

Cellular Imaging Courses: Light, basic, advanced

Organisation: UMCG/ Dept. Cell Biology/ Giepmans lab

Cellular Imaging Light – Introduction in microscopy for bioimaging. Topics include light, fluorescence, electron microscopy, probes & labelling strategies – with a brief mention of F-techniques- and image analysis. All lectures are by local staff, a tour of the UMCG Microscopy and Imaging Center is included.

Target group: Technicians, PhD students, Post-docs, students doing internships

Number of participants: 24

When: November 18 & 21 2014 (FULL)

Credits: 1 ECT (includes examination)

Cellular Imaging Advanced – Microscopy for bioimaging, including hands-on demonstrations in the first week. Topics include light, fluorescence, electron microscopy, probes & labelling strategies, super resolution microscopy, FRET, FLIM, FRAP, FLIP and image analysis. Lectures and demonstrations are by local staff and national experts, emphasis is on hands-on experience in demonstrations. In week 2 and 3 (inter)national experts will present implementation of bioimaging in scientific research during seminars and master classes. The focus in these weeks on the participants on projects: You will implement Cellular Imaging hands on in *your* PhD project.

Target group: PhD students with a “light certificate” (see above)

Maximum participants: 12

When: 2 – 20 March 2015 (3 weeks)

Credits: 4 ECT

How to apply?

Contact Greetje Noppert:

g.noppert@umcg.nl

www.cellbiology.nl