMCIA card interface to capture images directly on a computer. The C-mount on the camera provides flexibility and users have the option of a 6:1 manual zoom, motorized zoom or fixed-focus lens. Viewing live images before capture with the DigiPix digital camera viewfinder eliminates guesswork when taking pictures of gels. Viewfinder toolbars allow adjustment of brightness, contrast, picture position and pixel resolution. The TWAIN driver enables image acquisition directly into analysis software. (Software for 1D, 2D, RFLP and sequence analysis is available from the company.)

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#### NET NEWS

Last month, Lexicon Genetics launched its subscription Internet program that enables commercial and academic/non-profit institutions to access OmniBank, the company's proprietary genomics library and database. Through the company's web site at [www.lexgen.com](http://www.lexgen.com), subscribers can reach 50,000 mouse clones, which, Lexicon claims, represents the largest collection of knockout mouse embryonic stem cells and gene sequence information. The company says that such resources should provide valuable predictive information on the action of potential therapeutic drug candidates and the validity of their targets.

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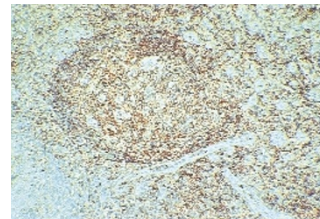
#### MONITORING ULTRASOUND

UltraVox for Windows is Noldus Information Technology's system for automatic monitoring of ultrasonic vocalizations. Within the field of neuroscience, ultrasonic utterances are seen as a valuable measure for anxiety, motivational state, and drug withdrawal. By providing flexible acquisition settings, real-time visualization of the filtering process, descriptive statistics and easy export and integration, UltraVox for Windows allows neurobiologists, behavioral pharmacologists and neurotoxicologists to detect and analyze ultrasound the way they wish. UltraVox serves as an acoustical event recorder, automatically monitoring the occurrence of vocalizations within a user-defined frequency band. To achieve this, it combines an

ultrasound detector, an audio filter and data acquisition software.

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#### ANTIBODY ASSORTMENT



Paraffin section of tonsil tissue stained with anti-LCA clone LCA88.

BioGenex Laboratories offers a monoclonal antibody to leukocyte common antigen (LCA88), which reacts specifically with CD45 (LCA) in formalin-fixed, paraffin-embedded tissue sections. CD45 is a transmembrane protein tyrosine phosphatase. The LCA family includes a group of proteins present on all mature B and T lymphocytes, thymocytes, macrophages, spleen, lymph node, chronic lymphatic leukemia cells, bone marrow, thymus and granulocytes. It is absent from brain, kidney, liver, heart, erythrocytes, platelets and normal serum. The antibody may be useful in the evaluation of malignant lymphoma and non-lymphoid tumors. Neoplastic B and T cells in leukemia and in non-Hodgkin's lymphoma stain positive and, hence, can be distinguished from sarcomas and carcinomas, according to BioGenex.

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Dynal has introduced a new Dynabeads product, Pan Mouse IgG, which is designed to work with mouse monoclonal antibodies of any IgG subclass. The human anti-mouse IgG antibody binds mouse monoclonals without inter-species cross-reactivity and, due to the Fc specificity, bound monoclonals are efficiently directed towards the target cell-surface antigen. The product is suited for depletion procedures where more than one primary mouse monoclonal antibody is used and which may be of differing IgG subclasses.

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