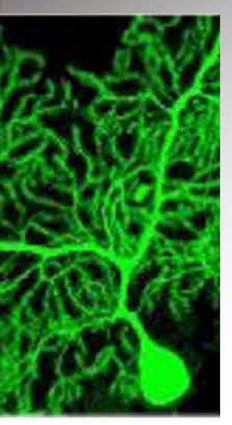
CELLULAR IMAGING

March 2018

Seminar Series and Workshops accompanying the PhD Course

Crucial to understand (patho)-physiology is to know how, where, when and why cells and biomolecules interact. Continuous development of microscopic techniques allows to better understand the molecular regulation of life at the nanoscale. This year the ***Nobelprize in chemistry 2017*** will be explained, and further emphasis is on ***high throughput*** and ***high content*** microscopy and ***analysis*** tools.



Thursday, March 1

12.00 – 13.00

UMIC, 3215-6th floor

Erik Meijering, ErasmusMC

Microscopic image analysis

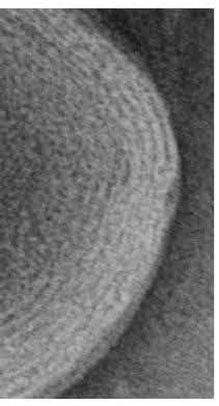
Friday, March 2

09.00 – 10.30
11:00 – 13:00
3216.0062

Georgia Golfis, Bitplane, Oxford Instruments

Imaris to interactively analyze micrographs

Workshop for users; register via k.a.sjollema@umcg.nl



Tuesday, March 6

12.00 – 13.00

UMIC, 3215-6th

Raimond Ravelli, Maastricht UMC

Cryo-EM: The 2017 Nobelprize in chemistry explained

Wednesday, March 7

12.00 – 13.00

UMIC, 3215-6th

Jacob Hoogenboom, TU Delft

Adding color to electron micrographes

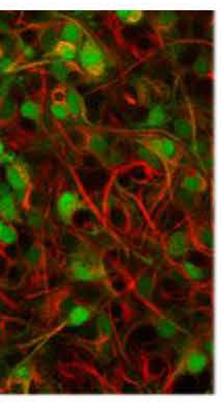
Thursday, March 8

12.00 – 13.00

UMIC, 3215-6th

Chris Guerin, Vlaams Instituut voor Biotechnologie

The world is round and so are cells:
bringing the 3rd dimension to EM



Friday, March 9

12.00 – 13.00
UMIC, 3215-6th

Sylvia Le Dévédec, Leiden University

High-content screening for drug discovery and safety

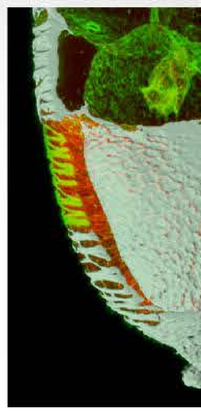
Monday, March 12

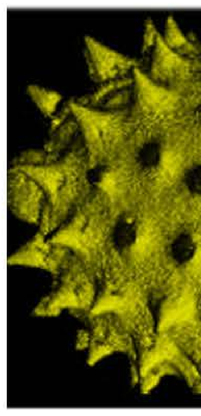
14.00 – 16.30

UMIC, 3215-6th

Course participants

Mini-symposium of the participants' projects





umcg

Nikon

ZEISS

GSMS The Graduate School of Medical Sciences

UMIC UMCG Microscopy & Imaging Center

Dept. Cell Biology & UMIC; UMCG, Deusinglaan 1, Groningen
Host: Ben Giepmans; info: www.cellbiology.nl; contact: Greetje Noppert (g.noppert@umcg.nl)