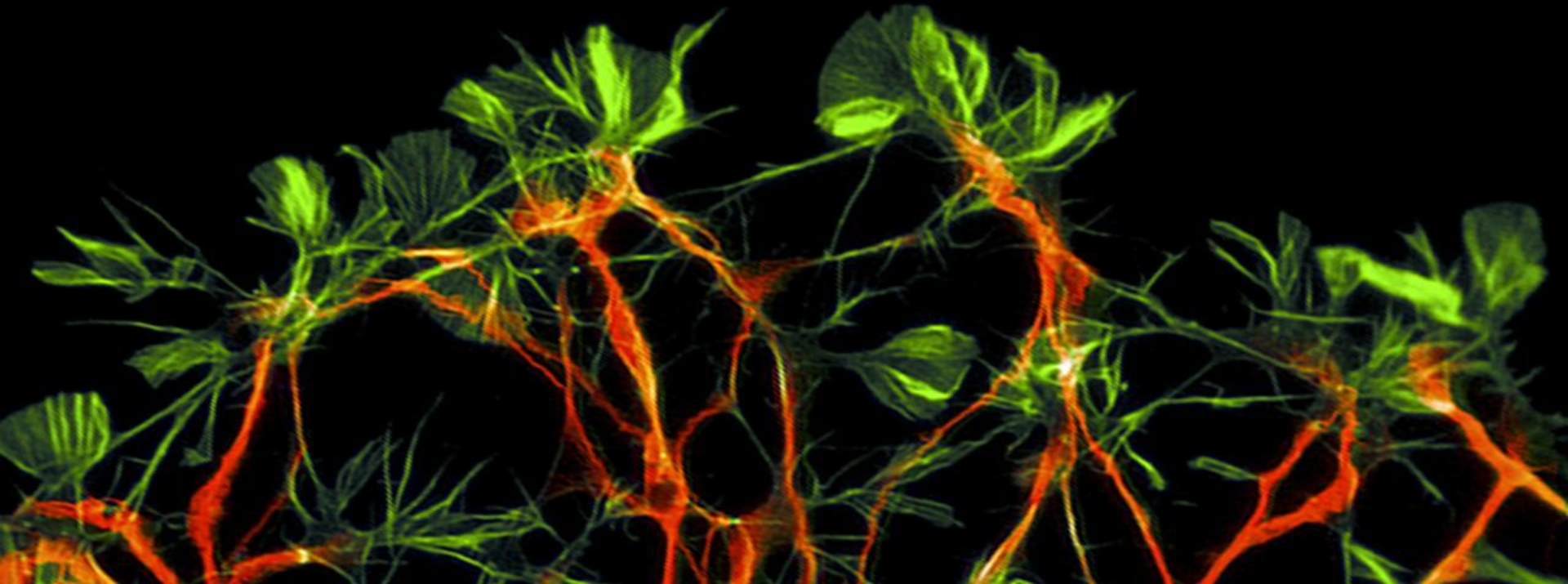
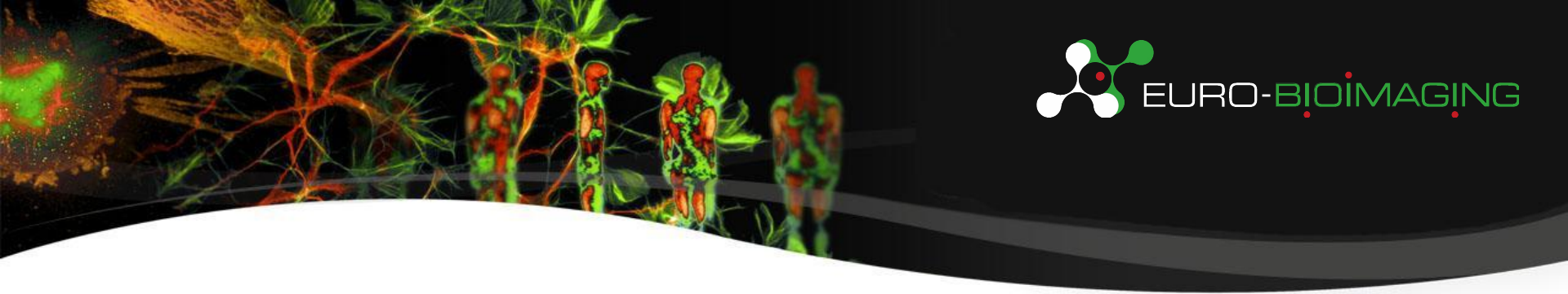


Access <sub>to</sub>  
imaging solutions!





An open access resource,  
removing barriers and enabling  
world-class research

- **Access** to biological and biomedical imaging technologies in Europe
- **Support** from expert technical staff
- **Image data** repositories and analysis tools
- **Training** opportunities in imaging for ev



EuBI has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 688945.

# Technologies at Euro-BioImaging Nodes



## Biological Imaging:

Correlative Light-Electron  
Microscopy  
Super Resolution Microscopy  
Mesoscopic Imaging  
High-throughput Microscopy.....

## Biomedical Imaging:

Micro-PET / -SPECT / -MRI  
Phase Contrast Imaging  
High-Field MRI.....

All technologies listed here:  
[www.eurobioimaging.eu](http://www.eurobioimaging.eu)



EURO-BIOIMAGING

Interim Operation

A single entry point

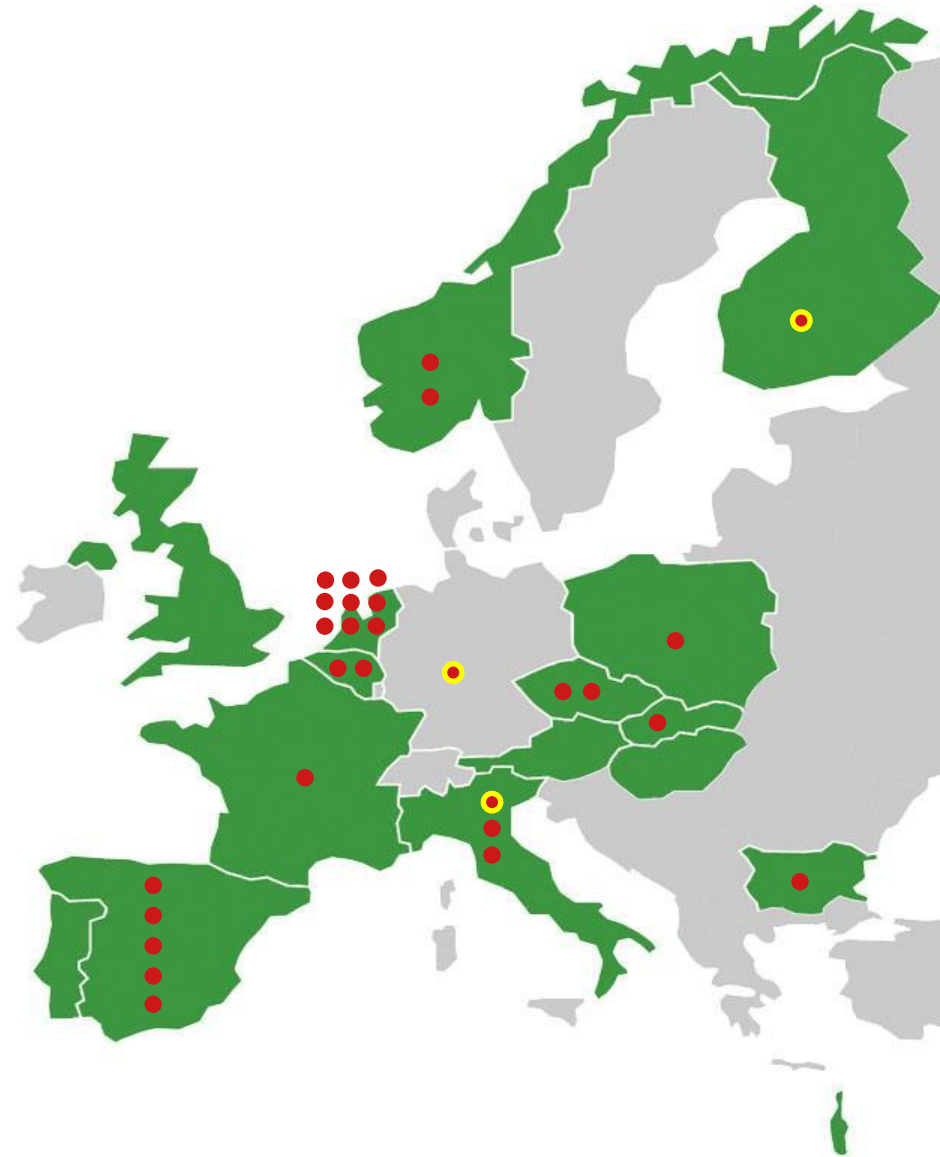
gives you access to

36 Imaging technologies

across 29 Nodes located in

11 European countries

and EMBL



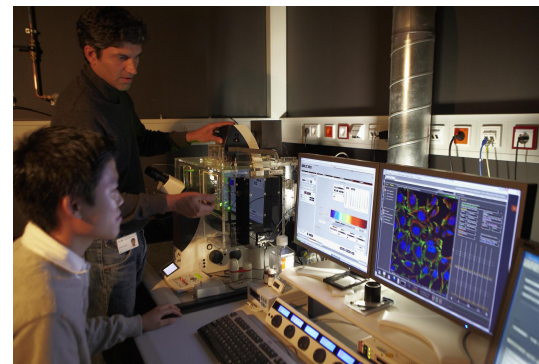


Visitor from  to 

***“[The required] imaging modality was unavailable in our institute, and was an essential step to perform whole-brain microscopic imaging. .... we are now preparing a manuscript.”***

Visitor from  to 

***“ My research benefited from the visit in a great manner since I had the opportunity to characterize samples with the equipment and technology which is not available in our laboratory.”***



Visitor from  to 

***“[I got] access to previously unavailable technology: customized microscopes for GSDIM, and higher quality of service: personalized training sessions and very effective technology transfer.”***

# Why Euro-BioImaging?

## Services For Scientists

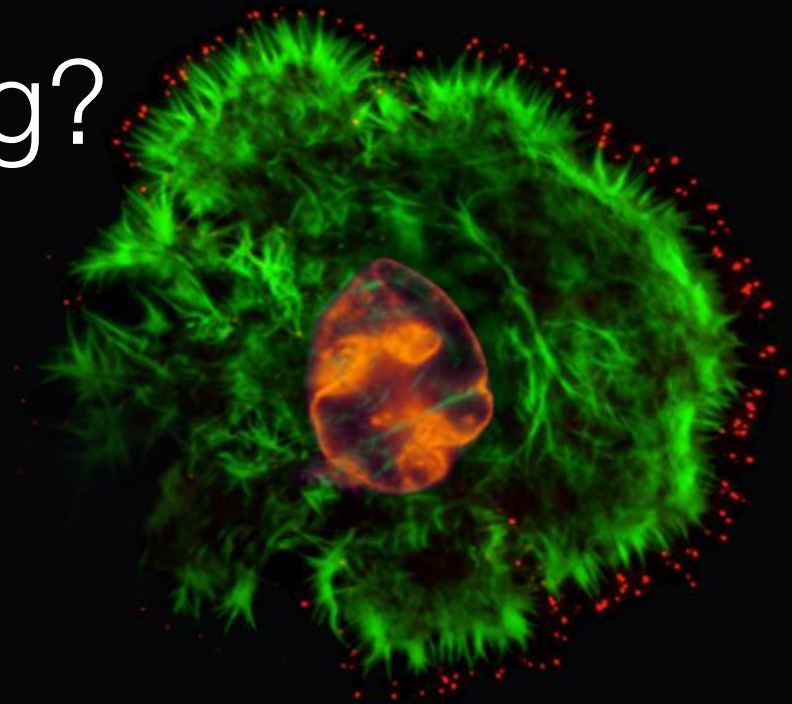
- One entry point to access all Technologies
- Open access data services
- Coordinated user training

## Services For Nodes

- Cooperation in Europe and international visibility
- Quality assurance of services
- Joint procedure to introduce novel technologies

## Services For Member States

- Powerful shared infrastructure for their research communities
- Coordinated & sustainable investments in national imaging infrastructure
- Realization of European funding opportunities



# The Founding Members of Euro-Biolmaging ERIC



## Launching members: 15 countries & EMBL

- Austria
- Bulgaria
- Czech Republic
- Denmark
- Finland
- France
- Hungary
- Israel
- Italy
- Norway
- Portugal
- Sweden
- The Netherlands
- United Kingdom
- EMBL
  
- Belgium (observer)

Euro-Biolmaging ERIC expected to be launched  
in early autumn 2019.

## Prospective members and observers

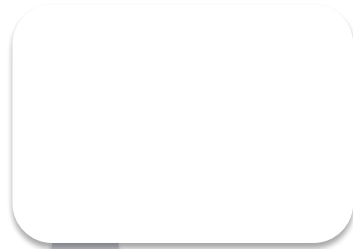
Poland, Slovakia, Spain  
Additional countries can join  
continuously.

## Autumn 2019:

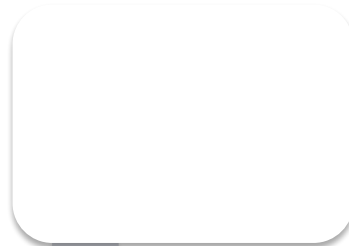
- ✓ Establishment of EuBI governance
- ✓ Launch of new website and Access Portal
- ✓ Seamless continuation of user access
- ✓ Call for new Nodes
- ✓ Proof of Concept studies for inclusion of new technologies in EuBI portfolio
- ✓ Outreach to users and stakeholders
- ✓ 1st Meeting of Bio Nodes in Heidelberg (8-9 October 2019)



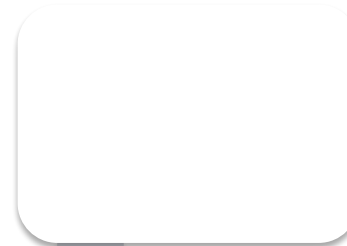
# New call for Nodes (Winter 2019/20)



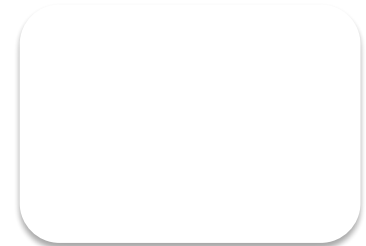
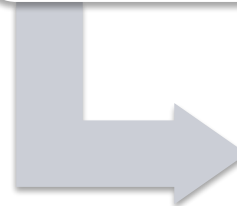
- Application incl. Letter of Support from EuBI delegation



- Eligibility, excellence and technical criteria



- EuBI delegation



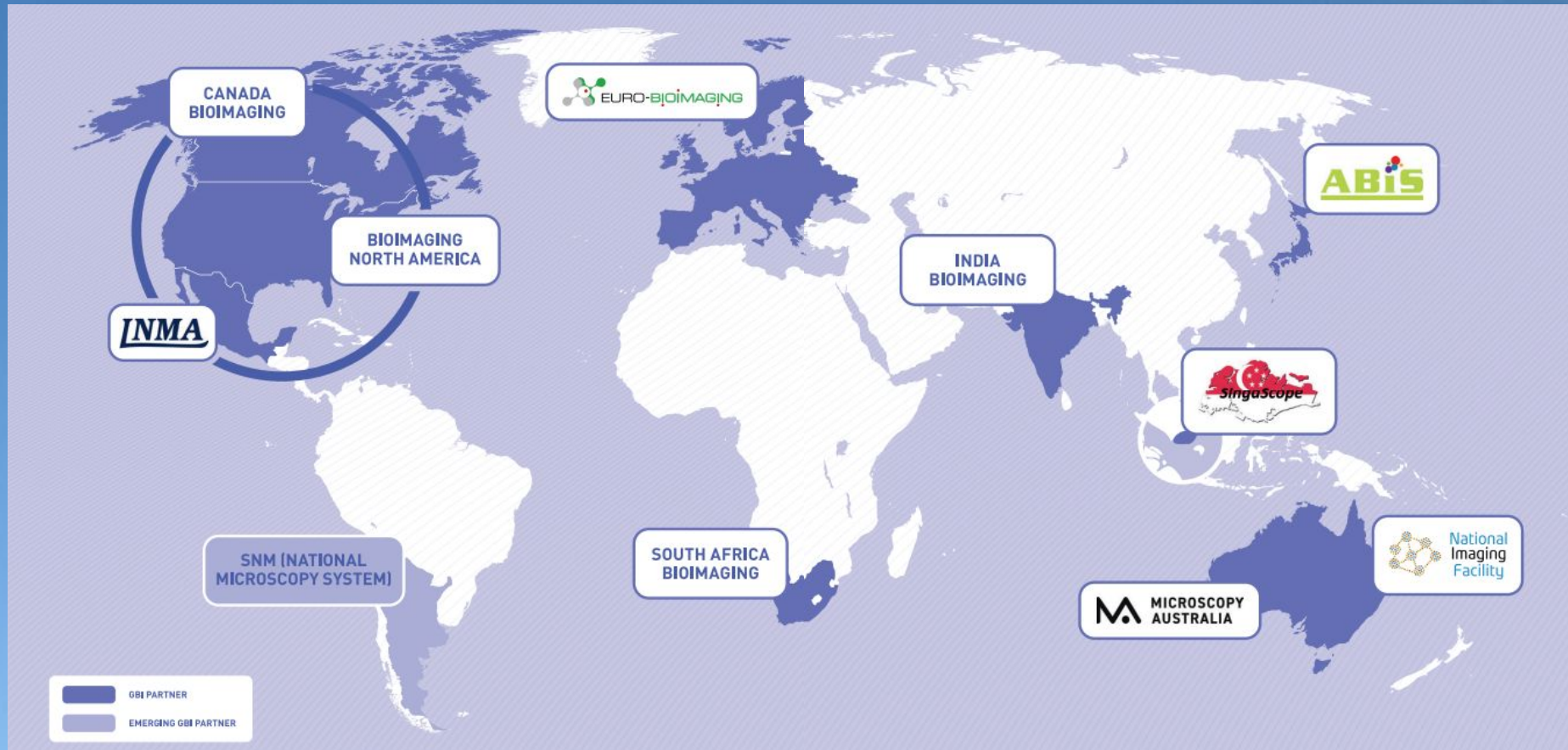


# GLOBAL BIOIMAGING

growing collaboration

BUILDING A SUSTAINABLE INTERNATIONAL NETWORK  
OF CUTTING-EDGE BIOIMAGING FACILITIES AND COMMUNITIES

# Global BioImaging in 2019



Becoming a sustainable international network of many partners ...

**GLOBAL  
BIOIMAGING**  
growing collaboration



A detailed scanning electron micrograph (SEM) of biological structures, likely a plant or animal tissue. The image shows various elongated, finger-like projections and several spherical, spiky structures that resemble viruses or pollen grains. The color palette is dominated by shades of blue and green, with some yellow highlights.

## *What are our missions?*

Build an international network of imaging infrastructures

Bring imaging communities together

Train facility staff

Exchange staff around the globe

Build common virtual tools

Develop and publish international recommendations

# The international network of cutting-edge bioimaging facilities and communities




Exchange of  
Experience



Training



Shadowing



Documents Gallery

## What we do?

Global BioImaging is an international network of imaging infrastructures and communities, which was initiated in 2015 by a european (*Horizon 2020*) funded project.

Recognizing that scientific, technical and data challenges are universal rather than restricted by geographical boundaries, it brings together imaging facility operators and technical staff, scientists, managers and science policy officers from around the globe, to network, exchange experiences and build capacity internationally.

## Our Mission

- ✓ To **cooperate** internationally and **propose solutions** to the challenges faced by the imaging community globally.
- ✓ To **build a strong case** towards the funders that imaging technologies and research infrastructures are key in the advancement of life sciences.
- ✓ To **build capacity** internationally, leveraging on each other's strengths and capabilities.

## News & Media

April 12th, 2019

**Global BioImaging launches its international job shadowing program - apply today!**

April 2nd, 2019

**Registrations open for the CORBEL webinar "A Basic Introduction to Bioimage Analysis"**

December 13th, 2018

**Global BioImaging is highlighted as a success story by the European Commission**

November 19th, 2018





**GLOBAL  
BIOIMAGING**  
growing collaboration

GBI meets again in 2019: Singapore, September 13-14  
Everybody is welcome!

# Euro-Biolmaging Industry Board



**Chair:** Christoph Thumser, Leica  
**Vice-Chair:** Martin Tewinkel, Olympus  
**Coordinator:** Kelly Sheehan-Rooney, EMBL

## Goals:

- Understand the needs of the Euro-Biolmaging community
- Create a platform for collaboration and innovation
- Cooperate with Nodes on testing of novel technologies
- Create "one voice" for imaging industry
- Coordinate and implement training in new imaging technologies



Thank you!