

Filter cube design

Excitation, dichroic, emission filters

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Multichannel imaging

Multiple fluorophores simultaneously

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Multiple fluorophores simultaneously

Autofluorescence

Background from endogenous molecules

Autofluorescence

Background from endogenous molecules

Phototoxicity
Cell damage from light exposure

Phototoxicity
Cell damage from light exposure

Live cell considerations

Environmental control requirements

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Environmental control requirements

