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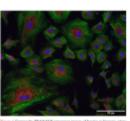
#### TECHNICAL NOT

Fluorescence Microscopy with the FSS Spectrofluorometer



#### Introduction

Filtersaction introduced in the state of the



erobifold (EPS) alls supired using the ESS Specialises rate of reconsequenties.

Removement missessepp variable destable double intages file that of boulting some parties produced of DPAC double shown in Figure 1. BPAC colds contain any present in monthing content (NCD), which is a valid component in the inegulation of blood presence by constraining and distrary blood vessels. In the BPAC cample, the different cold components have been tabulated with variable colds of further cold components have been tabulated with variable colds of the distract of the distract of the distract of the distract of BPAC above, along with emission spectra and fifterine designs, can the ensystem larger larger file for instantant PDC Spectrofluorometer with the microscope addon.

#### E-----

The temple investigated was FlucCells\* Proposed Side of how larkegoint which contains boxine pulmonary artay enabled (BMC) cells. The BMC cells are saired with a combination of Bureacout dyna, such magning a specific souther in the cell MiniTudent\* Real CMMPs, is used to plus given enabled to introducedia, Alex Bureach 250 philosophic or give given enabled to the Bureachus Facting remotils, and blue entiring BMC to label the nuclei.



All measurements were acquired using an Edinburgh Insurance ITSS Specical accesses coupled to a Niko NAI Unright Planescene Monerope. The PSS was littled early has 5000 logical by Califor Lander and the excitation and extinate light near coupled to and from the rescoope using liquid light galable. The Shot compagned with a 155M Koren lamp for standy-arts excitator. There Correlated Single Planes Country (ICSSP) blooms decreases, and a PMF-798 detector. The microscope was coupped with a CMUS detector. The microscope was compared to the couple and the couple of the co

# Spectrofluorometer Add-on for Widefield Fluorescence Microscopy

Fluorescence microscopy is an imaging technique that uses fluorescence, either by intrinsic emission or artificially added fluorophores, to provide contrast to microscope images. This technical note shows how fluorescence images along with emission spectra and lifetime decays, can be acquired using a Spectrofluorometer with the microscope add-on.

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