

FOR IMMEDIATE RELEASE: March 6th, 2017

A breakthrough in chemical imaging technology expands pharmaceutical analysis capabilities while simplifying the workflow

San Diego, CA March 6th, 2017: Daylight Solutions announces the release of the Spero-QT infrared microscope at Pittcon 2017 in Chicago, IL.

The Spero-QT is the second generation of high-performance infrared chemical imaging microscopes offered by Daylight Solutions, the leading provider of quantum cascade lasers (QCL) and QCL-based analytical instruments. The Spero-QT shares the wide-field, high-resolution and real-time chemical imaging capabilities of its ground-breaking predecessor but can now produce twice the data in 1/10 of the time while achieving unprecedented signal-to-noise levels.

“I thought the first generation Spero microscope was a game changer. The Spero-QT is a whole new world.”

Prof. Cyril Petibois
University of Bordeaux



The Spero-QT's advanced capabilities are enabling new applications in pharmaceutical and biomedical research ranging from non-contact, video-rate tablet and powder API imaging to intra-operative label-free digital histopathology. The instrument footprint has also been reduced to 22.5 inches (57 cm), the stage travel increased to accommodate up to 3 slides and the sample compartment volume increased to accommodate a multitude of microfluidic devices and accessories. The Spero-QT requires no setup time or cryogenic cooling, enabling more time for analysis.

For more information on the Spero-QT microscope, come and visit us at Pittcon 2017 booth 1152 or please visit: <http://www.daylightsolutions.com/spero>

About Daylight Solutions

Daylight Solutions develops molecular detection and imaging systems for use in scientific research, life sciences, industrial process control, and defense applications. The company is the world leader in mid-infrared laser-based solutions, with a line of broadly tunable and fixed wavelength laser sources, sensors, and microscopes that utilize mid-infrared spectroscopy and imaging. Daylight Solutions is ISO 9001:2008 certified. www.daylightsolutions.com

The statements contained in this news release are not purely historical and contain forward looking information and statements. These include statements regarding the Company's expectations, intentions, or strategies regarding future matters. All forward-looking statements included in this press release are based on information available to the Company on the date released.

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