RNA-Seq Assays
The ultrasensitive Precise Assays have been designed for targeted RNA-seq experiments using single cells. Based on the patented Molecular Indexing technology, the Precise Assays examine large numbers of standard- or low-input mRNA samples from precious samples, or whenever absolute quantitation is required. The assays combine molecular and sample indexing in 96- and 384-sample formats, enabling customers to sequence up to 4,608 samples on one sequencing run without investing in new equipment or extensive training. Cellular Research is collaborating with Seven Bridges Genomics to offer customers a complete analysis pipeline, which provides an integrated cloud-based data platform for management, execution, and collaboration of the RNA-seq experiments in a robust, easy-to-use informatics platform. The robust design and data analysis pipelines offer a simple turnkey solution for targeted RNA-seq experiments.

Cellular Research
For info: 650-752-6144
www.cellular-research.com

PCR Prep Workstations
MY-PCR Prep provides the molecular biology laboratory technician with a “personal cleanroom” for use in the amplification of DNA and RNA. Between amplifications, My-PCR Prep can be irrigated with shortwave ultraviolet (UV) energy to denature potential contaminants and eliminate their ability to be amplified. The main chamber of MY-PCR Prep is constructed from a continuous piece of polycarbonate to prevent UV light from escaping the chamber during irradiation. Operator access is gained through the folding front polycarbonate sash, overlapped to eliminate gaps in the chamber during light irradiation. The work surface is white polypropylene making disinfection and cleaning simple. My-PCR Prep is a Class 100 vertical laminar flow workstation with timed UV light, making it an ideal benchtop personal clean zone workstation with timed UV light, making it an ideal benchtop personal clean zone. The main chamber of MY-PCR Prep is constructed from a continuous piece of polycarbonate to prevent UV light from escaping the chamber during irritation. The work surface is white polypropylene making disinfection and cleaning simple. My-PCR Prep is a Class 100 vertical laminar flow workstation with timed UV light, making it an ideal benchtop personal clean zone. The main chamber of MY-PCR Prep is constructed from a continuous piece of polycarbonate to prevent UV light from escaping the chamber during irritation. The work surface is white polypropylene making disinfection and cleaning simple. My-PCR Prep is a Class 100 vertical laminar flow workstation with timed UV light, making it an ideal benchtop personal clean zone.

Mystaire
For info: 877-328-3912
www.mystaire.com

Transcriptome Assays
Mouse and rat transcriptome assays 1.0 are powerful and flexible tools for measuring a broad range of expression changes across the coding and long noncoding regions of the mouse and rat transcriptomes. The Mouse Transcriptome Assay 1.0 (MTA 1.0) and Rat Transcriptome Assay 1.0 (RTA 1.0) provide a rich dataset sufficient to decipher changes at multiple levels in a single experiment from a variety of sample types. With approximately ten detection probes per exon and four probes per exon-exon splice junction, these assays generate the most complete, accurate, and reproducible whole-transcriptome expression data with the flexibility to select the analysis level—gene-level, transcript-level, protein-coding, or long noncoding RNA. To get to biological insights simply, quickly, and seamlessly, the complete mouse and rat transcriptome solutions include intuitive analysis software that transforms the high-quality expression data generated by the assays into biologically meaningful information in minutes.

Affymetrix
For info: 888-362-2447
www.affymetrix.com

Nucleic Acid and Protein Purification System
Low and medium throughput laboratories now have an alternative to manual processes and spin-column methods for nucleic acid purification, thanks to a new automated system. Designed for research labs and small biotech firms looking to simplify DNA, RNA, and protein purification processes, the new KingFisher Duo Prime system builds upon the utility of the existing KingFisher Duo system to help improve reproducibility and deliver high-quality samples with less time and effort than traditional manual methods. With the KingFisher Duo, isolating DNA from 12 blood samples takes as little as 53 minutes and only requires a mere 15 minutes of hands-on time, compared to manual spin-column methods, which take up to 90 minutes of hands-on time. Thermo Scientific KingFisher systems are designed to isolate DNA, RNA, and proteins from a variety of starting materials, including cell-free body fluids, blood, bacteria, cell cultures, tissue, and plant samples.

Thermo Fisher Scientific
For info: 800-556-2323
www.thermoscientific.com/kingfisherduo