

## N°55: Confocal microscopy : reconstituting living sample in 3D

Teachers:

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During this practical we are going to master 3D confocal microscopy which enable its users to reconstruct the 3D architecture of living samples with multi-color imaging. The goal of the practical is to get rapidly familiar with the principle of confocal theory behind the technique and then to rapidly manipulate a 3D confocal microscope by imaging eukaryotic cells with pre-defined architectures. With an easy accessible format one of the goal of this practical is to rapidly give autonomy to the users.