ARBRE-MOBIEU / INSTRUCT TRAINING SCHOOL
QUALITY CONTROL OF SAMPLES FOR STRUCTURAL
BIOLOGY

Sample preparation and optimization
Towards biophysical characterization
and integrative structural studies

A One week course from the 14.10.2019 to the 18.10.2019

Plateforme de Biophysique Moléculaire– Institut Pasteur
25, rue du Dr Roux, 75015 Paris

The course will provide:

Theoretical experience (16 H)
Practical experience (10 H)
on sample quality assessment and
sample optimization

The course will cover:

Soluble protein purification
Membrane protein purification
Protein complex purification
Capillary Electrophoresis

UV Spectroscopy
Dynamic light scattering
Taylor dispersion
SEC-Static light scattering
DSF Thermofluor/nanoDSF
Cryo-EM
Structural NMR
Crystallisation
Analytical ultracentrifugation
SAXS
SRCD
HDX mass spectrometry

More information
Registration and contacts

https://qc4struc.sciencesconf.org
qc4struc@sciencesconf.org

With the participation of

Centre de Ressources et Recherches Technologiques

COST action CA15126