



Horizon Europe MSCA 2021 – Doctoral Network CohesiNet

Hands-on Training Course (10 - 12 February 2026)

“Bioimaging and fluorescence microscopy techniques”

Center for Integrative Biology (CBI) – CNRS, Toulouse (France)

Tuesday 10 February

14:00 - 17:00

General microscopy course

Thomas Mangeat and **Sylvain Cantaloube** (CBI – CNRS, Toulouse, France)

“Overview of super-resolution microscopy techniques”

Wednesday 11 (09:30 – 17:00) - Thursday 12 February (09:30 – 12:00)

Each fellow attended 3 practical microscopy and image analysis sessions among the 4 following options:

- “SMLM: Single Molecule Localization Microscopy”
Instructor: **Sylvain Cantaloube** (CBI – CNRS, Toulouse, France)
- “Introduction to QuPath: image segmentation and analysis”
Instructor: **Brice Ronsin** (CBI – CNRS, Toulouse, France)
- “SIM/RIM/pRIM imaging”
Instructor: **Thomas Mangeat** (CBI – CNRS, Toulouse, France)
- “Optical tweezers”
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