

## ON THE MARKET

## WORKSTATIONS



Tecan's workstation automates microplate-based assays.

Tecan offers a new **clinical workstation** designed to increase throughput and walk-away time for high-volume labs running a range of validated ELISA/EIA and infectious disease-based assays. The Tecan Clinical Workstation, as it is known, can process more than 12 microplates per run, notifying the user via a pager of any problems. The system provides a complete tracking process, from sample to results, for a wide range of validated microplate-based assays, including ELISA/EIA and PCR for forensic and infectious disease applications. Other functions include aliquoting, reagent addition, dilution, plate washing and incubation. At the end of each run, customized, coded reports can be printed or interfaced with other laboratory information management systems. For very high volumes, multiple workstations can be linked together to share information and processing tasks.

Tel. (+1) 800-352-5128  
www.tecan-us.com

## MICRODISSECTOR



Piezo-power microdissection the Brinkmann way.

Brinkmann Instruments announces the introduction of the Eppendorf MicroDissector designed for **piezo-power microdissection** (PPMD). The PPMD method is said to process all common histological samples, as well as living cells, in a rapid and precise manner, eliminating the time-consuming pre-treatment of sections. The company says

the type and thickness of the section has no bearing on the performance of the instrument. Moreover, there are no adverse effects from heat exposure or UV radiation to the surrounding tissue. The PPMD method allows individual cells, as well as small cell areas, to be processed, and it can precede common downstream applications such as RT-PCR or quantitative mRNA expression analysis.

Tel. (+1) 800-645-3050  
www.brinkmann.com

## INCUBATORS



Space-saving incubators.

RS Biotech has launched a new series of Mini **CO<sub>2</sub> incubators**. With a compact 50-liter capacity, the new Mini models are intended for labs where bench space is at a premium. The incubators feature a new door design, which combines a glass door for easy viewing of samples with a secure single-action main door. The internal structure has easily removable frame shelf supports, which, together with the seamless inner chamber, effectively reduces both the surface area and risk of contamination, according to the company. Standard features include self-monitoring infrared CO<sub>2</sub> sensing.

Tel. (+44) (0) 1259-729729  
www.rsbiotech.com

## PURE AND SIMPLE

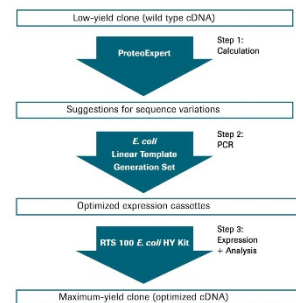
The MICROBExpress **bacterial mRNA purification kit** from Ambion is designed to remove greater than 90 per cent of the 16S and 23S rRNA from total RNA from a broad spectrum of Gram-positive and Gram-negative bacteria. The efficient removal of 16S and 23S rRNA from bacterial RNA is said to increase dramatically the sensitivity in downstream procedures such as northern hybridization and array analysis, and is also suitable for qRT-PCR and cDNA library construction.

Tel. (+1) 512-651-0200  
www.ambion.com

## PROBING THE PROTEOME

In June Serenex introduced its **functional proteome fractionation and proteome mining technologies** aimed at simplifying and rationalizing the use of proteomics in drug discovery. This technology is said to streamline drug discovery and development by discovering bioactive molecules and their corresponding protein targets *en masse* from large chemical libraries. It also identifies 'off-target' interactions of drugs to uncover and address potential side effects before expensive animal toxicity testing and clinical trials. In addition, the company says it discovers and validates meaningful protein targets and provides rapid feedback to lead optimization efforts, helping decide whether drug candidates should be abandoned or modified, earlier in the process.

Tel. (+1) 919-281-6001  
www.serenex.com



Recommend workflow for template optimization based on ProteoExpert calculations followed by the use of RTS template generation and expression kits.

RTS ProteoExpert from Roche Applied Science.

The new RTS ProteoExpert from Roche Applied Science is a new **on-line program for rational gene design**. This on-line program is designed to increase the yield of protein produced in the cell-free Rapid Translation System (RTS). The ProteoExpert program was developed and tested by studying the expression of more than 700 eukaryotic and prokaryotic genes in the RTS. For each submitted native gene sequence, the program suggests 10 silent mutations at the 5' end that are easily incorporated using modified PCR primers. In more than 70% of the trials, the company says that the mutations suggested by the RTS ProteoExpert program significantly increased the yield of protein expressed in the RTS.

www.proteoexpert.com