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): Annually in fall and spring *(dates TBA when 20 students subscribe)*
Costs: 50 EU (for GSMS PhD’ students: from GSMS course budget. Form will be provided when applying for this course. Form should NOT be sent to GSMS but to us)
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: 2023 *(dates tba)*
Costs non GSMS students: 1000 EU
Costs GSMS students 500 EU from GSMS course budget *(GSMS form should NOT be sent to GSMS but to us.)*
Credits: 4 ECT

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