

OLYMPUS®

Your Vision, Our Future

Inverted Research Microscope

TIRF

IXplore

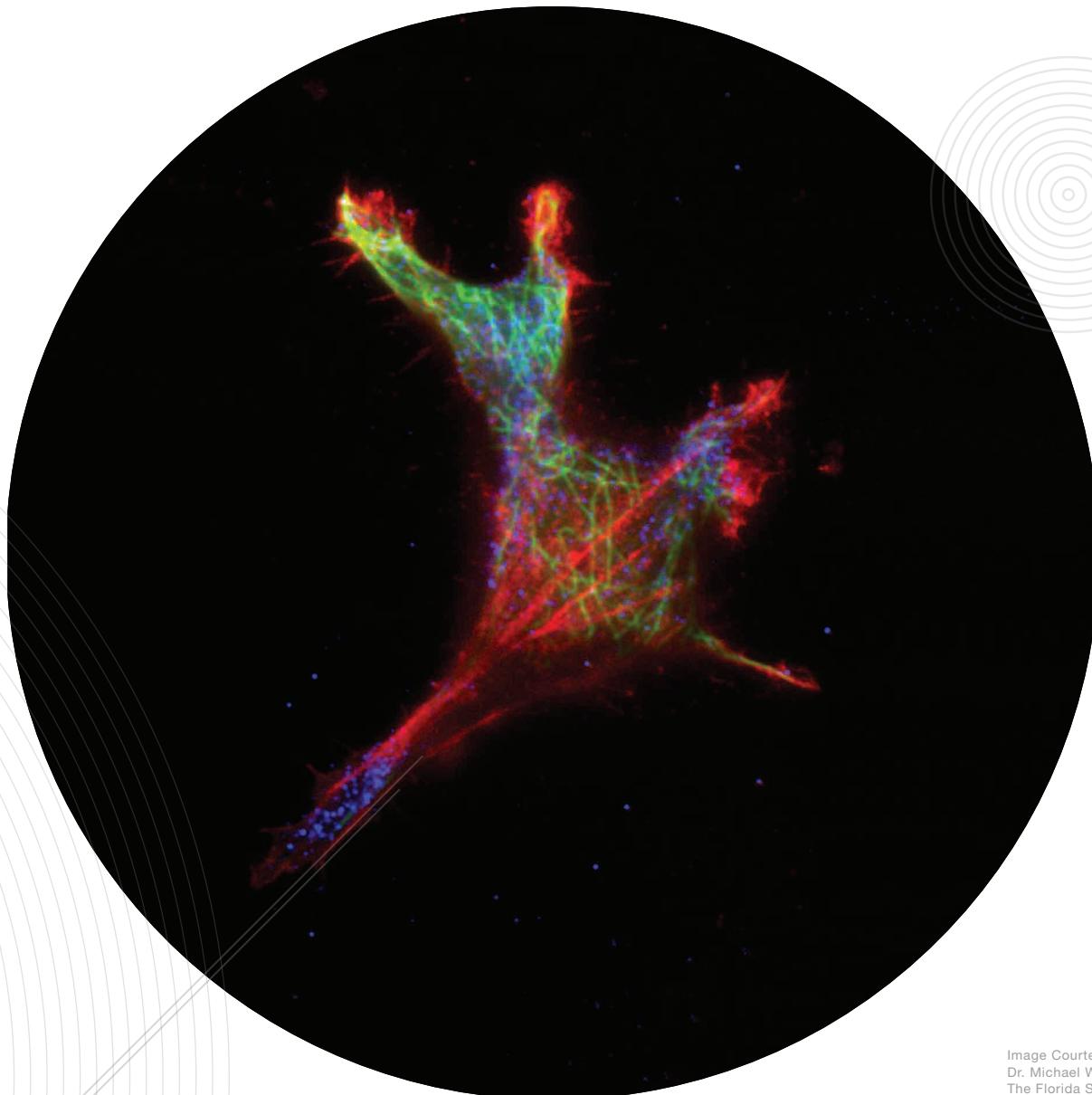


Image Courtesy of
Dr. Michael W. Davidson
The Florida State University.

EXCELLENT MULTI-COLOR TIRF IMAGING

Designed for membrane dynamics, single molecule detection, and co-localization experiments, the IXplore TIRF microscope system offers simultaneous multi-color TIRF imaging for up to 4 colors with high stability.

www.olympus-lifescience.com/ixplore-tirf

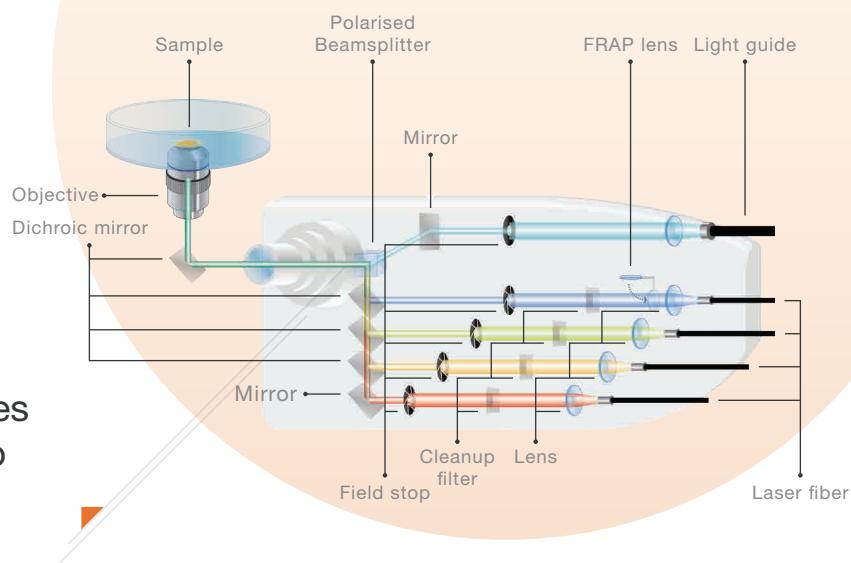


IXplore TIRF

Microscope System
Excellent multi-color
TIRF imaging

SIMULTANEOUS MULTI-COLOR TIRF

The Olympus celITIRF system provides true simultaneous acquisition of up to four wavelengths.



TIRF OBJECTIVES

Olympus' high NA objectives provide excellent resolution for demanding TIRF applications.

► IMAGING STABILITY

The square frame architecture and focus drive design of the IX83 system enhance rigidity and reduce the impact of vibration and temperature. This design, combined with the Olympus IX3-SSU ultrasonic stage and Z-drift compensator, facilitates reliable time-lapse and multipoint imaging by maintaining the desired position along X, Y, and Z axes.



cellFRAP.



► PRECISE AND INTUITIVE PHOTOMANIPULATION

Optional Peripherals

The Olympus cellFRAP photomanipulation device and real-time controllers enable accurate temporal control and diffraction-limited stimulation with a flexible region of interest.

Your Science Matters™

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- OLYMPUS CORPORATION is ISO14001 certified.
- OLYMPUS CORPORATION is ISO9001 certified.
- Illumination devices for microscope have suggested lifetimes. Periodic inspections are required. Please visit our website for details.

• All company and product names are registered trademarks and/or trademarks of their respective owners.
• Images on the PC monitors are simulated.
• Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.

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