

Euro-BiolMaging: available imaging technologies – for more information please refer to our website: <https://www.eurobioimaging-access.eu/service>

Category	Subcategory	#	Name of technology	Technology under proof-of concepts for service provision
Light Microscopy	Fluorescence Microscopy	1	Deconvolution widefield microscopy (DWM)	
		2	Increased resolution confocal microscopy/ Image Scanning microscopy (ISM)	
		3	Laser scanning confocal microscopy (LSCM/CLSM)	
		4	Objective-coupled planar illumination (OCPI)	
		5	Spinning disk confocal microscopy (SDCM)	
		6	Structured illumination microscopy (SIM)	
		7	Total internal reflection fluorescence microscopy (TIRF)	
		8	Two-photon microscopy (2P)	
		9	*Cryo Fluorescence Microscopy (cryoFM)	X
		10	*Lattice Lightsheet (LLS)	X
		11	*Random Illumination Microscopy (RIM)	X
	Fluorescence Nanoscopy	12	4PI	
		13	Single Molecule localisation microscopy (SMLM)	
		14	Stimulated emission depletion microscopy (STED)	
		15	Reversible optical fluorescence transitions (RESOLFT)	
		16	*Minimal Photon Fluxes Microscopy (MINFLUX)	X
		17	*Single Particle Tracking	X
		18	*Super-resolution radial fluctuations (SRRF)	X
	Mesoscopic Imaging	19	Light-sheet mesoscopic imaging (SPIM or dSLSM)	
		20	Optical projection tomography (OPT)	
		21	Photoacoustic imaging (PAI) - bio	
		22	HREM / Macro Serial Block face Fluorescence imaging (S-BFI)	X
	Label-free Imaging	23	Fourier transform infrared imaging (FTIR)	
		24	Polarization microscopy (PM)	
		25	Quantitative Phase Imaging (QPI)	

Category	Subcategory	#	Name of technology	Technology under proof-of concepts for service provision
		26	Raman Spectroscopy (RS)	
		27	Second/Third Harmonic Generation	
		28	*Coherent Anti-Stokes Raman Scattering microscopy (CARS)	X
		29	*Stimulated Raman Scattering (SRS)	X
	Functional Imaging and specialised methodologies	30	Anisotropy/Polarization Microscopy (AM)	
		31	Fluorescence (cross)-correlation spectroscopy (FCS/FCCS)	
		32	Fluorescence Lifetime Imaging (FLIM)	
		33	Fluorescence Recovery after Photobleaching (FRAP)	
		34	Fluorescence Resonance Energy Transfer (FRET)	
		35	High throughput microscopy/high content screening (HTM/HCS)	
		36	Imaging at Biosafety Level >1 (BSL>1)	
		37	Intravital Microscopy (IVM)	
		38	Photomanipulation (Pmanip)	
		39	*Brillouin	X
		40	*Expansion Microscopy (ExM)	X
		41	*Feedback microscopy (FDBKM)	X
		42	*High-speed Imaging (HSI)	X
		43	*Imaging Flow Cytometry	X
		44	*Imaging for plant phenotyping (PHENO)	X
		45	*Microdissection (μ Dis)	X
		46	*Multiplexing imaging (MXI)	X
		47	*Phosphorescence Lifetime imaging*(PLIM)	X
		48	*Tissue Clearing (TC)	X
		49	Single molecule FRET (smFRET)	
		50	*Spatial Transcriptomics (ST)	X
		51	*Voltage / pH/ Ion Imaging (II)	X

Category	Subcategory	#	Name of technology	Technology under proof-of concepts for service provision
Electron Microscopy	Ultrastructural analysis in 2D	52	Large scale EM (IsTEM)	
		53	TEM of chemical fixed samples (TEM)	
		54	*TEM of cryo-immobilized samples (cryoTEM)	X
		55	*TEM of immobilized particles (TEM negative staining)	X
	Ultrastructural analysis in 3D (volume EM)	56	EM tomography (ET)	
		57	serial section TEM (ssTEM)	
		58	Serial Blockface SEM (SBF-SEM)	
		59	Focussed Ion beam SEM (FIB-SEM)	
		60	STEM tomography (STEM)	
		61	Array tomography (AT)	
	Ultrastructural localization of molecules	62	Immuno-gold EM on thawed cryo-sections (Tokuyasu-EM)	
		63	Immuno-gold EM on resin sections (resin-EM)	
		64	pre-embedding immunolabelling (pre-embed IL)	
		65	Genetic encoded EM probes (GE probes)	
		66	pre-embed Correlative Light and Electron Microscopy (pre-embed CLEM)	
		67	post-embed Correlative Light and Electron Microscopy (post-embed CLEM)	
		68	Immunolabeling on immobilized particles (TEM negative staining + immunolocalization)	
	Cryo Electron Microscopy	69	*Cryo Electron Tomography (CryoET)	X
		70	*Cryo Transmission Electron Microscopy (Cryo-TEM)	X
		71	*Cryo Scanning Electron Microscopy (Cryo-SEM)	X
		72	*Cryo Focussed Ion beam (Cryo-FIB)	X
	Scanning Electron Microscopy	73	Scanning Electron Microscopy (SEM)	
		74	*Elemental analysis (EDX)	X

Category	Subcategory	#	Name of technology	Technology under proof-of concepts for service provision
Multimodal Correlative Microscopy	Correlative Light Microscopy and Electron Microscopy	75	pre-embedding CLEM (pre-emb CLEM)	
		76	post-embedding CLEM (post-emb CLEM)	
		77	*Cryo Correlative Light and Electron Microscopy (Cryo-CLEM)	X
		78	*3D Correlative Light and Electron Microscopy (3D-CLEM)	X
		79	*Elemental analysis Correlative Light and Electron Microscopy (EDX-CLEM)	X
		80	Correlative Array Tomography (CAT)	
	Live-cell imaging and Electron Microscopy	81	live-cell CLEM	
	X-ray Imaging and Electron Microscopy	82	*Correlative X-ray and EM (CXEM)	X
Animal and plant imaging with biomedical technologies		83	micro-MRI/MRS (Field ≥ 7 T)	
		84	micro-MRI/MRS (Field < 7 T)	
		85	micro-PET	
		86	micro-SPECT	
		87	micro-CT	
		88	micro-US	
		89	in vivo optical imaging	
		90	Photoacoustic Imaging (PAI) - med	
		91	micro-PET/MRI	
		92	micro-PET/CT	
		93	micro-SPECT-CT	
		94	OCT/PAT	
		95	intravital microscopy	
		96	*Magnetic particle imaging (MPI)	X
		97	*Plant Phenotyping (Phenoplant)	X
		98	*TeraHertz Plant Imaging	X

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Human Imaging		99	MagnetoEncephaloGraphy (MEG)	
		100	MRI/MRS (Field ≥ 7 T)	
		101	MRI/MRS (Field < 7 T)	
		102	PET	
		103	PET-MRI	
		104	PET/CT	
		105	Population imaging	
ex-vivo and materials imaging using biomedical technologies		106	micro-MRI/MRS (Field ≥ 7 T)	
		107	micro-MRI/MRS (Field < 7 T)	
		108	ex vivo micro-CT	
		109	Phase Contrast Imaging (PCI)	
		110	Mass spectrometry-based imaging - med (MSI)	
Other Technologies	Sample characterisation	111	Atomic Force Microscopy (AFM)	
		112	Mass spectrometry-based imaging - bio (MSI)	
		113	Micro X-ray Fluorescence Spectrometry (XRF)	
		114	Traction Force Microscopy (TFM)	
		115	Micro-Particle Induced X-ray Emission (μ -PIXE)	
		116	Secondary Ion Mass Spectrometry with MeV ions (MeV-SIMS)	
Image Data and Image Analysis Services	Medical Image Data services	117	Challenges Framework	
		118	Image analysis - med (IA)	
		119	Population imaging	
	Biological Image Data Services	120	Image Analysis -bio (IA)	

Euro-Biolmaging service providers – for more information visit our website: <https://www.eurobioimaging.eu/our-nodes/>

Country: Name of Node	# of participating institutions or facilities	Hosting institutions (sites)/ Name of facility/department (if applicable)	Available technologies
Austria Biolmaging	15	1-Medical University of Vienna (MedUni) / Imaging Core Facility 2-Medical University of Vienna (MedUni) / Nonlinear microscopy, OCT/PAT, HREM 3-Medical University of Vienna (MedUni) / Preclinical Imaging Facility 4-Vienna BioCenter Core Facilities (VBCF) / Electron microscopy facility 5-Vienna BioCenter Core Facilities (VBCF) / Advanced Light Microscopy facility 6-Technical University Vienna (TU) / Analytical electron microscopy facility 7-Technical University Vienna (TU) / Analytical Instrumentation Center 8-University of Veterinary Medicine (Vetmeduni) / VetCore Imaging 9-University of Veterinary Medicine (Vetmeduni) / Clinical Unit of Diagnostic Imaging 10-University of Vienna (Uni Vienna) / Core Facility Cell Imaging & Ultrastructure Research 11-University of Vienna (Uni Vienna) / Lab of Macromolecular Cancer Therapeutics 12-Institute of Science & Technology (IST) / Biolmaging Facility 13-Institute of Science & Technology (IST) / Cryo-electron microscopy facility 14-University of Applied Sciences Upper Austria / TIMed CENTER Core Facilities 15-VRVis Center for Virtual Reality and Visualisation / Biomedical Image Informatics	3, 5, 6, 7, 8, 13, 14, 21, 22, 26, 28, 31, 32, 33, 34, 39, 44, 53, 54, 56, 59, 62, 63, 64, 69, 70, 71, 72, 73, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 97, 106, 107, 108, 110, 111, 112, 113, 118, 120

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Belgium: Flanders BioImaging Node	9	1-KU Leuven / Molecular Imaging Research and Clinic Leuven (MIRaCLe) 2-KU Leuven / Cell Imaging Core (CIC) 3-University of Antwerp / Antwerp Center for Advanced Microscopy (ACAM) 4-University of Antwerp / Molecular Imaging Centre Antwerp (MICA) and Biological Imaging Lab (BIL) 5-University of Brussels / In Vivo Cellular and Molecular Imaging (ICMI) 6-University of Gent / Infinity Lab 7-University of Gent / Advanced Light Microscopy (CALM) 8-University of Hasselt/ Advanced Optical Microscopy Centre (AOMC) 9-Vlaams Institute for Biotechnology/ BioImaging Core (VIB, BIC)	1, 2, 3, 5, 6, 7, 8, 10, 13, 14, 17, 18, 19, 20, 27, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 42, 45, 46, 48, 49, 50, 51, 53, 54, 55, 56, 58, 59, 62, 63, 65, 68, 69, 70, 72, 73, 75, 76, 77, 78, 81, 82, 83, 84, 85, 86, 87, 88, 89, 91, 92, 93, 95, 106, 107, 108, 118, 120
Bulgaria: Sofia BioImaging Node - Advanced Light Microscopy	1	1-Bulgarian Academy of Science / Institute of Molecular Biology	2, 3, 5, 7, 14, 30, 31, 32, 33, 34
Czech Republic: Advanced Light and Electron Microscopy Node Prague CZ	7	1-Charles University Prague/ Faculty of Science (IMCF BIOCEV) 2-Institute of Molecular Genetics of the Czech Academy of Sciences/ EM facility 3-Institute of Molecular Genetics of the Czech Academy of Sciences/ LM facility 4-Institute of Physiology of the Czech Academy of Sciences (IPhys) 5-Institute of Experimental Botany of the Czech Academy of Sciences (IEB) 6-Laboratory of Electron Microscopy (LEM), Biology Centre CAS (Ceske Budejovice) 7-Microscopy Service Centre of the Institute of Experimental Medicine	1, 2, 3, 5, 6, 7, 8, 9, 13, 14, 19, 20, 24, 25, 27, 28, 30, 31, 32, 33, 34, 35, 37, 38, 42, 47, 48, 53, 54, 56, 57, 58, 59, 61, 62, 63, 64, 66, 67, 69, 70, 71, 72, 73, 74, 77, 81, 89, 92, 95, 111, 120

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Czech Republic: Advanced Light Microscopy and Medical Imaging Node Brno CZ	6	1-Masaryk University / Multimodal and Functional Imaging Laboratory (MAFIL) 2-Masaryk University / Cellular Imaging Core Facility (CELLIM) 3-Brno University of Technology/ Experimental Biophotonics Facility 4-Institute of Scientific Instruments/ Laboratory of Magnetic Resonance (ISI LMR) 5-Institute of Scientific Instruments/ Core Facility for Electron microscopy and Raman Spectroscopy (ISI EM) 6-Centre of Biomedical Image Analysis (CBIA)	1, 2, 3, 6, 7, 13, 19, 25, 26, 33, 34, 40, 48, 59, 60, 66, 67, 73, 74, 83, 101, 106, 118, 120
Czech Republic: Center for Advanced Preclinical Imaging (CAPI)	1	1-Charles University Prague/ Center for Advanced Preclinical Imaging (CAPI), First Faculty of Medicine	83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 96, 106, 107, 108
Denmark: Danish BioImaging	5	1-University of Copenhagen / Center for advanced BioImaging 2-University of Copenhagen / Core Facility for Integrated Microscopy 3-Aarhus University 4-University of Southern Denmark/ Danish Molecular Biomedical Imaging Center (DaMBIC) 5-Technical University of Denmark/ Nanolab	1, 2, 3, 5, 6, 7, 8, 9, 13, 14, 19, 26, 28, 31, 32, 33, 34, 53, 54, 56, 58, 59, 70, 73, 83, 84, 85, 86, 87, 88, 89, 91, 106, 107, 108
European Molecular Biology Laboratory (EMBL): Euro-BioImaging EMBL-Node	4	1-EMBL Heidelberg / Advanced Light Microscopy Facility (ALMF) 2-EMBL Heidelberg / Electron Microscopy Core Facility (EMCF) 3-EMBL Heidelberg / EMBL Imaging Centre (IC) 4-EMBL Barcelona / Mesoscopic Imaging Facility (MIF)	1, 2, 3, 5, 7, 8, 9, 13, 14, 15, 16, 31, 32, 33, 34, 35, 36, 37, 45, 51, 52, 53, 54, 56, 57, 58, 59, 62, 63, 66, 67, 70, 71, 72, 73, 75, 76, 81
Finland: Finnish Advanced Light Microscopy Node	6	1-Helsinki University / Light Microscopy Unit (LMU) 2-Helsinki University / Electron Microscopy Unit, Viikki campus 3-Helsinki University / Biomedicum Imaging Unit (BIU), Meilahti campus 4-Helsinki University / FIMM High Content Imaging and Analysis FIMM-HCA 5-University of Turku and Abo Akademi / Cell Imaging and Cytometry, Turku BioImaging 6-Biocenter Oulu / Oulu BioImaging, Light Microscopy Unit	1, 2, 3, 5, 6, 7, 8, 13, 14, 19, 20, 27, 28, 31, 32, 33, 34, 35, 52, 53, 54, 58, 59, 60, 61, 62, 63, 64, 65, 66, 73, 75, 81, 111, 112, 114, 120

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Finnish Biomedical Imaging	5	1-Turku PET Centre 2-Kuopio Biomedical Imaging Unit 3-NEUROIMAGING Research Infrastructure / Aalto Neuroimaging Infrastructure 4-NEUROIMAGING Research Infrastructure / BioMag Laboratory 5-Helsinki <i>In vivo</i> Animal Imaging Platform at the University of Helsinki	83, 84, 85, 87, 88, 89, 91, 92, 93, 95, 99, 101, 102, 103, 104, 106, 107, 108
France: French BioImaging Node	62	Facilities organized in 10 sub-Nodes + Bioimage Informatics 7x Bretagne-Loire - H2P2, MicroPICell, MRic (APEX, CeDRE, LS2N-SIMS, MFQ) 5x BioImaging Informatics - BioEmergences, Institut Curie - IPDM, Institut Pasteur, Montpellier - ipdm-MRI, Inria-Curie 4x Marseille - PICsL, MOSAIC - Fresnel, CIML, IBDM 5x Montpellier - Montpellier RIO, IPAM, MARS, PIBSS, CBS 3x Bordeaux - Bordeaux Imaging Center, LP2n, IINS 3x Ile de France Sud - Imagerie-GIF, BioEmergences, LOB 9x Paris-Centre - UTechS UBI - Pasteur, PICT-IBiSA Curie, ImaChem - IBEN, UTechS PBI - Pasteur, Imageoseine - Monod, Image Analysis Pasteur, IMAG'IC, ENS Chemistry, PCC team Curie 6x Alsace - Plateforme de Microscopie confocale @IS2M, Plateforme d'Imagerie du CRBS – STRasbourg, Plateforme d'imagerie de l'I2CT, Plateforme Imagerie In Vitro @INCI, Plateforme d'Imagerie Cellulaire de l'IBMP, Quantum Efficiency Strasbourg 9x Toulouse - Genotoul TRI (Toulous Cancer Research Center, Centre de microscopie electronique appliquee a la biologie, Imagerie cellulaire FR AIB, i2MC, INFINITY, IRSD, LITC, METI, RESTORE) 1x Normandie 10x Rhone-Alpes (Grenoble and Lyon)	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 19, 20, 22, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 42, 43, 45, 46, 47, 48, 49, 51, 52, 53, 54, 56, 57, 58, 60, 61, 62, 63, 64, 65, 66, 67, 69, 70, 73, 75, 76, 78, 81, 82, 89, 94, 95, 111, 114, 120

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Hungary: Cellular Imaging Hungary	5	1-University of Debrecen 2-Biological Research Center of the Hungarian Academy of Sciences, Szeged 3-Imaging Core Semmelweis University, Budapest 4-Femtonics Ltd 5-NanoBioImaging and Advanced Microscopy Facility, University of Pécs	2, 3, 5, 7, 8, 13, 14, 19, 30, 31, 32, 33, 34, 35, 53, 57, 58, 61, 63, 64, 89, 111
Hungary: Medical and Preclinical Imaging Hungary	5	1-University of Debrecen 2-ScanoMed Ltd 3-Institute of Nuclear Research 4-Szentagothai Research Center 5-Faculty of Medicine Semmelweis University Budapest	83, 85, 86, 87, 89, 91, 92, 93, 102, 103, 104, 106, 108
Israel: EuBI-Israel	7	1-Weizmann Institute of Science / 5 facilities 2-Tel Aviv University / 3-The Hebrew University Jerusalem / The Wohl Institute for Translational Medicine at Hadassah 4-Technion Israel Institute of Technology Haifa / 2 facilities 5-Ben Gurion University of the Negev / 6-Bar Ilan University / Light Microscopy Unit + Electron Microscopy Unit 7-Haifa University / Sarah Moses Center for Microscopy & Imaging Infrastructure	1, 3, 5, 7, 8, 13, 14, 19, 31, 32, 33, 34, 35, 53, 54, 56, 57, 58, 61, 62, 70, 71, 73, 74, 75, 76, 83, 87, 88, 89, 90, 92, 95, 100, 101, 106, 107, 108, 120
Italy: Advanced Light Microscopy Italian Node	5	1-Naples: Institute of Biochemistry and Cell Biology 2-Genoa: Italian Institute of Technology 3-Padua: Laboratory of CA2+ and cAMP signaling in physiology and pathology 4-Florence: European Laboratory for Non-linear Spectroscopy, LENS 5-Milan: Advanced Light and Electron Microscopy Bio-Imaging Centre (Alembic)	1, 2, 3, 5, 6, 7, 8, 12, 13, 14, 19, 26, 27, 31, 32, 33, 34, 35, 40, 43, 48, 53, 56, 57, 59, 62, 64, 66, 75, 111, 112, 120

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Italy: Digital Imaging Multimodal Platform Neuromed – DIMP NEUROMED	1	1-DIMP at Neuromed Mediterranean Neurological Institute is a Scientific Hospitalization and Treatment Institute (IRCCS), Pozzilli	83, 87, 89, 92, 105, 118, 119
Italy: Molecular Imaging Italian Node	9	1-University of Torino / 2-San Raffaele Hospital Milan / 3-CNR Milan / Institute of Molecular Biolmaging and Physiology (IBFM CNR) 4-University of Pisa/ CNR Institute of Clinical Physiology 5-G. Monasterio Foundation Pisa / 6-University of Pisa / 7-Naples / IRCCS SDN 8-CNR Naples / Institute of Biostructures and Biolmages 9-BioCheckUp Naples /	83, 84, 85, 87, 88, 89, 90, 91, 92, 93, 98, 99, 101, 102, 103, 104, 106, 107, 108
Italy: Elettra Phase Contrast Imaging Flagship Node Trieste	1	1-Trieste / SYRMEP beamline of the Elettra Synchrotron light source	109
Netherlands: Challenges Framework Flagship Node	2	1-Erasmus MC 2-TU Delft	117
Netherlands: Correlative Light Microscopy Dutch Flagship Node	3	1-University of Utrecht / Cell Microscopy Core 2-Leiden University Medical Centre / Electron microscopy Research (Koster lab facility) 3-University of Groningen / Microscopy and Imaging Center (UMIC)	52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 69, 70, 73, 74, 75, 76, 77, 78, 79, 81,
Netherlands: Dutch High Field Imaging Hub	5	1-UMC Utrecht 2-UMC Leiden 3-Scannexus Maastricht 4-Spinoza Amsterdam 5-Donders Institute Nijmegen	100

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Netherlands: Erasmus MC OIC - Advanced Light Microscopy Rotterdam Node	1	1-Erasmus Optical Imaging Centre	3, 5, 6, 7, 8, 12, 13, 31, 33, 34
Netherlands: Facility of Multimodal Imaging - AMMI Maastricht	3	1-Maastricht University Medical Center (MUMC+) / Facility of Multimodal Imaging 2-Maastricht University Medical Center (MUMC+) / Mass Spectrometry Imaging Facility 3-Maastricht University / 3 facilities	3, 4, 5, 14, 27, 32, 33, 34, 35, 37, 48, 83, 84, 85, 86, 87, 91, 92, 106, 107, 108, 110, 112
Netherlands: High Throughput Microscopy Dutch Flagship Node	2	1-Leiden University / Division of Toxicology 2-Netherlands Cancer Institute (NKI)	35
Netherlands: Preclinical Imaging Centre (PRIME) - Molecular Imaging Dutch Node	2	1-Radboud University Nijmegen / Preclinical Imaging Centre (PRIME) 2-Hubrecht Institute, Utrecht / Intravital Microscopy Facility (IMF)	83, 87, 88, 89, 92, 93, 95, 106, 108
Netherlands: Population Imaging Flagship Node Rotterdam	1	1-University Medical Centre Rotterdam / Erasmus MC	119
Netherlands: The Van Leeuwenhoek Center for Advanced Microscopy (LCAM) - Functional Imaging Flagship Node Amsterdam	3	1-University of Amsterdam / 2-Amsterdam Medical Center / 3-Netherlands Cancer Institute (NKI) /	1, 3, 5, 7, 8, 13, 19, 31, 32, 33, 34, 35
Netherlands: Wageningen Imaging and Spectroscopy Hub (WISH) - ALM and Molecular Imaging Node Wageningen	2	1-Wageningen University / Wageningen Imaging and Spectroscopy Hub (WISH) 2-Wageningen University / ALM and Molecular Imaging	3, 5, 7, 8, 13, 31, 32, 33, 34

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Norway: NorMIC Oslo - Advanced Light Microscopy Node Oslo	2	1-University of Oslo / Faculty of Mathematics and Natural Science, Department of Biosciences 2-University of Oslo / Faculty of Medicine, Department of Molecular Cell Biology	1, 2, 3, 5, 6, 7, 13, 33, 34, 42, 53, 62, 63, 64, 75
Norway: NORMOLIM, Norwegian Molecular Imaging Infrastructure	3	1-Norwegian University of Science and Technology (NTNU) Trondheim / 2-University of Bergen / 3-Oslo University Hospital /	83, 88, 89, 90, 91, 92, 106, 112
Poland: Advanced Light Microscopy Node Poland	3	1-Nencki / Institute of Experimental Biology PAS 2-Mossakowski Medical Research Centre PAS / 3-Jagiellonian University / Faculty of Biochemistry, Biophysics and Biotechnology	1, 3, 5, 6, 7, 8, 13, 14, 25, 31, 32, 33, 34, 35, 45, 53, 56, 58, 63, 64, 66, 73, 75
Portugal: BIN (Brain Imaging Network) Portugal	1	1-Institute for Nuclear Sciences Applied to Health, University of Coimbra (ICNAS) + network	83, 84, 85, 87, 88, 89, 90, 91, 94, 101, 102, 103, 104, 105, 106, 118, 119
Portugal: PPBI	14	1-i3S (Instituto de Biologia Molecular e Celular, Instituto de Engenharia Biomedica) Porto / Imaging Scientific Platforms (ALM, BS, HEMS, b.Image) 2-Universidade do Minho, Braga / Life and Health Sciences Research Institute (ICVS) 3-Universidade do Coimbra / Microscopy Imaging Center of Coimbra, Center for Neuroscience and Cell Biology (MICC-CNC) 4-Universidade do Coimbra / Bioimaging Facility (UC) 5-Universidade de Aveiro / Light Microscopy facility (LiM) of the Institute of Biomedicine (iBiMED) 6-Universidade da Beira Interior, Covilha / 7-Instituto Gulbenkian de Ciencia (IGC) Lisbon / Advanced Imaging Facility + Electron Microscopy Facility 8-Instituto de Medicina Molecular (iMM) Lisbon / Bioimaging facility 9-Chronic Diseases Research Center of the Nove Medical School (NMS-CEDOC) Lisbon / Microscopy Facility	1, 3, 5, 6, 7, 8, 13, 14, 19, 20, 26, 27, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 43, 45, 48, 51, 53, 63, 64, 73, 74, 87, 88, 111

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		10-Instituto de Tecnologia Quimica e Biologica (ITQB-NOVA) Lisbon / Bacterial Imaging Cluster 11-Faculdade de Ciencias da Universidade de Lisboa (FCUL) / Microscopy Facility 12-Instituto Superior Tecnico (IST) Lisbon/ Advanced Fluorescence Microscopy Facility 13-Universidade do Algarve / 14-Center of Marine Sciences (CCMAR) /	
Slovenia: SiMBION Node	16	1-University of Ljubljana / Biomedical centre of microscopy UL MF 2-University of Ljubljana / Centre for Electron Microscopy 3-University of Ljubljana / Laboratory for Cell and Tissue Cultures 4-University of Ljubljana / National Data Node 5-University of Ljubljana / Infrastructural Center Microscopy of Biological Samples 6-University of Ljubljana / Chair of Botany and Plant Physiology 7-University of Ljubljana / Center for Microscopy and image Analysis Veterinary Faculty 8-University of Ljubljana / Center for Clinical Pysiology 9-University of Ljubljana / Reference Center for Confocal Microscopy 10-University of Ljubljana / Infrastructure Center for Data Management 11-Jozef Stefan Institute / Microanalytical center 12-Jozef Stefan Institute / Laboratory for Magnetic Resonance Microscopy 13-National Institute of Chemistry / Department of Analytical Chemistry 14-National Institute of Chemistry / Department for Synthetic Biology and Immunology 15-National Institute of Biology / Depart of Biotechnology and System Biology 16-National Institute of Biology / Infrastructural Centre Planta	3, 7, 33, 53, 54, 55, 62, 63, 68, 73, 106, 107, 109, 110, 112, 115, 116

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Spain: Advanced Light Microscopy Node Bilbao	2	1-University of the Basque Country UPV/EHU / Instituto Biofisika 2-University of the Basque Country UPV/EHU / Achucarro Basque Center for Neurosciences	1, 3, 5, 7, 8, 13, 14, 17, 19, 31, 32, 33, 34, 35, 38, 40, 45, 48, 49, 51, 111, 120
Spain: Radiology and Medical Imaging Node Valencia	1	1-La Fe Health Research Institute, Valencia /	92, 101, 103, 105, 107, 119, 119
Spain: BLiVIN - Barcelona Live and Intravital Microscopy Node	3	1-Fundació Centre de Regulació Genòmica (CRG) / 2-Fundació Institut de Recerca Biomèdica (IRB Barcelona) / Advanced Digital Microscopy Core Facility ADMCF 3-University of Barcelona /	1, 2, 3, 5, 7, 8, 27, 31, 32, 33, 34, 35, 37, 38, 45, 120
Spain: B-Min - Mesoscopic Imaging Node Barcelona	2	1-Fundació Institut de Recerca Biomèdica (IRB Barcelona) / Advanced Digital Microscopy Core Facility ADMCF 2-Institute of Photonic Science ICFO / Super-resolution Light Microscopy and Nanoscopy Facility SLN	5, 8, 19, 26, 27, 32, 35, 40, 41, 42, 48, 120
Spain: SLN@BCN - Super Resolution Node Barcelona	2	1-Institute of Photonic Science ICFO / Super-resolution Light Microscopy and Nanoscopy Facility SLN 2-Fundació Centre de Regulació Genòmica (CRG) /	<i>Please check with our access manager.</i>
Sweden: NMI	7	1-Royal Institute of Technology (KTH) / Advanced light microscopy (ALM) 2-University of Gothenburg / Centre for Cellular Imaging (CCI) 3-University of Umeå / Biochemical Imaging Centre Umeå (BICU) and Core facility for Electron Microscopy (UCEM) 4-Uppsala University / BioImage Informatics Facility (BIIF) 5-Lund University / Bioimaging Centre (LBIC) 6-Karolinska Institute / Live Cell Imaging core facility (LCI) 7-Stockholm University (IVMSU) / Intravital Microscopy	1, 3, 4, 5, 6, 8, 10, 13, 14, 15, 16, 19, 27, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 42, 45, 47, 48, 51, 53, 54, 56, 57, 59, 61, 62, 63, 64, 65, 66, 67, 69, 70, 72, 73, 74, 75, 76, 78, 80, 81, 83, 84, 87, 92, 93, 111, 112, 120

Country: Name of Node	# of participating institutions or facilities	Hosting institutions (sites)/ Name of facility/department (if applicable)	Available technologies
United Kingdom: UK Node	13	1-Francis Crick Institute (London) 2-King's College London / Nikon Imaging Centre 3-King's College London / Microscopy Innovation Centre 4-King's College London / Light Microscopy Facility 5-King's College London / Centre for Ultrastructural Imaging 6-King's College London / Wohl Cellular Imaging Centre 7-OCTOPUS - Harwell Research Complex 8-Oxford Brookes University 9-University of Liverpool / Centre for Cellular Imaging 10-University of Liverpool / Biomedical Electron Microscopy Unit 11-University of Liverpool / Centre for Pre-Clinical Imaging 12-University of York 13-Edinburgh Super Resolution Imaging Center (ESRIC) - University of Edinburgh, Harriot Watt University	2, 3, 5, 6, 7, 8, 9, 10, 13, 14, 16, 17, 18, 18, 20, 21, 22, 23, 24, 25, 26, 27, 31, 32, 33, 34, 35, 36, 38, 40, 43, 47, 48, 49, 50, 52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 64, 66, 67, 69, 70, 71, 72, 73, 75, 76, 77, 78, 81, 111, 112