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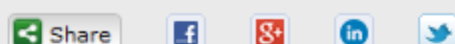
Thursday, June 4, 2015

## Fiber Microendoscope Could Reduce Unnecessary Biopsies



"In low-resource settings, pathology costs frequently exceed endoscopy costs," said Rice University professor Rebecca Richards-Kortum. "So the microendoscope could both improve patient outcomes and provide a significant cost-saving advantage if used in conjunction with a traditional endoscope."

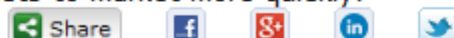
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## Merck Opens €7M OLED Application Center in South Korea

The OLED Application Center will be operated by Merck Ltd. Korea and is intended to help the company's displays industry customers bring products to market more quickly.

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## LumiThera Wins \$500K Grant to Develop PBM Devices for Treatment of Macular Degeneration

Photobiomodulation (PBM), also known as low-level light therapy (LLLT) uses visible or near-IR light to stimulate cellular function and healing. LumiThera said it is developing multiwavelength LED-based PBM devices for ophthalmological use.

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## Featured Products



### CMOS Flat X-Ray Detectors

**Teledyne Dalsa**  
Teledyne DALSA introduces four new high speed Xineos-HS detectors. The latest products complete the Xineos family of real-time, low dose CMOS flat X-ray detectors.

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### Streampix 6 DVR Software

**NorPix**  
Streampix 6 is a multiple camera capture software that supports over 200 different brands of scientific and machine vision cameras including GigE Vision, USB3, Camera Link.

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### High Resolution Lenses

**Universe Kogaku (America)**  
Universe Kogaku designs and manufactures high resolution lenses with locking focus to help maintain vision system calibration.

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### Precision Patterned Components

**Max Levy Autograph**  
Max Levy Autograph specializes in ultra-precision patterned components and 3-D structures for the photonic, biomedical, military, aerospace, semiconductor, and metrology industries.

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## More Articles on Photonics.com

### Coating Brings MEMS Flexibility to Laser Welding



A new protective coating for silicon mirrors based on microelectromechanical systems (MEMS) allows precision cutting and welding with high-power lasers.

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### European Projects to Develop Next-Generation CMOS Imagers

Both projects involve, from the Netherlands, Adimec Advanced Image Systems BV, Grass Valley Nederland BV and the Delft University of Technology, as well as Thales Angénieux SAS of France and SoftKinetic Sensors NV of Belgium.

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### OmniVision Profits, Revenues Dip in 2015

Net income for the fiscal year, which ended April 30, was \$93.4 million, or \$1.57 per diluted share. That's a decrease of 1.7 percent from \$95 million, or \$1.70 per diluted share, in fiscal 2014.

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This week on *Light Matters*:

**We bring you a special focus on light and medicine ahead of Photonics Media's digital conference on biophotonic imaging.**

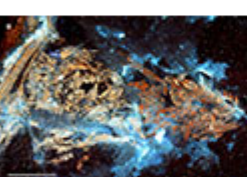
### Photek Licenses Arradance's Nanofilm Technology for Photodetectors

The technology, covered by 11 issued U.S. patents and several pending U.S. and international patents, is used in the production of photomultiplier tubes (PMTs) at several high-energy physics installations worldwide.

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### Laser Stimulation Reveals New Details in Fossils



The approach could help paleontologists identify microfossils in soil more quickly, and even detect fake or composite specimens, according to its developers at the University of Kansas and the Burke Museum of Natural History and Culture in Washington.

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### Cy-Laser Opens Detroit-Area Technology Center, Showroom

"Our near-term goal is to offer additional technical support for our fiber lasers already in the field, and to facilitate dealer demonstrations for prospective buyers," said Massimo Denipoti, president of the company's North American sales arm, Cy-Laser LLC.

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## WEBINAR

### Biophotonic Imaging for Medicine: A Digital Conference



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Thu, Jun 11, 2015 1:00 PM - 5:00 PM EDT

FREE WEBINAR

Researchers from around the world will present their latest work at "Biophotonic Imaging for Medicine: A Digital Conference." The online event will feature a series of 15- and 30-minute talks, each followed by a brief question-and-answer period.

Presentations will focus on a range of light-based imaging and microscopy techniques for diagnosing and assessing illness, and for studying other attributes and functions of biological tissue in a medical context. Topics include photoacoustics, adaptive optics, light-sheet microscopy, optical coherence tomography, spectroscopy for biomedical research and image-guided procedures.

## Industry Events

### Sensors Expo & Conference 2015 - June 9-11, 2015 · Long Beach Convention Center, Long Beach, Calif.



Photonics Media will chair an Optical Sensing & Detection education track on Thursday, June 11. The track will feature speakers on a range of optical sensing technologies including MEMS-based acoustic and optical sensors, fiber optic position sensors, 3-D optical deformation and strain measurement and more.

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## FEATURED VIDEO



### Laser Quantum – Innovation in CW and Ultrafast Photonics

Watch the Laser Quantum short film showing the breadth and range of products manufactured by Laser Quantum. With industry experts presenting: Discover the benefits of Laser Quantum's CW range; How Terahertz spectroscopy works in the HASSP; Applications of the unique GHz repetition rate of the taccor and the Shortest pulse commercially available in the venteon ultra.

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