

IRTG Advanced Method Course (January 2016):

Spinning Disk Confocal Microscopy

Spinning Disk Confocal Microscopy (SDCM) presents a state of the art technology that enables fast and high resolution imaging of leukocyte trafficking *in vitro* and *in vivo*. The aims of the basic principles seminar are to provide the students with the theoretical background and to give an overview of applications that can be combined with this technology in order to address specific scientific questions. During the advanced methods course (AMC) we will perform qualitative and quantitative 4-dimensional analysis of imaging data using selected samples.

Note:

Students are welcome to prepare their own samples to be imaged and analyzed by SDCM. The AMC will take place with two separate groups and the amount of participants is limited (5 students max).

Reference:

<http://http://zeiss-campus.magnet.fsu.edu/articles/spinningdisk>