



MEDIA ADVISORY

February 28, 2019

Excelitas Technologies® to Highlight X-Cite® Fluorescence Illumination Solutions for Microscopy at Biophysical Society 2019

WHO: [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, will showcase its broad offering of X-Cite® fluorescence illumination products for microscopy and debut its new white light LED light source at the [63rd Annual Meeting of the Biophysical Society](#). As the latest addition to the X-Cite product line, the new light source delivers more power to the sample plane than any of Excelitas' previous direct-coupled systems. It also leverages the latest LED industry advancements to improve output efficiency and maintain cost effectiveness – making it an ideal replacement for mercury sources in budget-constrained labs and clinical facilities.

WHAT: Additional products at Excelitas' Biophysical Society Booth #346 include:

- [X-Cite XYLIS](#): X-Cite XYLIS for fluorescence microscopy features Excelitas' patented LaserLED Hybrid Drive® and offers a rich, broad spectrum output from 360nm-770nm for exciting an extended range of fluorophores, with the advantages and simplicity of using LEDs. XYLIS' enhanced LED coverage from one end of the light spectrum to the other closely matches the output of a mercury arc lamp while eliminating any need for bulb replacement.
- [X-Cite TURBO with LaserLED Hybrid Drive](#): A solid-state illuminator for fluorescence excitation applications, X-Cite TURBO features six individually controllable wavelengths covering the UV and visible spectrum. X-Cite TURBO's patented LaserLED Hybrid Drive combines LED and laser phosphor illumination to efficiently generate powerful multi-wavelength solid-state light output in a compact form factor. It also provides researchers with the flexibility to add additional fluorophores for live or fixed cell imaging.
- [X-Cite 120Q Excitation Light Source](#): X-Cite 120Q uses a 120-watt lamp to deliver rich spectral excitation energy and uniform wide-field fluorescence microscope illumination to the sample plane. Its proprietary Intelli-Lamp® provides more than 2,000 hours of life, and is pre-aligned so changing it is a simple, one-step process. X-Cite 120Q is ideally suited for fluorescence microscopes being used in routine assays and as an excitation light source for use in multi-user facilities.

WHEN: March 3 – 5, 2019

WHERE: [Baltimore Convention Center](#), Baltimore, MD. Excelitas Booth #346.

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About Excelitas Technologies

Excelitas Technologies® Corp. is a global technology leader focused on delivering innovative,



high-performance, market-driven photonic solutions to meet the lighting, optronics, detection and optical technology needs of global customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products, semiconductor, industrial manufacturing, defense and aerospace sectors, Excelitas Technologies stands committed to enabling our customers' success in their end markets. Excelitas Technologies now has approximately 6,700 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

Excelitas®, X-Cite®, LaserLED Hybrid Drive® and Intelli-Lamp® are registered trademarks of Excelitas Technologies Corp. All other products and services are either trademarks or registered trademarks of their respective owners.

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