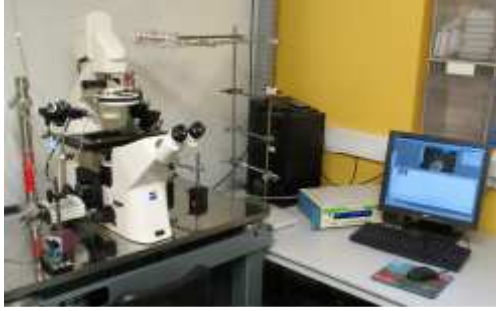


## *Dynamic imaging*



It is operated on a station composed of a Zeiss Axiovert 200 microscope, a fast wavelength changing system (Sutter Lambda DG-4), a wheel of filters (Sutter Lambda 10-2) and a camera (Roper CoolSnap ARE). The whole system, piloted by the MetaFluor software (Universal Imaging), allows the recording of several neurons at the same time with a frequency of 3-4 images per second. The combination of the Lambda DG-4 and the Lambda 10-2 is highly versatile and can be used with a large variety of fluorescent markers. Noticeably, simultaneous measures of calcium and pH with the detection of GFP- or TrueBlue-labelled neurons in primary culture or in slices are possible.