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Multi-Wavelength Laser Sources for Multi-Color Fluorescence Microscopy

Multi-color fluorescence microscopy is a widely used technique to generate multi-spectral images of cells and other small objects for identifying the spatial distribution of molecules of interest in complex heterogeneous samples. In this article, we explore the history of fluorescence microscopy, with a heavy emphasis on the role of the importance of utilizing multiple fluorophores (tags) in the same measurement. This article will further go on to explain how to alleviate the challenges of integrating multiple lasers into a single microscope.

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Multi-Wavelength
Laser Sources for
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Robert V. Chimenti



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