

ON THE MARKET

TRANSFECTION TOOLS

Qbiogene has introduced a new line of **liposome-based, fluorescently labeled transfection reagents** that are designed to aid oligonucleotide, DNA/RNA and protein delivery research. Developed to enhance a researcher's ability to visualize gene delivery and to track and assay the amount of DNA uptake, FluoroFectin transfection reagents have been shown to deliver DNA, RNA, oligos and small peptides into a wide range of cells. FluoroFectin transfection reagents are available with four fluorescent labels: FluoroFectin Green is useful for showing the formation of the complex between the DNA and the liposome and its distribution in the cells in the visible light range; FluoroFectin Red can be combined with fluorescently labeled DNA for lipid/gene/gene product localization studies; FluoroFectin Red pH Sensitive enables researchers to track the entry of the complex into the cell; and FluoroFectin UV is intended for the study of cationic liposomes with nucleic acids.

Tel. (+1) 760-929-1700
www.qbiogene.com

IMPROVING YOUR IMAGE



iVison image analysis system.

iVison is BioGenex's color, high-resolution/high-sensitivity automated **digital image analysis system**. The system comes with proprietary digital imaging and automation technologies that are designed to assist pathologists and researchers in the fields of cellular and molecular pathology, as well as drug discovery and development. iVison is equipped with auto-slide loaders that handle random-access loading and unloading capabilities for up to 50 bar-coded slides. It can be used for high-speed scanning and detection, acquisition and archiving, rare cell detection, quantitation, data/image retrieval and tissue microarray applications.

Tel. (+1) 925-275-0550
www.biogenex.com



VersaDoc with flat-fielding technology.

The VersaDoc **imaging system** from Bio-Rad Laboratories offers flat fielding technology for both ultraviolet (UV) and white-light illumination, eliminating non-uniformities caused by variations in the optical path, says the company. This quantitative, multi-imaging system is designed for capturing high-resolution digital images from single and multicolor fluorescence, chemiluminescence, chemifluorescence and colorimetric samples. The cooled charge-coupled device (CCD) camera technology, in combination with a unique ultraviolet illumination mechanism and efficient optical design, is said to provide the sensitivity, uniformity, flexibility and dynamic range needed to analyze electrophoretic and microplate samples, among others. VersaDoc is designed to increase lab throughput with direct imaging and automated acquisition. It also eliminates the need for chemiluminescence detection methods that use X-ray film. Three models are available to suit varying applications and/or budget. For maximum sensitivity, all three models are super-cooled to absolute temperatures.

Tel. (+1) 510-741-1000
www.discover.bio-rad.com

Compact MX-20 system.



High-resolution images taken with the Faxitron MX-20 **cabinet imaging system** are said to provide improved image quality over conventional X-ray systems. Designed for animal research

applications, the MX-20 utilizes a focal spot size of less than 20 microns, as well as optimized cabinet geometry. It produces magnified, ultra-detailed radiographs for non-invasive, *in-vivo* studies of small animals. Moreover, the system's compact design, fully shielded enclosure and redundant safety interlocks, allow it to be safely used anywhere in the laboratory. Images are produced using conventional film and processors or digitally when the optional 2" x 2" or 2" x 4" camera is used. Standard focal film distance is 22" with provisions for magnification from x1.5 to x5. Other features include 10-35-kV range, 0.03 mA and a 0.1-999-s digital timer.

Tel. (+1) 847-465-9729
www.faxitron.com

UNDER THE MICROSCOPE



Stereomicroscope with 6.3:1 zoom capability.

Leica Microsystems introduces the Leica S6D Greenough-style **stereomicroscope with 6.3:1 zoom**. The company says the instrument is just the job for *Drosophila*, *Caenorhabditis elegans* and zebrafish applications where identification and sorting at low magnifications is necessary. The Leica S6D features a large field of view (36.5 mm with x10 eyepieces), which means less specimen manipulation; a 110 mm standard working distance, which provides easy access to specimens; x6.3-x40 standard magnification with modular options that provide total magnifications of x1.8-x320; a built-in photo port, adaptable to any digital camera; adjustable tension focus drives to reduce muscle strain; and adjustable upper and lower zoom magnification stops, which allow repeatability at required magnifications.

Tel. (+1) 847-405-0123
www.leica-microsystems.com