



MEDIA ADVISORY

April 7, 2026

Excelitas to Showcase X-Cite Fluorescence Illuminators and PCO Scientific Cameras for Life Science and Medical Imaging in Cancer Research

WHO: [Excelitas®](#), a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics sectors, will display its latest X-Cite® fluorescence illuminators and PCO® scientific cameras at the American Association for Cancer Research® (AACR) Annual Meeting 2026 (not affiliated with or endorsed by AACR).

WHAT: Excelitas experts will display the following products at booth #3758:

- [X-Cite Vitae vIRX Illumination Platform](#): Designed to allow streamlined OEM integration, the Vitae vIRX presents enhanced capabilities for high-precision medical illumination and diagnostic applications such as endoscopy and surgical visualization, as well as high-speed analytical applications including slide scanning and polymerase chain reaction (PCR). The fully customizable, multi-wavelength illumination platform enables high optical output with support for up to seven wavelengths including NIR. It easily replaces 180W or 300W Xenon sources while offering state of the art capabilities.
- [X-Cite TETREM™ LED Illumination System for Fluorescence Imaging](#): Engineered for simplicity, power and flexibility, TETREM delivers reliable excitation for the four most widely used fluorophores in microscopy. TETREM's compact, cost-effective design makes it an ideal choice for fluorescence microscopy laboratories performing live cell imaging or upgrading from a lamp-based system for routine applications. The unit is equipped with the all-new X-Cite smartDIAL™ controller, offering a modern user-friendly and sleek interface for precise and intuitive manual control.
- [pco.edge 4.2 bi USB sCMOS Camera](#): Ideal for demanding microscope methods, the pco.edge 4.2 bi sCMOS camera includes back-illuminated sensor technology with a quantum efficiency of up to 95% and a resolution of 2048 x 2048 pixels with a pixel size of 6.5 µm for the highest image quality. The compact camera's adjustable cooling system offers flexibility in the use of either air or water to cool the sensor down to -25 °C and reduce dark current to 0.2 e-/pixel/s for maximum imaging performance. The pco.edge 4.2 bi camera comes with an input window available for either UV or VIS wavelength ranges to suit application requirements.
- [pco.horizon 9.1 bi TDI CLHS Line Scan Camera](#): The pco.horizon 9.1 bi TDI CLHS Line Scan Camera features a 9K resolution and 256 TDI stages for ultra-precise inspection in medical imaging applications requiring exceptional sensitivity, resolution and image stability. Equipped with a temperature-stabilized, back-illuminated CMOS sensor and dual photosensitive bands, it delivers exceptional image quality and sensitivity at line rates up to 600 kHz. The Camera Link HS (CLHS) interface enables fast, reliable data transmission with simplified cabling, ensuring seamless integration into high-performance vision systems.

WHEN: April 19 – 22, 2026

WHERE: Excelitas Booth #3758, San Diego Convention Center San Diego, CA, USA

#

About Excelitas

Excelitas is a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of advanced technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence and connected devices (IoT).

Connect with Excelitas on [LinkedIn](#), [Facebook](#), [X](#) and [Instagram](#), or visit www.excelitas.com for more information.

Excelitas®, X-Cite® and PCO® are registered trademarks, and X-Cite TETREM™ and smartDIAL™ are trademarks of the Excelitas group of companies. All other products and services are either trademarks or registered trademarks of their respective owners.

Contacts:

Dan Brailer
Vice President Investor Relations and Communications
dan.brailer@excelitas.com
+1 (412) 977- 2605

Cheryl Reynhout or Jill Anderson
On Behalf of Excelitas
SVM Public Relations
excelitas@svmmarcom.com
+1 (401) 490-9700