

IndustryNews

Oxford Instruments plc Enters the FTSE 250

The FTSE Index Company has announced that Oxford Instruments plc, a leading provider of high-technology tools and systems for industry and research, has been promoted to the FTSE 250 index. Oxford Instruments plc said that it would remain highly focused on sustaining shareholder value and achieving its new three-year plan to target 14% annual revenue growth and ROS of 14% by 2014.

Oxford Instruments NanoAnalysis
www.oxford-instruments.com

DigiPath Licenses Olympus Digital Pathology Patents

DigiPath, Inc.[®] and Olympus America Inc. have entered into a nonexclusive worldwide agreement allowing DigiPath and its OEM partners to access an extensive portfolio of Olympus patents in the field of virtual microscopy and digital pathology. The patents involved in the licensing agreement cover methods, software, and technology for creating, storing, and delivering virtual microscopy images. Virtual microscope slides enable professionals to review images without handling traditional glass slides and to share digital microscope images electronically.

DigiPath, Inc.
www.olympusamerica.com/microscopes

VSG and Xradia Sign Joint Partnership Agreement to Provide 3D Imaging and Analysis Solutions

VSG, Visualization Sciences Group, and Xradia Inc. announced they have signed an OEM partnership agreement. Xradia will offer VSG's Avizo Fire software as their primary product offering for high-end 3D visualization and analysis in conjunction with the company's 3D X-ray imaging solutions. The offering enables fast analysis and modeling of Xradia's 3D imaging solutions for computed tomography at submicron and nanometer levels of resolution.

VSG, Visualization Sciences Group, and Xradia Inc.
www.xradia.com

New 64-bit LightField™ 4.0 from Princeton Instruments



Princeton Instruments introduces LightField 4.0, a new 64-bit image and spectral acquisition software package that provides a cutting-edge user interface and the powerful functionality needed to set up and perform complex optical diagnostic experiments. This unique and revolutionary software puts hundreds of useful—and very easy to use—features at researchers' fingertips. LightField fully supports Princeton Instruments PIXIS, PI-MAX[®]3, ProEM[™], PyLoN[™], and Quad-RO cameras as well as Acton Series spectrographs, including the popular LS785.

Princeton Instruments
www.princetoninstruments.com

Protochips Expands Its Distribution Network

Protochips, a company specializing in revolutionary products for *in situ* electron microscopy, today announced the domestic and international expansion of the distribution network for the Aduro[™] and Poseidon[™] product lines. The continued growth of the Protochips distribution network reflects increased demand as well as the corporate objective to deliver exceptional customer service. The most recent additions to the Protochips's distribution network include: Angstrom Scientific, JoeXray, and PicoScientific.

Protochips, Inc.
www.protochips.com

FEI and OHSU Partner to Create a "Living Lab for Cell Biology"

FEI and Oregon Health & Science University announced a partnership to create the OHSU/FEI Living Lab for Cell Biology that will provide researchers with microscopes to advance the understanding and treatment of complex diseases such as cancer and AIDS. The OHSU/FEI Living Lab will be equipped with a variety of high-performance equipment including a Titan Krios[™] transmission electron microscope and a Helios NanoLab[™] DualBeam[™].

FEI Company
www.fei.com

Nanounity and Topcon Announce Partnership



Nanounity announces that it has entered into an agreement with Topcon to distribute their Aquila Hybrid Scope in the U.S. The Aquila is a compact scanning electron microscope (SEM) combined with a light optical microscope, capable of microanalysis with energy dispersive spectroscopy (EDS) that brings the strength of all three techniques together in a compact design. The Aquila offers truly useful functionality, optical, SEM, and microanalysis, without the high cost normally associated with SEMs.

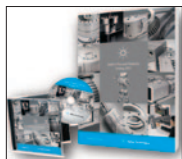
Nanounity
www.nanounity.com

Carl Zeiss MicroImaging Donates a Microscope to UMass Labs for the Worcester High School Program

Carl Zeiss MicroImaging announced that it donated a \$5,000 state-of-the-art microscope for use in the UMass Labs for the Worcester Area High Schools program, which allows advanced placement biology students from public high schools and technical schools in and around Worcester, Massachusetts, to visit and learn from scientists in UMass Medical School laboratories. The microscope includes a monitor that allows small groups of students to observe the specimen simultaneously.

Carl Zeiss MicroImaging, LLC
www.zeiss.com/micro

Agilent Technologies Publishes New Vacuum Products Catalog



Agilent Technologies Inc. announced publication of the latest edition of its Vacuum Products Catalog. This 520-page compendium features 3,850 products and accessories, plus application and technical notes. Agilent's Vacuum Products

Division serves customers in research and development, particle accelerators, mass spectrometry and other scientific instrumentation, nanotechnology, and industrial vacuum processes. Products include rough vacuum pumps, high vacuum pumps, ultra-high vacuum pumps, all-in-one pumping systems, vacuum measurement and control devices, and leak detectors.

Agilent Technologies Inc.
www.agilent.com/chem/vacuumcatalog

Omniprobe Joins Oxford Instruments

Omniprobe has been acquired by UK-based Oxford Instruments Group. Joining the Oxford Instruments NanoAnalysis division, the move will provide opportunities to expand product lines and develop new solutions for the nanoanalysis market. It will also enable Omniprobe to take advantage of Oxford Instruments's large sales and service network to offer our products to a wider group of customers. Omniprobe will continue to operate from Dallas, Texas, with the same committed team and products.

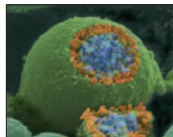
Omniprobe, Inc.
www.omniprobe.com

An Additional Patent Licensed for PAL-M Super-Resolution Technology

Carl Zeiss MicroImaging announces that the United States Patent and Trademark Office granted Dr. Eric Betzig and Dr. Harald Hess an additional patent for their invention of super-resolution localization microscopy. In 2007, Carl Zeiss received the exclusive rights to market this technology. U.S. Patent 7,864,314, published January 4, 2011, expands the patent protection to systems and methods using separation by photo-optical transformation of molecules between different energy states.

Carl Zeiss MicroImaging
www.zeiss.com/superresolution

Free Online Library of Cell Images Wins "The Labby"



The Cell: An Image Library, is an online library of cellular images freely available to biomedical researchers, educators, and the general public. It celebrated its one-year anniversary on August 9, 2011 by winning *The Scientist's* Readers' Choice Award for favorite website. The Cell has more than 3,000 searchable images and has attracted 65,000 visits from 157 countries. It was created by ASCB in collaboration with Glencoe Software and the Open Microscopy Environment.

The American Society for Cell Biology
www.cellimagelibrary.org

New cGMP Analytical Services Laboratory Helps Customers Ensure FDA Compliance



ASPEX Corporation is expanding its business opportunities and is now a provider of contract analytical services according to current Good Manufacturing Practices (cGMP) as outlined by the Food and Drug Administration. ASPEX's new Quality Management System is compliant with cGMP guidelines and enables pharmaceutical companies to design, improve, and validate their products and processes through ASPEX's unique blend of scanning electron and energy dispersive X-ray microscopy (SEM/EDX) hardware, software, and reporting technology.

ASPEX Corporation
www.aspex.com

Thermo Fisher Scientific Presents \$35,000 Distinguished Research Award

Thermo Fisher Scientific Inc. announced that it has presented Dr. Judit Villen of the University of Washington, Seattle, with the renowned American Society for Mass Spectrometry (ASMS) 2011 Research Award of \$35,000. Sponsored by Thermo Fisher Scientific for more than 20 years and administered by ASMS, the annual award recognizes and supports breakthrough academic research by young scientists in the field of mass spectrometry (MS).

Thermo Fisher Scientific Inc.
www.thermofisher.com

XEI Scientific, Inc. Celebrates 20 Years of Serving the Electron Microscopy

XEI Scientific Inc, manufacturers of more than 1,100 EVACTRON[®] De-Contaminator Plasma Cleaning Systems for electron microscopes and other vacuum chambers, celebrated 20 years in the service of the electron microscopy community with a full agenda at this year's Microscopy & Microanalysis event held in Nashville in August. M&M 2011 saw the successful launch of the Evactron CombiClean[™] System, an all-in-one plasma cleaning solution that simplifies the control and operation of multiple plasma radical sources.

XEI Scientific Inc
www.Evactron.com

Asylum Research Installs First Cypher[™] AFM in China



Asylum Research announced that it has installed the first Cypher AFM system in China at the South China Normal University in Guangzhou. Cypher, the world's fastest high-resolution AFM, was installed in the lab of Professor Xingsen Gao at the SCNU Institute for Advanced Materials by personnel from Asylum Research and Grapes Hangzhou Technology Co. Ltd, Asylum's representative in China. Professor Gao's group will use the Cypher system to investigate advanced piezoelectric, ferroelectric, and multiferroic materials.

Asylum Research Corp
www.AsylumResearch.com