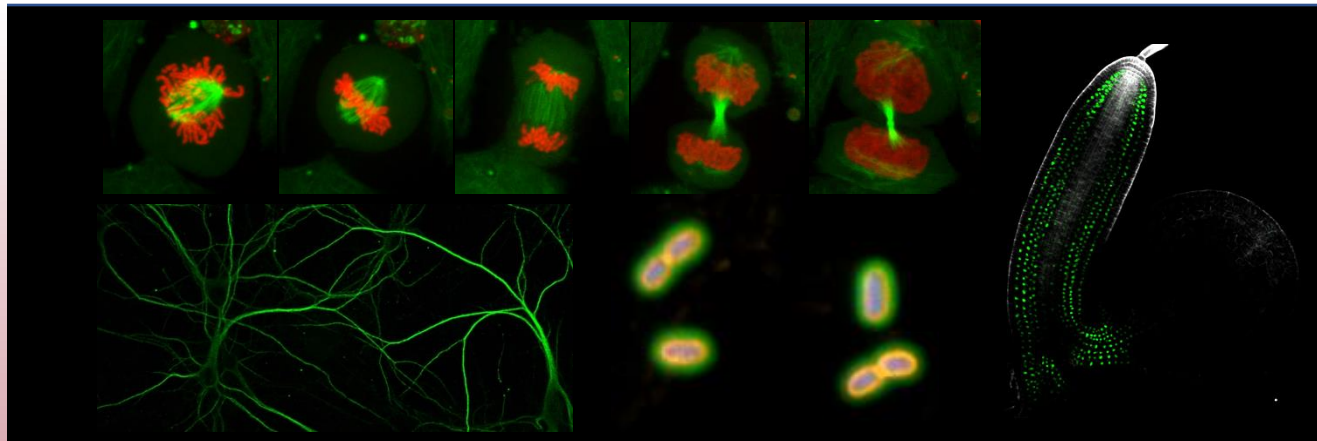




Time-lapse microscopy to visualize biological processes in live cells 27-28 October 2025 - Theoretical-practical course

Giulia Guarguaglini, Patrizia Lavia, Lia Asteriti
CNR-IBPM laboratories - c/o BBCD Department, via degli Apuli site

Theoretical session

27/10/2025, 9:30-13:00

Aula Franco Tatò (Via dei Sardi 70, II floor)

9:30 Giulia Guarguaglini, CNR-IBPM

Introduction to the course

9:40 Pietro Cirigliano, Nikon Europe BV

Tailoring microscopy options to biological investigations: live imaging applications

10:20 Federica Polverino/Ludovica Altieri, CNR-IBPM

Visualization of dynamic processes in mammalian cells

- Cell division in space and time
- Time-resolved analysis of neurodifferentiation

11:00 Break

11:20 Emanuele Roscioli, Fondazione Toscana Life Sciences

High-content and live bacterial imaging for antibody-drug discovery

12:00 Raffaele Dello Ioio, Dept of Biology and Biotechnology, Sapienza University of Rome

Imaging Plants: Tips and Tricks for Tracking Organ Growth

Practical session. Via degli Apuli 4, microscopy lab - II floor

Imaging live cells on the microscope

For space and safety reasons hands-on participation will be limited to 4 groups of 3 students

27/10/2025, 15:00-17:00 - Group 1

28/10/2025, 9:30-11:30 - Group 2

28/10/2025, 11:30-13:30 - Group 3

28/10/2025, 15:00-17:00 - Group 4

