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Multi-Modal Imaging and Analysis: Combining Enhanced Darkfield Hyperspectral Microscopy with Confocal Raman Microscopy

Enhanced Darkfield Hyperspectral Microscopy is the preferred imaging and spectral analysis tool for nano-scale biological and materials science applications. This powerful technique offers rapid visualization, characterization, and mapping of nano-scale entities, as small as 10-20 nm, in a wide range of translucent samples. Combining this technique with the powerful quantitative analysis offered by confocal Raman provides researchers with a tool of unequalled imaging and spectral analysis capabilities on a single microscope platform.