

# CELLULAR IMAGING

## Cellular Imaging Courses

UMCG/ BSCS & UMCG/ 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:	tba
When (if 20 participants):	<i>tba</i>
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:	2024 (March/April)
Costs non GSMS students:	1000 EU
Costs GSMS students	500 EU from GSMS course budget (GSMS form should <u>NOT</u> be sent to GSMS but to us.
Credits:	4 ECT

Location: UMCG/UMIC

How to apply? Contact Greetje Noppert via [g.noppert@umcg.nl](mailto:g.noppert@umcg.nl)