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GLOBAL BIOIMAGING
growing collaboration

Preface: A Year of Shared Voices

Dear All,
This monthly newsletter is brought to you by BioImaging North America (BINA), powered by collaboration, driven by curiosity, and connected by a shared passion for advancing imaging science.

ABOUT BIOIMAGING NORTH AMERICA (BINA)

BioImaging North America (BINA) is a leading organization dedicated to connecting, empowering, and giving a unified voice to the BioImaging community in North America and across the globe.

BioImaging North America

Through engagement with academic and industry researchers, core facility professionals, and industry partners, BINA fosters a vibrant community committed to advancing the field of bioimaging. BINA has been building an inclusive and supportive community where scientists can share knowledge, advance their skills, and succeed together. The organization is guided by its core values of Community, Inclusion, and Excellence, and operates across four main pillars: Interaction, Education, Advocacy, and Standardization.

By promoting collaboration, supporting diversity, and advancing rigorous and reproducible science, BINA aims to ensure that the power of imaging technology is accessible and impactful to users in all scientific using imaging technologies, any type of organization (academic or commercial) or geographic location, offering opportunities to connect with peers, access educational resources, and participate in initiatives that drive scientific discovery.

Link to website/ registration form: SIGN2

What BINA Can Do for You

BINA Events
BINA hosts multiple virtual events every month, from technical workshops and speaker series to community conversations that give everyone a chance to be heard.

Event series include:

- Core Builders Workshop Series
- Virtual Seminar Educational tools from industry Series
- Career Speaker Series
- Scientific Speaker Series
- Comfortable Conversation series

BINA Programs
BINA offers several programs for financial support and research:

- ATLAS - Advanced Technology Learning and Support: focused on individuals
- Microscopy Grant Program: provides grants for microscopy research projects
- Microscopy Backpack Fund provides a small fund (usd) per contributing tools and resources needed to conduct high-source intensity/sensitivity measurements and point spread function characterization for microscopy instruments
- Research Support: BINA members who are interested in sharing their form of microscopy with young scientists can request financial assistance

BINA Working Groups
The BINA Working Groups focus on 8 topics important to the imaging community:

- Borders
- Communications
- Corporate Partners
- Community Engagement
- Core Facility
- Image Informatics
- Quality Control and Data Management
- Training & Education

BINA User Groups
BINA currently includes User Groups focused on providing community-based support around 4 technologies:

- Automated Image Management and Metadata Annotation (AIMM) User Group
- Expansion Microscopy User Group
- Lattice Lightsheet User Group
- Neuroscopy User Group

BINA Community Congress
BINA also holds an annual conference in North America that brings together scientists worldwide to share and learn.

CBIAMM 2026: Cultivating the Multiscale Imaging Frontier
September 27 - October 2, 2026 | Bedford, MA, USA
The joint meeting of BINA and CIS will bring together developers, researchers, and students from around the world working in computational image analysis. Attendees will have the opportunity to learn new techniques, troubleshoot challenges in real-time, and connect with experts from both academia and industry. Select portions of the conference will be available virtually.

What to expect:

- Engaging keynotes and expert panels from all over the world
- Training opportunities with software developers and industry experts
- Poster presentations, workshopping, and more
- Scientific talks and sessions
- Hands-on community-led workshops
- Hands-on, sponsor-led workshopping where participants can directly engage with the latest imaging technologies, software platforms, and analytical tools

Link to website
Link to registration form: In-person registration closes 2026.09.10

Global BioImaging News

Winner proposals are in! 🎉
NEN Innovation: Advancing Sustainable Biomedical Imaging Facilities

📅 **8 July, 1:00 PM CEST** - ZOOM LINK
📺 Participation is free and open all

We are pleased to announce the results of the **5th Sustainablitem: Advancing Sustainable Biomedical Imaging Facilities**, a global challenge collecting ideas to strengthen the long-term sustainability of imaging facilities worldwide. Submissions showcased diverse approaches, from environmental strategies to training and financial sustainability models.

The winning teams and runner-up teams have selected and will present their proposals in an upcoming Sustainablitem webinar, open to the entire community, featuring perspectives from both high- and low-resource settings and highlighting practical solutions for sustaining imaging infrastructure globally.

📌 GM Biomedical Imaging NN and Evaluation Panel (Biohackathon)

Biomedical Imaging Course 2026 – Applications Open
23-27 Nov 2026, Singapore, Australia

Global BioImaging Biomedical Imaging 2026 Course is a course jointly organised by Global BioImaging, its partner organisation in Australia, the National Imaging Facility (NIF), and the Australian Society of Molecular Imaging (ASMI).
The course will be held back-to-back with the 11th Annual Scientific Symposium of the Australian Society of Molecular Imaging (ASMI) and hosted by the Translational Research Institute (TRI) in Brisbane from 23 to 26 November.
This course is open to professionals at all career stages working in biomedical imaging core facilities and service roles, as well as researchers in the biomedical imaging field. Participation is free of charge. Travel grants will be available for selected participants.

More information about the course: SCIENCE
Apply by completing the form: SCIENCE

Application deadline: August 1, 2026

Building Trust in Global Image Data Infrastructure (GIDI)
Tuesday, 28 April 2026, 9:00 - 10:30 CEST
The last GuidingBIOIM community meeting marked an important moment for the Global BioImaging community, bringing together discussions at the intersection of repository interoperability and global scientific collaboration. A highlight of the meeting was the demonstration of the GIDI BioImaging Search Portal, enabling federated searches across major bioimage data resources through a shared interface.

Across discussions, a shared message emerged: a truly global bioimage data ecosystem is not achieved through infrastructure alone, but through alignment of standards, trust between communities, and sustained coordination across efforts.

Panel discussion on Global Community efforts in video sharing from left to right: Ana Martins, Cameron Mendelsohn, Kai Lagally, Nicholas Cowan, Christopher Mason, Kimberly Lane, Yang Nan, Gregory Hulsey and Kathryn Jones. Photo credit: Nicole Vasquez Cowan

GuidingBIOIM has delivered important technical advances: the next step is to connect, scale, and align these solutions across the global ecosystem. The meeting underscored that progress in global imaging data relies as much on people and collaboration as it does on technology.

See the full report and listen to the recorded talks SCIENCE

Publication by the imaging community
The Journal of Cell Biology | The Journal of Microscopy is a multi-level for core facilities.

A recent publication highlights the global impact of train-the-trainer (TtT) initiatives in bioimaging, showcasing efforts led by the imaging community, including Global BioImaging, to strengthen capacity-building and knowledge-transfer over the past several years.

FIGURE 1 The global map shows network expansion across the globe in terms of participant and facility who participated in train-the-trainer (TtT) events and other technical capacity-building activities.

Read the full paper: Global impact through train-the-trainer (TtT) courses

Upcoming Town Hall: Measuring the Impact of Core Facilities
29th of June 2026, 8 pm CEST

GBI's International Wg (Wg-INTL) in collaboration with AMIF and FCLS, invites you to join an upcoming Town Hall discussion on **'Measuring the Impact of Core Facilities and Research Infrastructures in the Context of Research Assessment Reform'**

As research assessment practices evolve worldwide, this interactive session will explore how core facilities and research infrastructures can better demonstrate, capture, and communicate their scientific, technological, and societal impact. Join colleagues from across the global research infrastructure community to share experiences, challenges, and emerging approaches.

Register below and stay tuned for more details!
📌 ZOOM LINK
📌 See previous audio archive from the WG

Around the Globe

PRISM: A New Metadata Model for Preclinical Imaging Data

The Euro BioImaging Medical Hub and partners of the FocusingSLIDE Preclinical Stream have introduced **PRISM (Preclinical Imaging Standard Metadata)**, a proposed metadata model designed to improve the sharing, findability, and interoperability of preclinical imaging datasets.

Developed within the Euro-BioImaging Preclinical Imaging Working Group, PRISM aims to support FAIR-compliant data **across 6 core domains**, with the goal of supporting FAIR data principles and harmonizing metadata across the field. The model defines a structured set of mandatory, recommended, and optional fields, to improve consistency and enable better data reuse in preclinical imaging.

A community survey is now open to gather feedback from researchers and facility staff on the proposed model. The survey is anonymous, takes about 20 minutes, and is open until **15 June 2026**.

📌 Brochure

The BioImaging Society
The BioImaging Society (BIS), India was established in January 2026 as a formally registered society under the Indian Institute of Science Education and Research, Bhopal (IISER Bhopal). (IISER) operates as a prominent initiative within the Society, supporting these goals through community coordination and capacity-building activities.

More information: HERE

To become a member and join the vibrant India BioImaging (IBI) community, contribute to advancing bioimaging research, strengthening capacity, and fostering collaboration nationwide, JOIN US HERE

Sino-French BioImaging Symposium – SFBS 2026
October 13-15 | Bordeaux, France
The 4th Sino-French BioImaging Symposium (SFBS 2026) is an international event dedicated to advancing cutting-edge research in BioImaging, with a focus on fluorescence and multiscale advanced microscopy methods. Organized in the framework of an International Research Network (IRN) – BioImage – between France and China, this event brings together leading experts, early career researchers, and industry partners from both China and Europe. Imaging scientists and researchers are invited to submit an abstract for a short talk or poster and participate in this exchange.

📌 Early bird registration by June 15 HERE

In case you missed it

EXTENDED DEADLINES:

📌 **Travel grant applications remain open until 15th of June 2026:**
Join us at EMBL, Heidelberg, this October **#BIO_EuROIN** (INFO)

📌 **GM Spotlight on EuRIS is back!**
📺 Opening episode now live: SKATCH

Want to join the next episode this month?
We'll explore: "How to ask for help in research data management for core facilities"
📌 Register Sign2

Visit Us Now!

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Our mailing address is:
bioimaging@uni-1.1011111 Heidelberg, Germany

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