

# BIOPHOTONICS

BRINGING LIGHT TO THE LIFE SCIENCES®

## WEBINARS

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### **LED Lighting for Fluorescence Microscopy: A Sustainable Illumination Option**

**Tuesday, September 22, 2020 10:00 AM - 11:00 AM EDT**

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Presented by



### .: About This Webinar

Fluorescence imaging in life sciences and microscopy applications has traditionally used mercury, metal halide, and xenon arc lamps for illumination. With advances in technology, LEDs are now able to replace arc lamps. In addition to delivering enhanced image quality and cost savings, LEDs are mercury-free, thus reducing toxic waste.

This webinar will present the recent advancements in LED technology that have created an opportunity for LEDs to replace arc lamps for a variety of fluorescence imaging applications. Presenter Kavita Aswani, Ph.D., will address the development of high-power LEDs for the green excitation range, a wavelength that has traditionally been challenging for LEDs. She will also discuss the many advantages of using LEDs for microscopy systems in life sciences, including sustainability.

#### **About the presenter:**

Kavita Aswani, Ph.D., is the senior biomedical applications scientist for life sciences products at Excelitas Technologies. She holds a doctorate degree from the University of Iowa. Aswani has seven years of scientific research and 19 years of applications experience in the fluorescence microscopy field. She has authored several publications and has worked in the areas of wide-field and laser scanning microscopy and flow cytometry. She is an active member of the Society for Neuroscience and the Royal Microscopical Society.

#### **Who should attend:**

Scientists, researchers, laboratory technicians, clinicians, and others in the fields of biology, biotechnology, microbiology, and other areas of the life sciences who are using fluorescence across multiple wavelengths for microscopy and flow cytometry.

#### **About Excelitas Technologies Corp.**

Excelitas Technologies Corp. is a photonics technology leader focused on delivering innovative, high-performance, market-driven solutions to meet the lighting, optronics, detection, and optical technology needs of its OEM customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products, semiconductor, industrial manufacturing, defense, and aerospace sectors, Excelitas stands committed to enabling its customers' success in their end markets. The company's photonics team consists of 7000 professionals working across North America, Europe, and Asia to serve customers worldwide.



### .: Mark Your Calendar

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