Multimode Microplate Reader
The new Spark 10M multimode microplate reader is designed to offer greater flexibility and increased productivity for cell biology and genomics customers. From microbiology research and cell-based assays to rapid DNA quantification, the Spark 10M delivers a combination of advanced capabilities and exceptional ease-of-use to simplify your daily work. At the heart of the Spark 10M are Tecan’s unique Fusion Optics which offer users the choice of filter- or monochromator-based measurements— or even a combination of both — at the touch of a button, meaning laboratories no longer have to make a trade-off between flexibility and sensitivity. This cutting-edge system is complemented by High Speed Monochromators, which provides a complete absorbance scan, from 200 nm to 1,000 nm, in less than 5 seconds. The Spark 10M reader has been developed from the outset with cell-based assays in mind, and includes a host of software and hardware features designed to simplify cell biology protocols. Tecan
For info: +41-(0)-44-922-81-11
www.tecan.com

Automated Sample Storage
The Verso is a truly modular automated storage platform that is easily configured to meet the needs of the most demanding sample management applications. The system can be scaled to fit sample capacities ranging from 100,000 to over five million tubes at temperatures from ambient to -20°C. Verso is capable of storing and processing up to 1,500 tubes and plates per hour, and allows loading and unloading of up to 70 sample racks at a time. For a fully automated workflow, Verso can integrate with Hamilton automated liquid handling workstations. With end-users in mind, the intuitive system allows users to easily perform most jobs in three clicks or less. Features include one-touch loading and a job queue manager, which allows users to prioritize jobs and set jobs to process overnight. Every sample is tracked at all times to maintain a complete audit trail, including their temperature logs, who accessed the sample, and what function was completed. Hamilton Storage Technologies
For info: 800-310-5866
www.hamilton-storage.com

Fluorescence Illumination System
The new Lumen 100-LED illuminator provides advanced, high-quality illumination for a wide range of fluorescence microscopy applications. With a 25,000-hour lifetime, the Lumen 100-LED offers a broad array of LED’s covering wave-lengths throughout the visible spectrum and is suitable for the majority of fluorophores used in fluorescence applications. A wide range of adapters is available to connect the Lumen 100-LED to most up-right and inverted microscopes currently on the market. Directly coupled to the fluorescence port to maximize light efficiency, the unit can be further enhanced by the addition of excitation filters to LEDs to further optimize the bandwidth for your specific application. Engineered to completely eliminate power to the LED when set to zero light level, the Lumen 100 is ideally suited for electrophysiology and optogenetics as well as general fluorescence imaging applications. A combiner is available if two LEDs need to be used simultaneously. Prior Scientific
For info: 800-877-2234
www.prior.com

Western Blot Validated Antibodies
PrecisionAb Antibodies are a catalog of rigorously tested primary antibodies validated for detection of endogenous proteins via Western blot. Scientists have struggled with antibody unreliability for decades because manufacturing standards and quality control vary widely among vendors, targets, and even among antibody lots. Each PrecisionAb antibody is screened on whole cell lysates from up to 12 different biologically relevant cell lines and only antibodies that detect endogenous proteins with high sensitivity and specificity were chosen for the catalog. Each antibody can be purchased as a trial size and comes with positive control lysates for easy in-lab validation to fit researchers’ needs. Bio-Rad
For info: 800-424-6723
www.bio-rad.com/precisionabp

Confocal Raman Imaging Module
The newest SWIFT v2 ultrafast confocal Raman imaging module is available for the XploRA PLUS and LabRAM Evolution. The new SWIFT v2 module greatly enhances the ability to obtain fast and detailed confocal Raman images with the click of a button. The module offers a 4x to 5x improvement in speed on even the fastest of Raman images, while maintaining the class leading confocal performance and sensitivity. It makes Raman imaging a realistic alternative to optical imaging techniques and can be used to survey 3-D sample structure and surface features. Its technology and speed will enable the user to focus on detail and the chemical information within an image, and is not constrained by any compromise in sensitivity or confocal performance, which has previously challenged Raman imaging. The new module offers a powerful yet cost effective route to employing the full power of Raman imaging in the laboratory. Horiba Scientific
For info: 732-494-8660
www.horiba.com/scientific

Electronically submit your new product description or product literature information! Go to www.sciencemag.org/products/newproducts.dtl for more information.

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