new products: software/data analysis

**Pipetting App**

Designed to enable seamless connectivity with electronic pipettes, the Thermo Scientific My Pipette Creator application is the first web-based application to facilitate efficient, centralized programming of connected pipettes and rapid sharing of protocols. Currently, life science laboratories need to manually program individual electronic pipettes, which can be time-consuming and susceptible to human error. This application allows multiple users to connect and sync several pipettes at once using their PC, enabling laboratories to boost productivity and performance. Developed for use with Bluetooth-enabled Thermo Scientific E1-ClipTip Electronic pipettes, it offers users a library of preprogrammed protocols to minimize programming errors, helping them achieve reproducible, reliable, and traceable results. My Pipette Creator is part of Thermo Fisher Connect, an innovative ecosystem of scientific analysis, remote instrument access, data storage, and collaboration tools that empowers scientists to accelerate their research, and managers to boost their lab's productivity.

**Thermo Fisher Scientific**

For info: 800-955-6288
www.thermofisher.com/pathfinder

**Impurity Profiling Informatics**

Luminata is an informatics system that enables organizations to establish effective impurity control strategies through the assembly of analytical, chemical, and process information—all in a single enterprise-informatics environment. Built on Advanced Chemistry Development's (ACD/Labs) multitechnique, vendor-neutral ACD/Spectrus Platform, it offers data standardization and visualization for comprehensive substance-impurity characterization as well as the associated formation and fate of impurities, with chromatographic and spectral data. Through efficient data collection allowing easy presentation to regulatory bodies, Luminata suits Quality-by-Design approaches in accordance with various industry practices and regulatory requirements. It assists pharmaceutical development organizations in their efforts to characterize and control materials and substances throughout their lifecycle, while enhancing collaboration between process chemistry, analytical, regulatory, and quality departments. Its capabilities also benefit method development, characterization, long-term stability, and forced degradation efforts.

**Advanced Chemistry Development**

For info: 800-304-3988
www.acdlabs.com

**Data Management/Analysis Platform**

Flywheel is a data management and analysis platform built specifically for scientists and their workflow. The platform automates data capture from MRI, EEG, PET/CT, genomics, and other modalities. With vendor-neutral data capture, migrating, anonymizing, and databasing, research data has never been easier. Manage MRI, physio, stimulus, or virtually any data type with powerful indexing and search capabilities. Apply standardized pipelines and templates to assure quality and consistency. Track everything to ensure confidence and reproducibility. Flywheel simplifies and speeds data analysis with reusable software components called “Gears,” and scalable parallel analysis. Work seamlessly across teams and sites with Flywheel's secure, HIPAA-compliant collaboration platform. With reproducible research in mind, Flywheel combines open-source methods from top universities, a modern web-user interface, and an extensible compute engine based on containerization technology. The result is a software platform that accelerates discovery and helps researchers do science, not IT.

**Flywheel**

For info: 612-223-7359
https://flywheel.io

**Image-Analysis Software**

IN Carta software enables high-content analysis of images acquired on IN Cell Analyzer systems. Load, browse, and review image data, create image-analysis protocols, process data, and visualize analysis results quickly with a state-of-the-art, intuitive interface. Built-in templates streamline analysis workflows, while embedded help topics and tool tips guide all user levels. Advanced algorithms generate high-quality segmentation without requiring complex pre- or postprocessing operations. View data and analyze results and images on one screen. Use flexible data-visualization tools, including cell-by-cell and summary plots, to interpret complex, multiparameter cellular assays. Click on any cell-by-cell data point to highlight the segmented-cell and associated cellular measurements, to dynamically explore the relationship between images and results. Turn measures into answers with a single piece of software.

**GE Healthcare Life Sciences**

For info: 800-526-3593
www.gehealthcare.com

**Microbe Identification Software**

Chromogenic ID is a new color-recognition module designed to make analysis of chromogenic agars accurate and easy to interpret. Designed to work with various commercial brands, it comes standard with ChromoZona and Protos 3, and is an optional software module for ProtoCOL 3. By analyzing true-to-life color plate images captured by ChromoZona, ProtoCOL 3, and Protos 3 systems, its advanced algorithms can distinguish between similar shades of mauve, pink, and blue colonies. This capability ensures fast identification of microbes, including *Candida* spp., carbapenem-resistant *E. coli*, Klebsiella spp., *Entero bacter* spp., *Serratia* spp., *Citrobacter* spp., *Enterococcus* spp., and *Proteus*, Morganella, and *Providencia* spp. on four different Brilliance agar plate types. By collecting consistent data and reducing identification errors, the new Chromogenic ID software generates accurate results every time. These can be stored in a secure SQL database, making the software compliant with 21 CFR Part 11, and easier to integrate into a Good Laboratory Practice/Good Manufacturing Practice environment.

**Synbiosis**

For info: +44-(0)-1223-727125
www.synbiosis.com/chromogenic-id

**Imaging Software for Connected Microscopy**

ZEN 2 core is powerful software for microscopy imaging, automated control of motorized ZEISS microscopes, and multimodal workflows in material laboratory environments. It offers configurable user management to specify users and roles. Whatever their level of experience, operators will learn the software quickly. ZEN 2 core is your command center for automated imaging and analysis functions on compound light microscopes. By using built-in automated image-acquisition routines, researchers benefit from the consistency of an advanced, repeatable workflow. This platform provides the infrastructure for connected laboratory environments, linking ZEISS imaging and microscope solutions to a single, familiar graphical user interface, and keeping valuable data together across instruments, laboratories, and locations.

**ZEISS**

For info: 800-233-2343
www.zeiss.com/microscopy/int/products

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

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