

Technologies offered by EUBI-IT

Technologies offered at ALM node of EUBI-IT

Deconvolution widefield microscopy (DWM)
Laser scanning confocal microscopy (LSCM/CLSM)
Spinning disk confocal microscopy (SDCM)
Structured illumination microscopy (SIM)*
Two-photon microscopy (2P)
Image Scanning microscopy (ISM)
Total internal reflection fluorescence microscopy (TIRF)
Single Molecule localisation microscopy (SMLM)
Stimulated emission depletion microscopy (STED)
4PI
Light-sheet mesoscopic imaging (SPIM or dSLSM)
Raman Spectroscopy (RS)
Second/Third Harmonics Generation (SHG/THG)
High throughput microscopy/high content screening (HTM/HCS)
Fluorescence (cross)-correlation spectroscopy (FCS/FCCS)
Voltage/pH/Ion Imaging *
Fluorescence Resonance Energy Transfer (FRET)
Fluorescence Recovery After Photobleaching (FRAP)
Fluorescence Lifetime Imaging Microscopy (FLIM)
Expansion Microscopy *
Tissue Clearing (TC)*
TEM of chemical fixed samples (TEM)
EM tomography
serial section TEM
FIB-SEM
Pre-embedding immunolabelling (pre-embed IL)
Pre-embed CLEM
Atomic Force Microscopy (AFM)*
Mass spectrometry-based imaging* (MSI)

Technologies offered at DIMP-NEUROMED node of EUBI-IT

micro-MRI/MRS ($\geq 7T$)
micro-CT
in vivo Optical Imaging
micro-PET/CT
population imaging (PI)
micro-MRI/MRS ($\geq 7T$) - ex-vivo
micro-CT - ex-vivo
Image Analysis-med

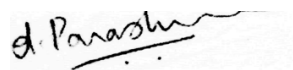
Technologies offered at MMMI node of EUBI-IT

micro-MRI/MRS ($\geq 7T$)
micro-MRI/MRS ($< 7T$)
micro-CT
micro-PET

micro-US
in vivo Optical Imaging
Photoacoustic Imaging (PAI) - med
micro-PET/MRI
MRI/MRS ($< 7T$)
micro-SPECT/CT
MRI-PET
PET
Terahertz Plant Imaging (THzI)
PET/CT
micro-MRI/MRS ($\geq 7T$) - ex-vivo
micro-MRI/MRS ($< 7T$) - ex-vivo
micro-CT - ex-vivo
Image Analysis-med

Technologies offered at PCI node of EUBI-IT

Phase Contrast Imaging



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