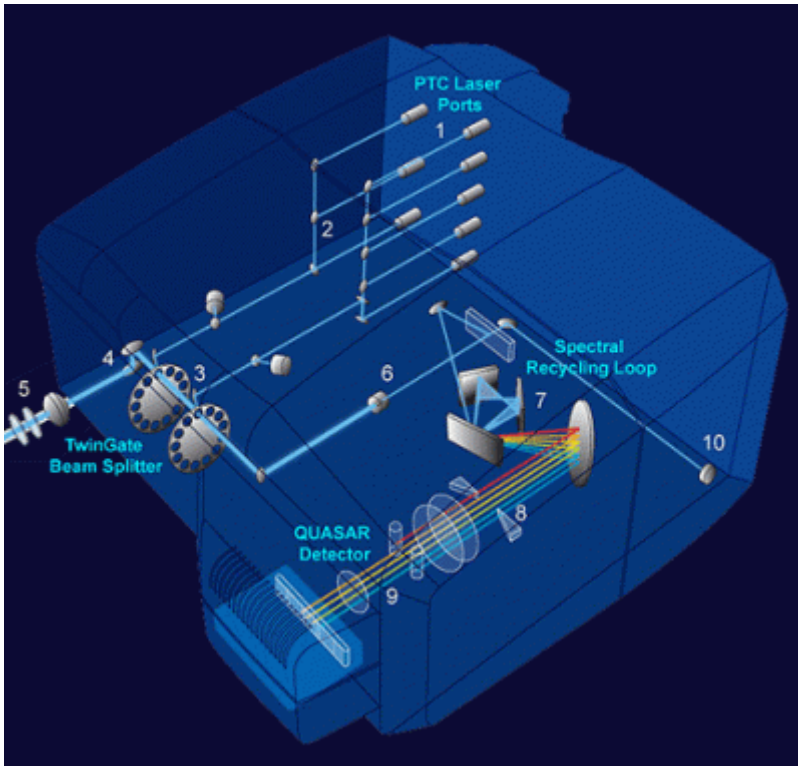


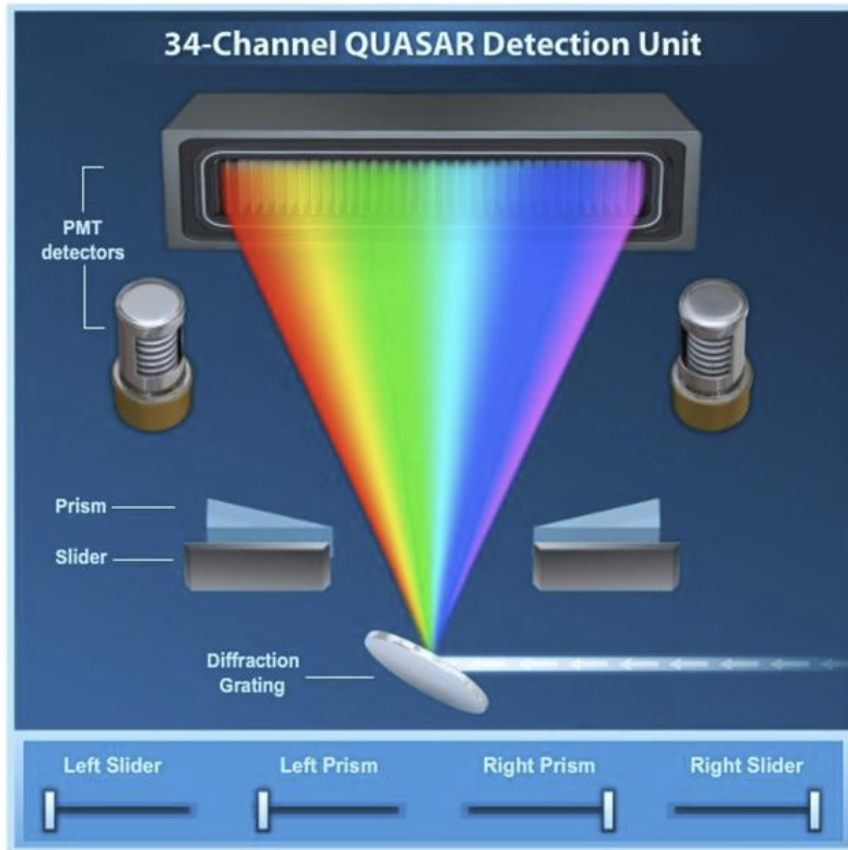
# IGB Core Instruments Zeiss LSM 710

## Light Path



<https://www.gu.se/en/core-facilities/lsm-710-nlo>

# Zeiss 710 spectral system



<http://zeiss-campus.magnet.fsu.edu/tutorials/spectralimaging/quasar34ch/index.html>

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Slide 23 t:/powerpnt/course/524lect4.ppt

## Lambda Stack with Cyan, Green, and Yellow Fluorescent Proteins

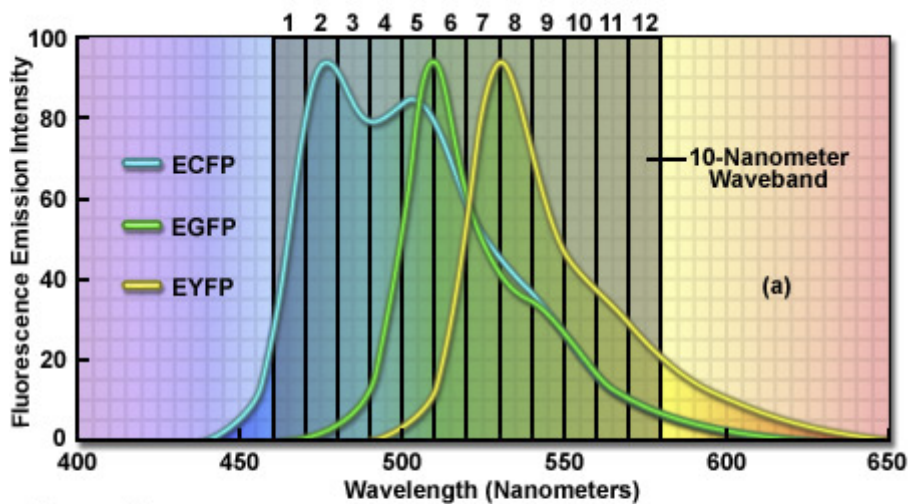
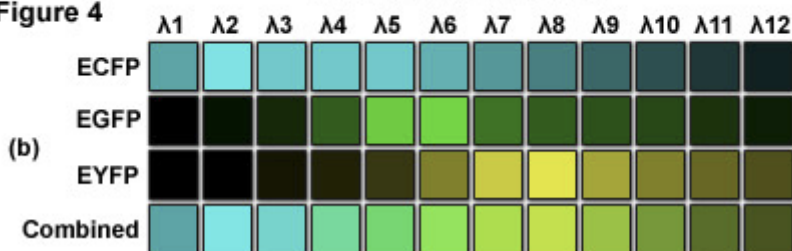


Figure 4



Seven visible excitation lines: 405nm, 458nm, 488nm, 514nm, 561nm, 594nm, 633nm.

Tisaphire laser 700nm to 980nm

Spectral Unmixing <http://zeiss-campus.magnet.fsu.edu/articles/spectralimaging/introduction.html>

Multiphoton Microscopy <http://zeiss-campus.magnet.fsu.edu/referencelibrary/multiphoton.html>

Fluorescence Lifetime Imaging Microscopy (FLIM)  
<http://www.iss.com/microscopy/components/FastFLIM.html>

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