

Resource Name	Description	Link
Addgene	A repositior and distribute of plasmids (~138,976) on behalf of 5,884 labs from around the world, with collection containing 844 ready-to-use viral vectors and 159 recombinant antibodies.	https://www.addgene.org/
Advanced Bioimaging Unit (UBA)	The Advanced Bioimaging Unit (UBA) is a joint unit	https://pasteur.uy/en/units/advanced-bioimaging/
Advanced Imaging Methods Workshop	An example of a technology training approach in the USA held at the Cancer Research Laboratory at UC Berkeley	https://crl.berkeley.edu/molecular-imaging-center/meetings-and-short-courses/
Africa BioImaging Consortium	A community-driven and community-guided initiative, that seeks to expand the role microscopy plays in biomedical research on the continent — helping embrace imaging approaches in solving research questions of importance to the African continent.	https://www.africanbioimaging.org/
Africa Microscopy Initiative (AMI)	Building African capacity for microscopy through training, infrastructure and open-access programs	https://www.microscopy.africa/
AI4Life	Research services and infrastructure to support life scientists in the adoption of machine learning solutions that improve the utility and interpretability of image data – the key to future biological and biomedical research.	https://ai4life.eurobioimaging.eu/
AIC Janelia	The Advanced Imaging Center gives scientists access to Janelia's cutting-edge microscopes, at no cost.	https://www.janelia.org/open-science/overview/advanced-imaging-center-aic
AIC Janelia pre-commercial technologies	List of the pre-commercial imaging technologies available to scientists at the AIC Janelia at not cost	https://www.aicjanelia.org/instruments
AIMM user group	A user group hosted by BINA that meets virtually every other month to address the challenges to Automated Image Management and Metadata Annotation (AIMM).	https://www.bioimagingnorthamerica.org/events/aimm-user-group/
Analytical and Quantitative Light Microscopy	An example of a technology training approach in the USA held at MBL in Woods Hole.	https://www.mbl.edu/education/advanced-research-training-courses/course-offerings/analytical-and-quantitative-light-microscopy
BINA Exchange of Experiences	Three different types of Exchange of Experience (EoE) offered by BioImaging North America to provide training and support to learn new techniques, develop or expand management skills, and/or image data management and analysis skills	https://www.bioimagingnorthamerica.org/exchange-of-experience-program/
BINA Leadership and Management Soft Skills Training	Training focused on soft skills development for those in leadership and management roles in core facilities facilitated by The Soft Skills Group Inc.	https://www.bioimagingnorthamerica.org/events/leadership-and-management-soft-skills-training-2023/
BINA Metrology Suitcase Program	A traveling suitcase program to deliver the tools and protocols necessary to compete routine quality control testing on microscopes to core facilities interested in performing routine QC.	https://www.bioimagingnorthamerica.org/metrology-suitcase/
BINA Professional Development Program	Professional Development opportunities offered by BioImaging North America to attend training courses and workshops to learn new techniques, develop or expand management skills, and/or image data management and analysis skills	https://www.bioimagingnorthamerica.org/professional-development-program/
BINA Working Groups	List of active working groups in BioImaging North America	https://www.bioimagingnorthamerica.org/about/
BioimagingUK	BioImagingUK is an organic organisation of UK scientists that develop, use, or administer imaging solutions for life sciences research	https://www.rms.org.uk/community/networks-affiliates/bioimaginguk-network.html

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Biolmaing North America (BINA)	BioImaging North America is a bioimaging network organization connecting, empowering and giving a unified voice to the bioimaging community to advance science.	https://www.bioimagingnorthamerica.org/
Carrera de Especialización en Microscopía	The aim of this degree, offered at the University of	https://posgrados.uba.ar/wp-content/uploads/2023/03/CE-EN-MICROSCOPIA_.pdf
CellProfiler	Open source cell image analysis software	https://cellprofiler.org/
Center for Research and Formation in AI (Cinfonia)	The Center for Research and Formation in Artificial Intelligence (CINFONIA) at Universidad de los Andes is the first academic Center for the study of Artificial Intelligence in Latin America	https://cinfonia.uniandes.edu.co/
Centro de Biología Estructural del Mercosur (CEBEM)	CEBEM is a network of scientific research groups that work collaboratively to enhance capacities in Structural Biology and Bioimaging in South America	https://cebem-lat.org/
Centro de Micro y Nanoscopia de Córdoba (CEMINCO)	CEMINCO within the CIQUIBIC is a central unit sh	https://ciquibic.fcq.unc.edu.ar/infraestructura/microscopia/
Deep Learning for Microscopy and Image Analysis	An example of a technology training approach in the USA held at MBL in Woods Hole.	https://www.mbl.edu/education/advanced-research-training-courses/course-offerings/dmbl-deep-learning-microscopy-image-analysis
Euro-Bioimaging	Euro-BioImaging is a research infrastructure that offers open access to imaging technologies, training and data services in biological and biomedical imaging.	https://www.eurobioimaging.eu/
Fundación Instituto Leloir (FIL)	The Leloir Institute is a non-profit research center i	https://www.leloir.org.ar/
German Bioimaging (GerBI-GMB)	German BioImaging or GerBI-GMB Society connects and supports microscopists and bioimage analysts as well as core facilities throughout Germany	https://gerbi-gmb.de/
German Bioimaging (GerBI) facility leadership and management course	A four-day in person leadership and management training course offered in Germany by German Bioimaging)	https://gerbi-gmb.de/event/gerbi-gmb-core-facility-leadership-and-management-course/
Global Bioimaging Training Courses	A list of the international training opportunities through Global Bioimaging	https://globalbioimaging.org/international-training-courses
Global BioImaging Working Group - Career Development for Imaging Core Facility Staff	The general aim of this working group is to offer a global perspective on the challenges faced by core facility scientists and propose recommendations for nurturing their professional advancement, drawing insights from successful case studies.	https://globalbioimaging.org/working-groups/career-path
GloBIAS/NEUBIAS	Formally NEUBIAS now the Global BioImage Analysts' Society (GloBIAS), they are enabling learning and knowledge exchange between members through online events, in-person workshops and online repositories.	https://www.globias.org/
I2K - From Images to Knowledge	A series of events focused on open source image analysis software, offering tutorial workshops in person and/or on line.	https://www.i2kconference.org/
image.sc	A community forum for sharing and learning in the image analysis field. Open to researchers at all levels of experience, providing a forum for group chat and problem solving.	https://forum.image.sc/
Kellogg Leadership and Management in Core Facilities Program	A four-day in person executive learning experience focused specifically on helping enhance the business and management skills and developing the leadership capacity to run Core Facility operation more effectively.	https://www.kellogg.northwestern.edu/executive-education/nonprofit-management/np-core.aspx

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LABI Working Groups	List of active or emerging working groups in Latin America BioImaging	https://labi.lat/working-groups/
Laboratorio Nacional de Citometría de Flujo (LabNalCit)	LabNalCit is a lab highly specialized in the use of flow cytometry	https://labnalcit.org
Laboratorio Nacional de Microscopía Avanzada (LNMA)	LNMA hosts state-of-the-art microscopes including electron microscopes	https://lnma.unam.mx/wp/
Latin America BioImaging (LABI)	Latin America Bioimaging is a network of imaging scientists interested in improving training, education, and access to imaging technologies across the Latin American and Caribbean region.	https://labi.lat/
LiSIUM	The Light Sheet Bioimaging Hub at Universidad Mayor, Chile is a CZI-funded endeavor to create a specialized light sheet microscopy hub in Latin America, which aids in disseminating expertise and capacity development in the region.	https://lightsheetchile.cl/
Mexican Bioimaging Workshops	Workshops held by the Mexican Bioimaging Community to provide technology training across Mexico	https://meximagingworkshops.org.mx/
MicroscopyDB	A centralized database of links to websites and online resources related to microscopy that is being shared with microscopy network partners to facilitate the collection and broad dissemination of jobs, events, tools and training and education resources.	https://microscopydb.io/
Montreal Light Microscopy Course (MLMC)	An example of a technology training approach in Canada, where the focus is to train imaging scientist about how to run an microscopy training course so they can return to their home country with the techniques and support material to conduct the training session in their own facilities	https://globalbioimaging.org/international-training-courses/canada-bioimaging-gbi-2023-course
Nanotechnology National Laboratory (LNNano/CNPEM)	LNNano seeks excellence in the four areas of activity: research, education, technology transfer and innovation	https://lnnano.cnpem.br/en/home-en/
National Center for Structural Biology and Bioimaging (CENABIO)	The National Center for Structural Biology and Bioimaging (CENABIO) is a multiuser facility of the Federal University of Rio de Janeiro (UFRJ) which has state-of-the-art equipment, and highly qualified research professionals that enable research from sub-cellular to whole organism level.	https://sbmm.org.br/en/centro/centro-nacional-de-biologia-estrutural-e-bioimagem-unidade-de-microscopia-avancada/
Optical Microscopy and Imaging in the Biomedical Sciences	An example of a technology training approach in the USA held at MBL in Woods Hole.	https://www.mbl.edu/education/advanced-research-training-courses/course-offerings/optical-microscopy-imaging-biomedical-sciences
Quantitative Fluorescence Microscopy	An example of a technology training approach in the USA held at MDIBL in Bar Harbor.	https://mdibl.org/course/qfm
Quantitative Imaging: from Acquisition to Analysis	An example of a technology training approach in the USA held at CSHL in Cold Spring Harbor	https://meetings.cshl.edu/courses.aspx?course=C-QICM&year=24
QUAREP-LiMi	QUAREP-LiMi is an initiative with members from academia and industry aiming at improving the reproducibility of light microscopy experiments in Life and Material Sciences.	https://quarep.org/
Royal Microscopical Society (RMS)	The RMS is an inclusive Society dedicated to furthering science and supporting the microscopy, imaging, analysis and flow cytometry communities.	https://www.rms.org.uk/
Sistema de Gestión de Turnos	This is a tool designed by the Argentine State to optimize the use of laboratory resources	https://www.argentina.gob.ar/ciencia/sistemasnacionales/gestion-de-turnos

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Sistema Nacional de Microscopía	The Sistema Nacional de Microscopía is an initiative of the Ministry of Science, Technology and Innovation (MINCYT), together with the Interinstitutional Council of Science and Technology (CICyT) within the Programme for Big Instruments, Facilities and Databases.	https://www.argentina.gob.ar/ciencia/sistemasnacionales/
Specialty in Electron Microscopy for Biological Sciences Program	This postgraduate program includes theoretical, practical and research activities necessary for the implementation of electron microscopy techniques for the study of cell biology, histology, molecular biology and pathology.	https://www.fcencias.unam.mx/estudiar-en-ciencias/estudios/especializaciones/espmicroscopia
Technician Commitment	The Commitment is a University and Research Institution commitment that aims to ensure visibility, recognition, career development and sustainability for technicians working in higher education and research, across all disciplines.	https://www.techniciancommitment.org.uk/