

France-BioImaging

The National Research Infrastructure
for Biological Imaging



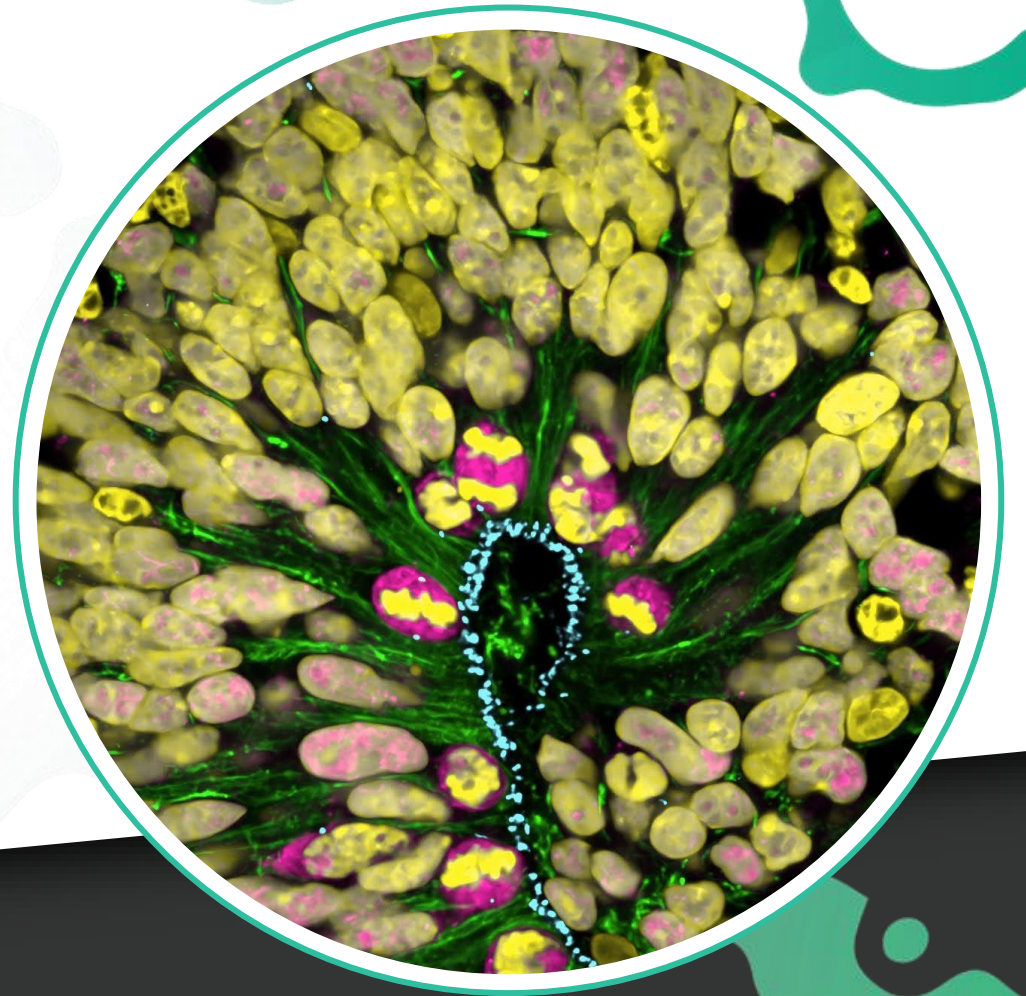
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IBiSA



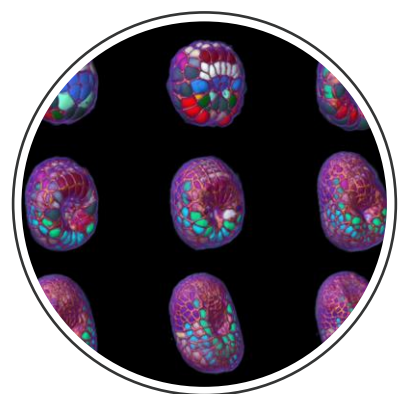
Funded by the Horizon 2020
Framework Programme of
the European Union



FRANCE-BIOIMAGING

Our mission

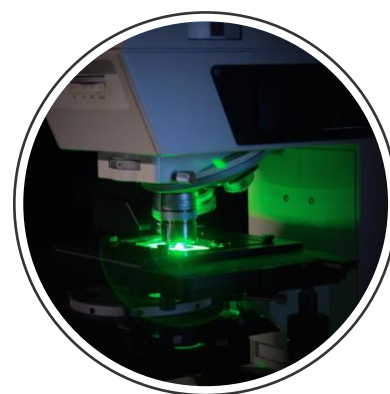
Providing researchers with **access** to state-of-the art and innovative **imaging technologies and expertise.**



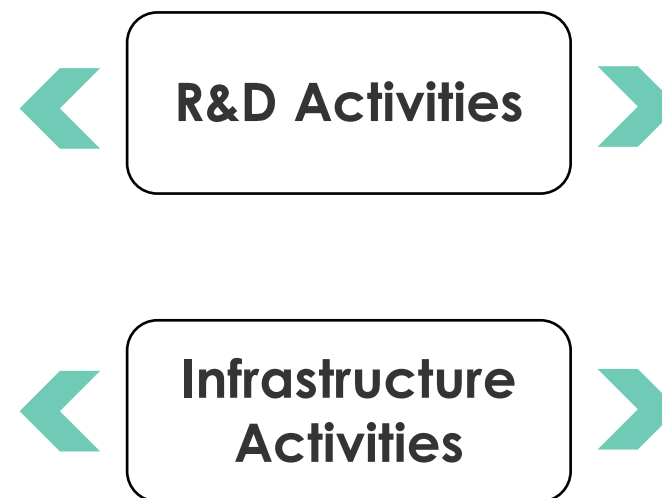
Innovation



Training



Access



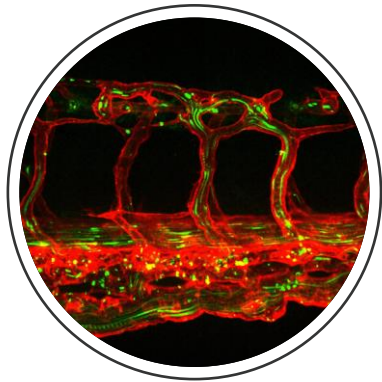
In a nutshell

- **23** Imaging Core Facilities
 - **68** associated R&D teams
 - ~ **600** staff (engineers & researchers)
 - > **350** set-ups
 - ~ **5000** on-site users
-
- **9 Nodes** with complementary expertises
 - French Node of **Euro-BioImaging** ERIC
 - Partner in **Global BioImaging** network



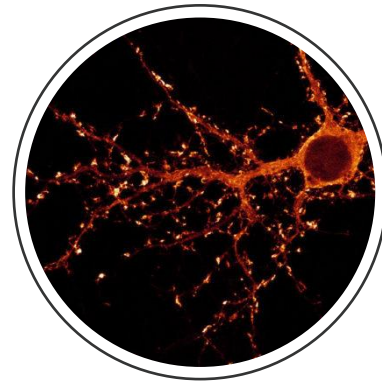
A **National**, **European** and **International** environment

Our nodes



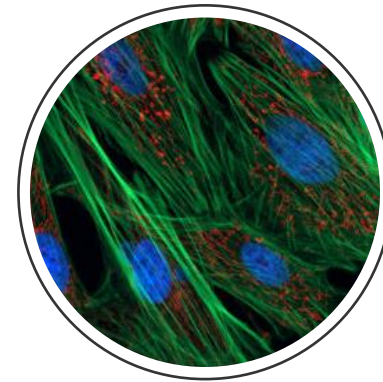
Alsace

- Molecular and nanoparticulate probes
- Tomographic diffractive microscopy
- Biomolecules in action
- Cell biology



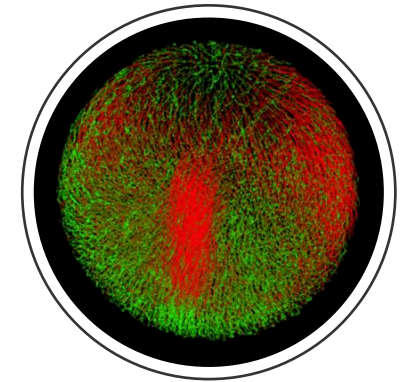
Bordeaux

- Super resolution
- 3D Tomography correlative microscopy
- Neurosciences
- Plant physiology



Bretagne-Loire

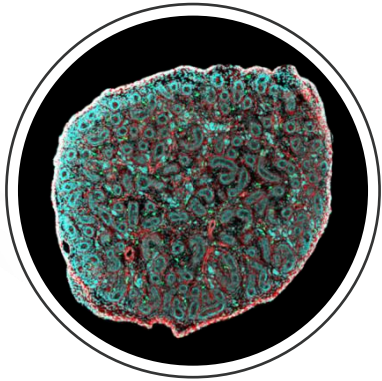
- Microscopy for preclinical research
- Cancer research
- Regenerative medicine
- Physiopathology



Ile-de-France Sud

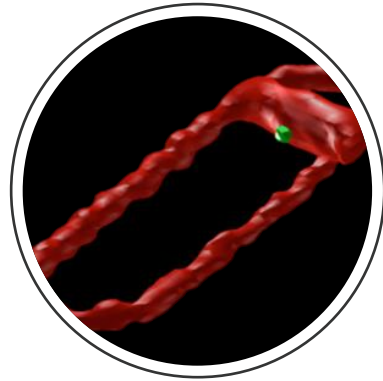
- In vivo in toto 3D+t imaging
- Non-linear contrasts
- Developmental biology
- Plant cell biology

Our nodes



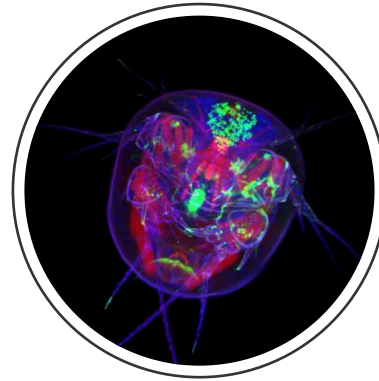
Marseille

- Multimodal Imaging
- New contrasts
- Immunology
- Developmental biology



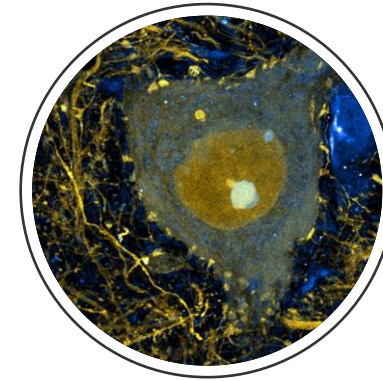
Montpellier

- Functional super-resolution
- High-throughput microscopies
- Genome organization
- Gene expression



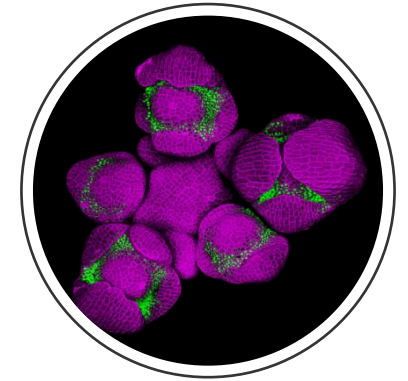
Paris-Centre

- 3D CLEM
- High content screening
- Preclinical imaging
- Optogenetics & biosensors
- Cell biology
- Host-pathogens
- Cancer research



Toulouse

- Organoid imaging
- Cryo-electron microscopy
- Cytometry
- Mechanobiology
- Micro- & nanotechnologies



BioImage Informatics

- Bioimage informatics
- Data management
- Software platforms
- Very large data management and mining
- AIIA and data visualization

— And more!

Year-round calls



FBI External users access fund



Support to technology & methods transfer projects

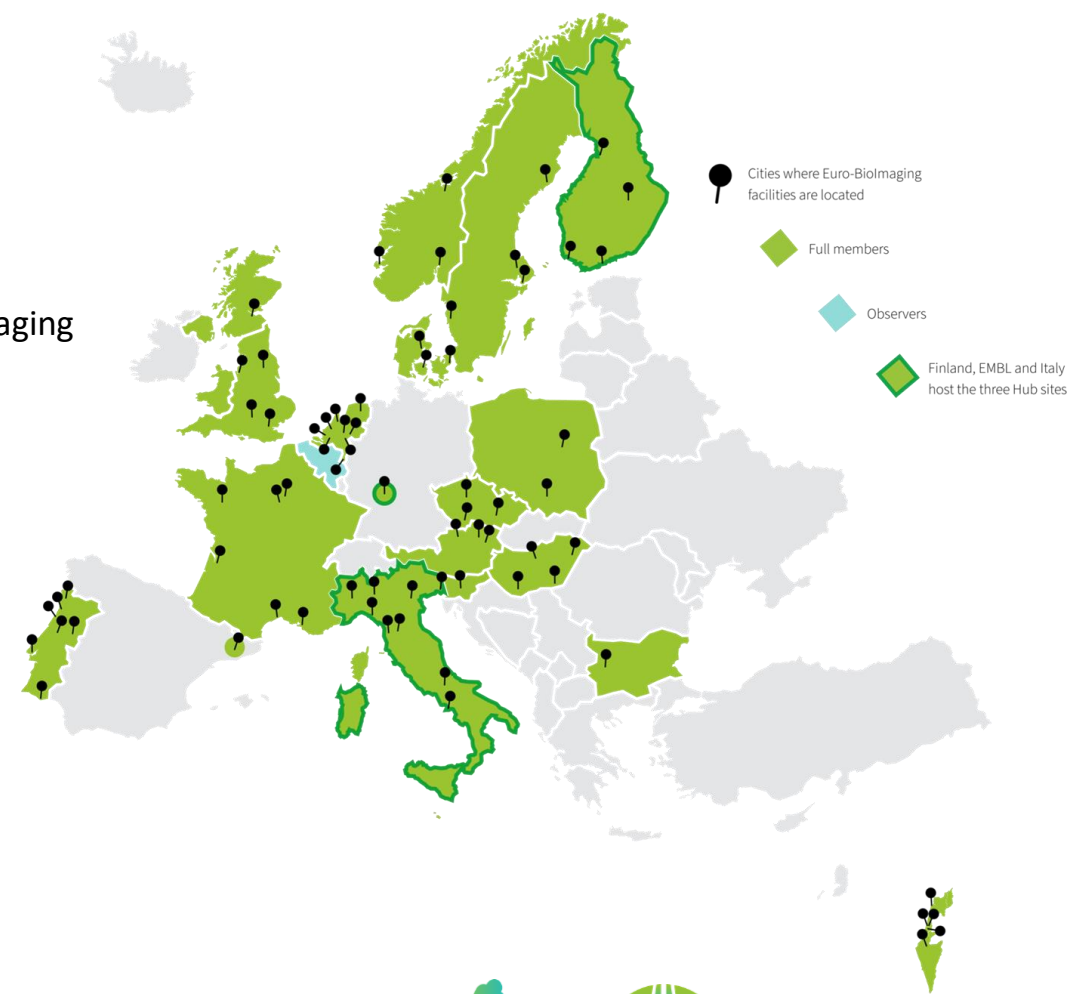


Support to biological imaging events



EURO BIOIMAGING

The European Research Infrastructure for Biological and Biomedical Imaging



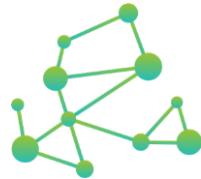
We are proud to be part of a Euro-BioImaging Node, providing open access to imaging technologies & expertise

- ✓ *Euro-BioImaging is a distributed research infrastructure with Nodes across Europe*
- ✓ *Publicly funded, not-for-profit organisation*



17

ERIC MEMBERS



35

NODES



173

SITES



90+

TECHNOLOGIES



www.eurobioimaging.eu



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[@EuroBioImaging](https://twitter.com/EuroBioImaging)

HOW TO COVER USER ACCESS COSTS?

- Users can indicate FBI facilities as **service providers** when requesting grants and include the related budget in their proposals

- **France-BioImaging Access Funding:** This fund is available for **FBI external users*** (national and international) registered through the **EuBI portal**. They will receive a **waiver for the costs of instrument access (up to 750€ per week per project)** on FBI facilities.

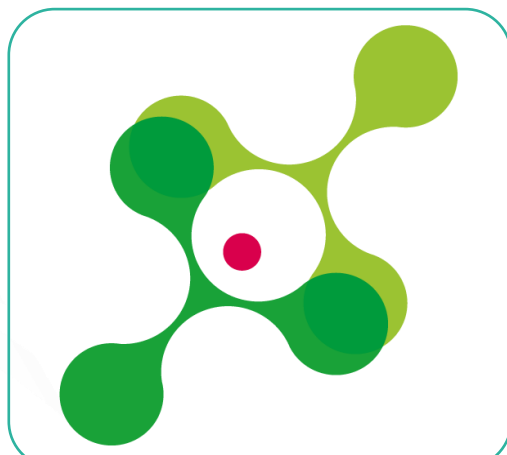
Eligible costs: use of the instrument fees, user training if needed, data processing and analysis, and consumables costs for sample preparation.

Year-round call

→Information: <https://france-bioimaging.org/access/>

**For FBI external users only (i.e. from outside the FBI Node partner institutions or from another FBI Node). Not applicable for users from industry*

France-Biolmaging Access Funding



REGISTRATION

- Go to : <https://www.eurobioimaging.eu/service>, click on “biological Imaging”, select the chosen technology & the French Biolmaging Node as host site.
- Confirm your choice & click on “make a proposal”
- Create your Life Science Login account

SUBMIT YOUR PROPOSAL

- Fill in and submit the simple proposal form
- Highlight the imaging aspects and their importance in the project
- Mention your contact at the FBI facility/lab
- If the project has already undergone an external scientific evaluation (i.e. grant) mention it! It will speed up the scientific evaluation
- You can keep track of your access proposals

ACKNOWLEDGEMENTS

- Don't forget to acknowledge France-Biolmaging facilities/labs in your resulting publications and presentations!
- Guidelines [here](#)

European Calls for Access

Horizon Europe funded projects where FBI nodes will provide access (TransNational Access) through EuBI:



AGROECOLOGY

ONGOING

- For projects in **agroecology, plant biology, soil or marine microorganisms, crop sciences or related topics**
- Imaging services will range from plant-adapted electron and super-resolution microscopy to plant phenotyping and application of medical imaging technologies, such as PET and MRI, on plant samples



canSERV

CANCER

UPCOMING



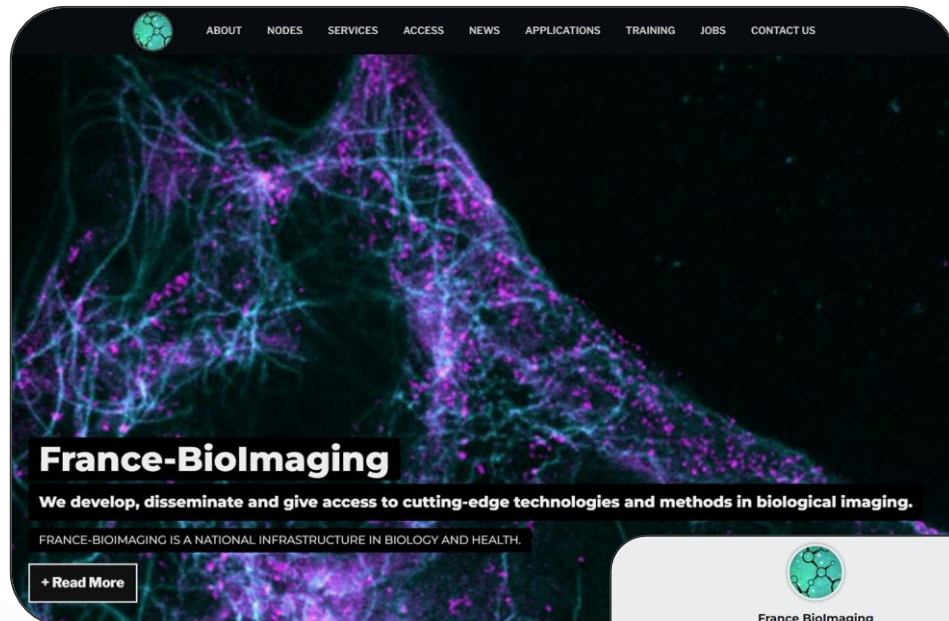
INFECTIOUS DISEASES

ONGOING

- **"Respiratory Pathogens"**: *Zoonotic betaCoronaviruses, Influenza A, Y. pestis, M. tuberculosis / bovis, C. burnetii* - Call is open as long as funding remains available
- **"Vector-borne pathogens and their vectors"**: *Rift valley fever virus, Zika virus, Chikungunya virus, West Nile virus, Dengue virus, Japanese encephalitis virus, Yellow fever virus, Tick-borne encephalitis virus, Plasmodium, B. burgdorferi* - Call is open as long as funding remains available
- **"Risk Group 4 Pathogens"**: *Ebola virus, Marburg virus, Nipah virus, Hendra virus, Lassa virus, New World arenaviruses, CCHF virus*
- **"Other Pathogens with epidemic potential"**: *Pathogen X, Orthopoxviruses, Non polio enteroviruses, Polio enteroviruses*

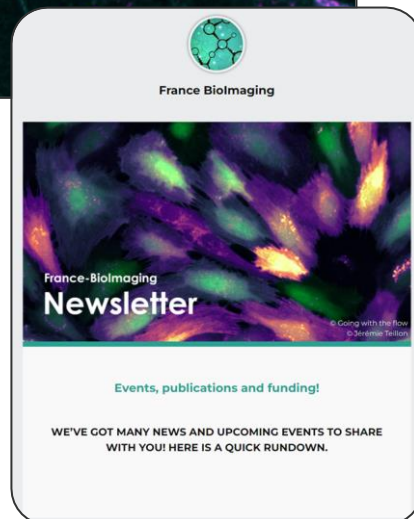
→ **INFORMATION**
Funding for User Access through EuBI

How to keep up with FBI's news?



<https://france-bioimaging.org>

Newsletter



TO SUBSCRIBE

