Cellular Imaging Courses
UMCG/ Dept. Cell Biology & UMIC

**Cellular Imaging Light** – Introduction in microscopy. 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 UMIC is included.

**Target group:**
Technicians, PhD students, Post-docs, internship students

**Number of participants:**
20

**When (if 20 participants):**
13th + 14th of November 2018; May 2019 (exact dates tba)

**Costs:**
100 EU from GSMS course budget. GSMS form which we will send you should NOT be sent to GSMS but to email below. Will be sent by us to GSMS after the course.

**Credits:**
1 ECT (includes examination)

**Cellular Imaging Advanced** – Topics are centered on advanced fluorescence & electron microscopy and probes & labelling strategies, including super resolution, FRET, FRAP, CLEM, ColorEM and image analysis. (Inter)national experts will present implementation of bioimaging in research. In week2 you will implement Cellular Imaging hands-on in your project. Note that, as opposed to previous editions, this is a full-day extensive program.

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

**Maximum participants:**
12

**When:**
8th of February – 8th of March 2019

**Costs non GSMS students:**
1000 EU

**Costs GSMS students:**
500 EU from GSMS course budget. GSMS form which we will send you should NOT be sent to GSMS but to email below. Will be sent by us to GSMS after the course.

**Credits:**
4 ECT

Location: UMCG/UMIC
How to apply? Contact Greetje Noppert via g.noppert@umcg.nl or cellbiology.umcg.nl.