IndustryNews

Quest Diagnostics Unveils New State-of-the-Art Clinical Laboratory

Quest Diagnostics unveiled its new clinical test laboratory in Marlborough, Massachusetts. The facility will house operations and employees from approximately six of the company's clinical laboratories spread across Massachusetts and Connecticut. It will also provide the base for Quest's first diagnostic research and development center in New England that will focus on advanced technologies, including next-generation sequencing, as well as neurology, reproductive genetics, and other specialized medical fields.

Quest Diagnostics
www.QuestDiagnostics.com

Exprodo Software Launches its Calpendo Facility Management Software into the Fields of Microscopy and Microanalysis

The Calpendo product has evolved greatly over the past 12 months, and its flexibility to manage MRI resources facilities has developed so far that the next progression was a move to meet the needs of both microscopy and microanalysis facilities through its flexibility and automation. These allow for a management system that is providing both time and monetary savings to facilities, along with bespoke analysis and reporting capabilities.

Exprodo Software
www.Exprodo.com/calpendo

JPK's NanoWizard® AFM Systems Come to the USA

NanoWizard® is the core of JPK's AFM specialized solutions for applications ranging from BioAFM and polymer research to surface science and nanooptics. All NanoWizard systems provide true integration of AFM with optical microscopy through the patented DirectOverlay™ feature for precise and easy work, and they come with a large variety of options and accessories. Additionally, the NanoWizard QI™ mode a force curve-based imaging mode, is provided as a standard feature.

JPK Instruments AG
http://usa.jpk.com

Carl Zeiss Microscopy, LLC and Bitplane Announce a Partnership

Carl Zeiss Microscopy, LLC and Bitplane AG announce a partnership to expand the local US sales representation for the Imaris image processing software package. ZEISS customers produce some of the world's largest and most elaborate images of cells, tissues, and model organisms. This partnership will allow ZEISS to provide researchers immediate access to Bitplane's cutting-edge software for 3D visualization and measurements of large data (2D, 2D+time, 3D, and 3D+time).

Carl Zeiss Microscopy, LLC and Bitplane
www.bitplane.com and www.zeiss.com/microscopy

FEI Opens New Technology Center in Czech Republic

FEI announced today the opening of a new technology center in Brno, Czech Republic. With a surface area of nearly 300,000 square feet, it is the largest technology plant built this year in the Czech Republic. FEI invested approximately $38M USD in the new building, and the construction took 18 months to complete. The larger facility will employ about 600 people and produce approximately 60 percent of FEI's entire electron microscope production.

FEI Company
www.fei.com

Introducing the LDBNHUB Nikon Ti Hub Integration Kit from Prior Scientific

The new LDBNHUB from Prior Scientific is the latest product in Prior's ever-expanding microscopy illumination product line. The LDBNHUB adapter for Nikon's Ti HUB is designed to be used in combination with the Prior LDB100/101 series Brightfield LED illuminator to provide a totally integrated brightfield LED illumination system. The LDBNHUB allows complete functionality with Diascopic Illumination Controls and eliminates the need for a diascopic shutter.

Prior Scientific, Inc.
www.prior.com

New Scanning Electron Microscope: SU5000 Wins Design Award by Japan Institute of Design

Hitachi High-Technologies Corporation has been awarded the "Good Design" award for their newest Scanning Electron Microscope, the SU5000. This new field emission SEM has been designed to provide ease of use along with learning tools to make even the novice user feel like they have some SEM "experience," while also offering them the ability to migrate toward a more competent level of usage.

Hitachi High Technologies Group
www.hitachi-hta.com

Andor Launches LightSheet PLUS with FlexiScan and CycleMax for Zyla 4.2

Andor Technology announced the launch of LightSheet PLUS for Zyla 4.2, which ensures the end user has more control and flexibility over the functionality of the rolling-shutter scanning mode. LightSheet PLUS allows the user to scan their illumination beam from the top to the bottom of the sensor or vice versa in one continuous sweep. Further control is available through FlexiScan that allows the user to maximize signal and confocality concurrently.

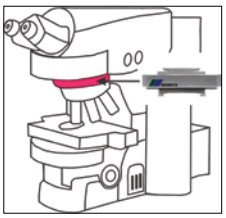
Andor Technology Ltd and About Oxford Instruments plc
www.andor.com/zyla and www.oxinst.com/email-statement

Yale University and Leica Microsystems Partner to Establish Microscopy Center of Excellence

Yale University opened a new microscopy Center of Excellence made possible through a partnership with Leica Microsystems. Housed in a new core facility, the Leica Center of Excellence will provide scientists with access to cutting-edge imaging tools to resolve sub-cellular structures and forward scientific discoveries. This relationship will afford researchers access to expert technical and applications support, along with instrumentation that Leica Microsystems will continuously update with the latest technology.

Leica Microsystems GmbH
http://leica-microsystems.com/science-lab

New Piezoelectrical Positioning System for Microscope Revolver MIPOS R120



With the new MIPOS R120, piezosystem jena GmbH enhances the MIPOS series with a solution for the positioning of the complete microscope revolver. The main advantage of the positioning system MIPOS R120 is that the operator is able to switch between lenses without changing the setup. This leads to significant time savings. It is available for microscopes of the major brands like, Zeiss, Nikon, Leica, and others.

piezosystem jena GmbH
www.piezosystem.com

Spectral Surface Mapping with Microscopic Resolution

CRAIC Technologies announced Spectral Surface Mapping™ capabilities for its UV-visible-NIR microspectrophotometers. S2M™ gives CRAIC microspectrometer users the ability to map the spectral responses across of surfaces of their samples point-by-point. With microscopic spatial resolution, surface profiles can be created using UV-visible-NIR transmission, absorbance, emission, fluorescence, and polarization microspectral data. S2M™ can create maps from Raman microspectral data from the CRAIC Apollo™ Raman microspectrometer.

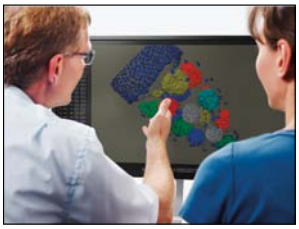
CRAIC Technologies, Inc.
www.microspectra.com

Olympus Introduces Innovative Software Solution for Super-Resolution Microscopy

Researchers using microscopy for cell and tissue imaging can now obtain optical resolution of up to 120 nm, thanks to a novel software upgrade from Olympus. With Olympus FV-OSR software, the FluoView® FV1200 confocal laser scanning microscope is transformed into a powerful system for super-resolution microscopy. The Olympus FV-OSR software module enables FV1200 microscope users easy access to what was previously the sole domain of highly specialized microscopy systems.

Olympus Scientific Solutions Americas
www.olympusamerica.com

Leica Microsystems Launches New Imaging and Analysis Software Platform for Life Science Research



Leica Microsystems launched the Leica Application Suite X imaging software for life sciences spanning all widefield, confocal, and super-resolution platforms. LAS X introduces new features for image acquisition, processing, and analysis while maintaining established principles of its predecessor software LAS AF. LAS X guides researchers through image acquisition, data recording, and evaluation in live cell imaging, providing for a maximum of reproducibility because customized system settings can be saved.

Leica Microsystems GmbH
www.leica-microsystems.com

Bessel Beam Plane Illumination Microscopy Enables Fast 3D Volume Imaging

ZEISS and the Howard Hughes Medical Institute's Janelia Research Campus have signed an exclusive license agreement for the commercialization of Bessel beam plane illumination microscopy, also called lattice light sheet microscopy. Bessel beam plane illumination microscopy allows high-speed 3D fluorescence imaging of living cellular and multicellular specimens with nearly isotropic spatial resolution, low photobleaching, and low photodamage. The technology uses special beam conditioning of the light sheet illumination.

ZEISS and the Howard Hughes Medical Institute
www.zeiss.com and www.hhmi.org

Linkam Announces the Appointment of Duncan Stacey as Sales and Marketing Manager

Linkam Scientific is pleased to announce that Dr. Duncan Stacey has joined the company as sales and marketing manager. He has an accomplished track record in the development of new markets and strategic partners and brings a depth of technical and commercial experience to Linkam. He has worked for a number of companies in imaging, spectroscopy, and microscopy, including Hamamatsu Photonics, Renishaw, Andor Technologies, and Leica Microsystems.

Linkam Scientific Instruments Limited
www.linkam.co.uk

Agar Scientific Appoints Paul Balaş as new Technical Sales Manager

Agar Scientific, part of the Elektron Technology Group, is pleased to announce the recent appointment of Paul Balaş as technical sales manager. Paul joins Agar Scientific from Ronexprim SRL where he was an executive director and the area sales manager for PANalytical X-ray equipment and FEI electron microscopes in Romanian territories. He brings a wealth of technical knowledge and experience that will be a tremendous benefit to both Agar and its customers.

Agar Scientific
www.agarscientific.com