

A new spin on TIRF microscopy - Nikon integrates the iLas-2

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Abstract

The iLas2 is a unique multimodal device able to achieve azimuthal/ring TIRF and FRAP. Its ring TIRF offers unmatched uniformity in TIRF and HILO microscopy over conventional TIRF illumination. Furthermore independent critical angles can be achieved for different wavelengths for optimal sample penetration depths at any color. The iLas2 is compatible with Nikon's flagship Ti2-E inverted microscope and its advanced high NA TIRF objectives. It is also fully integrated into Nikon's powerful NIS-Elements software; for seamless multimodal acquisitions and fine control over all your current and future TIRF and FRAP needs.

