

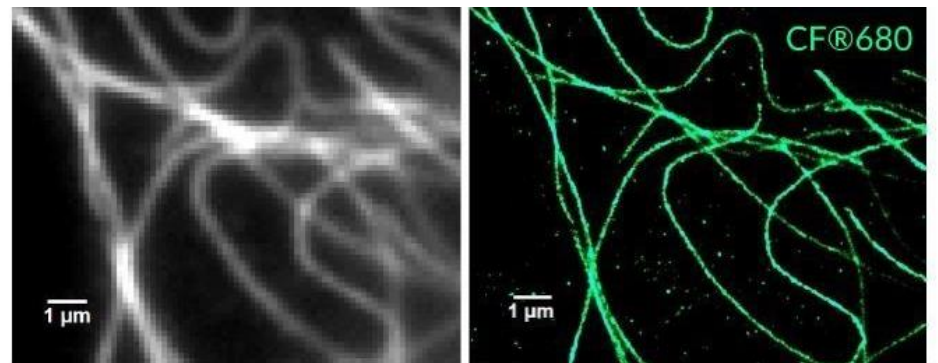
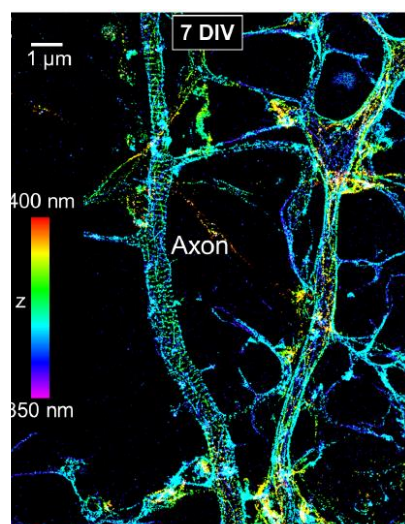
*The Orbeli Physiology Institute invites you to the  
2022 Advanced Bioimaging Seminar series*

## ***Super-resolution fluorescence imaging of cellular structures***

**Thursday October 27<sup>th</sup> 2022, 5pm**  
Orbeli Physiology Institute Conference room  
Yerevan, 22 Orbeli Brothers street

### ***Gregory Melikian, PhD***

*Professor of Pediatrics  
Emory University School of Medicine  
Emory University, USA*



**Super-resolution fluorescence imaging** uses several technological advances to improve the spatial resolution of optical microscopy and visualize cellular structures that have been off-limits for conventional diffraction-limited microscopy. This seminar will go over a few super-resolution techniques, including STED and STORM, explain their principles, and discuss how these powerful approaches provide unprecedented insights into cellular structures and functions. ■

The webinar will be in English, is free and open to the public  
Refreshments will be served