

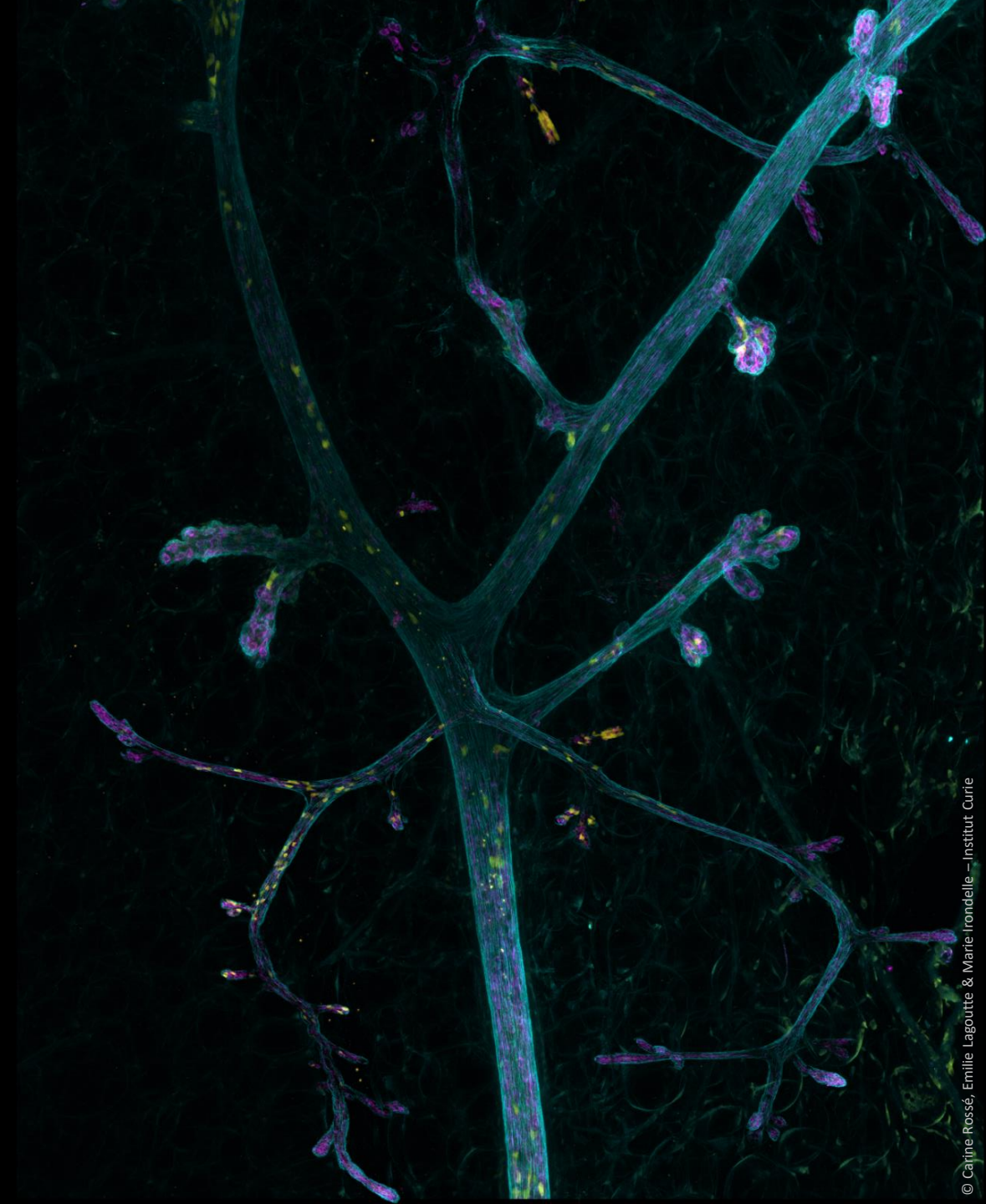


FRANCE-BIOIMAGING

FRENCH RESEARCH INFRASTRUCTURE FOR BIOLOGICAL IMAGING

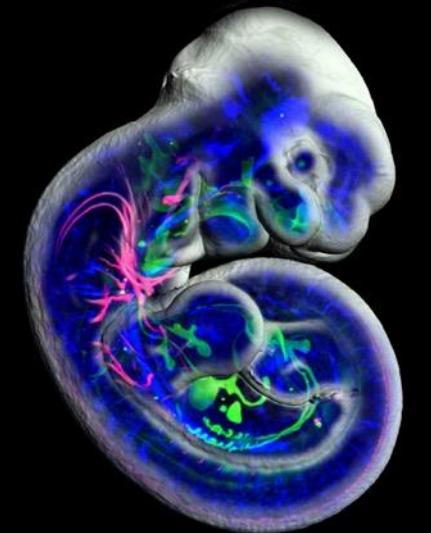
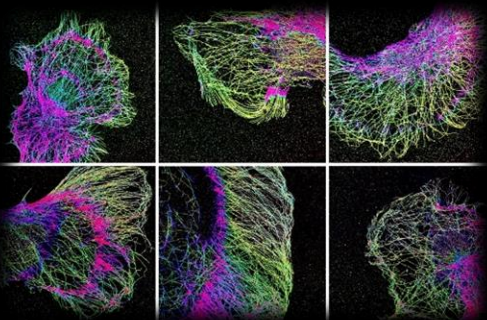
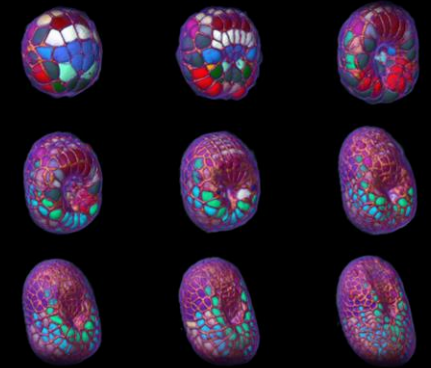
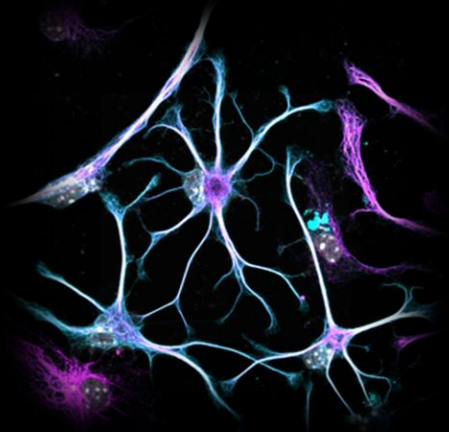
Providing researchers with
access to innovative imaging
technologies and expertise

FRANCE-BIOIMAGING.ORG



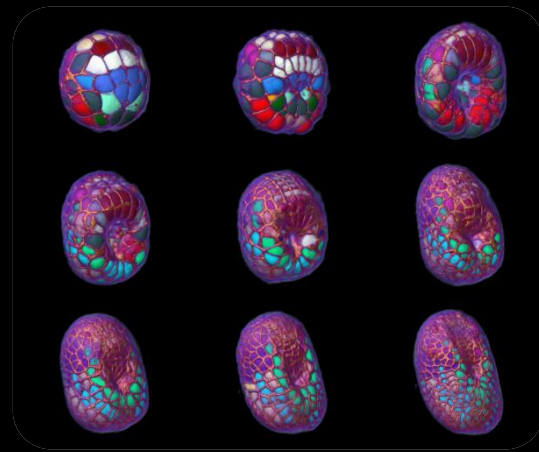
The Imaging Revolution

- Imaging technologies have revolutionised the life sciences
- Researchers can now visualise and measure a broad spectrum of molecular and cellular processes
- Cutting edge imaging technologies provide incredible accuracy and coverage
- In real time, we can visualise the molecular processes of life and the basis of human disease in living cells and tissues
- State-of-the-art imaging technologies allow breakthrough biological discoveries and their translation into medical applications

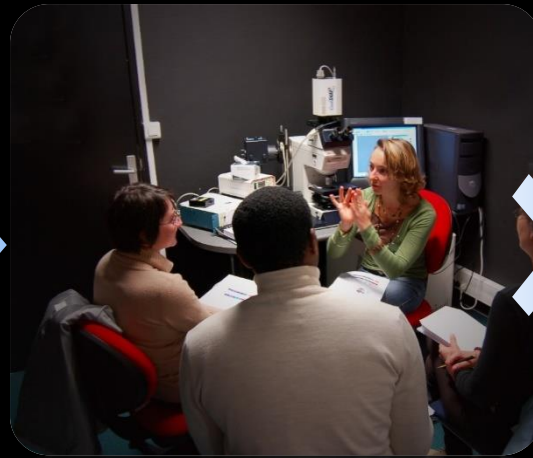




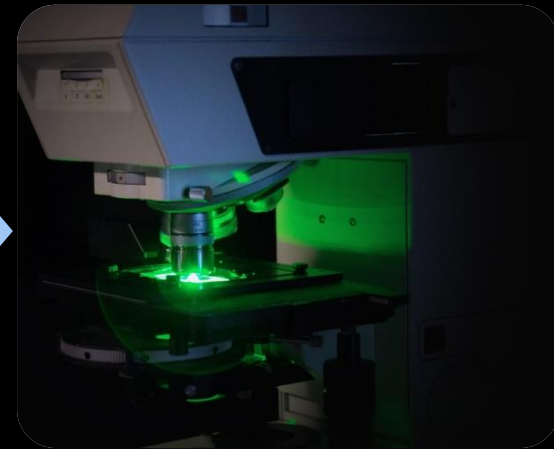
France-BioImaging's Motto



INNOVATION



TRAINING



ACCESS



R&D ACTIVITIES



**INFRASTRUCTURE
ACTIVITIES**



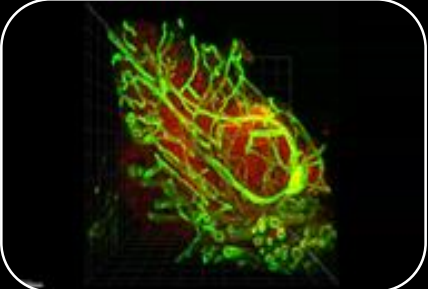
France-BioImaging in a nutshell



- 20 Imaging Core Facilities
 - 54 associated R&D teams
 - ~ 550 staff (engineers & researchers)
 - >350 set-ups
 - ~6000 Users
-
- 7 Nodes with complementary expertises
 - French Node of Euro-BioImaging ERIC
 - Partner in Global BioImaging network

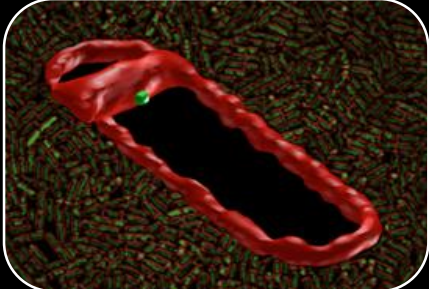


France-BioImaging's Nodes



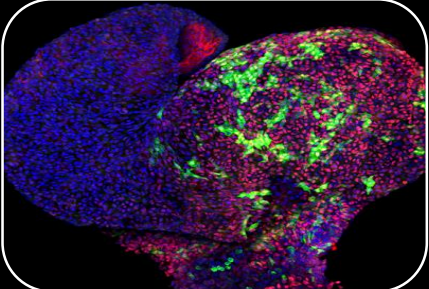
Bretagne Loire Node

- Microscopy for preclinical research
- Cancer Research
- Regenerative Medicine
- Physiopathology



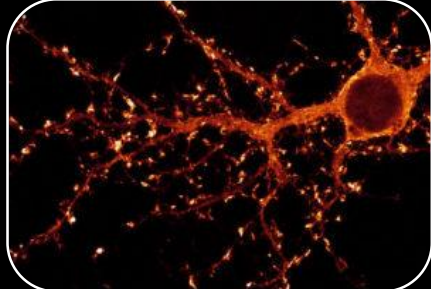
Montpellier Node

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



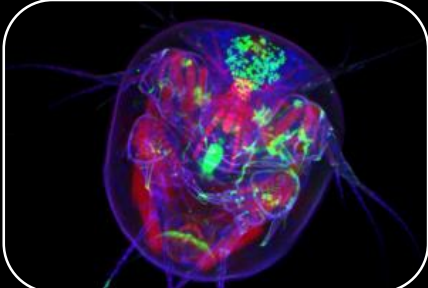
Marseille Node

- Multimodal Imaging
- New contrasts
- Immunology
- Developmental biology



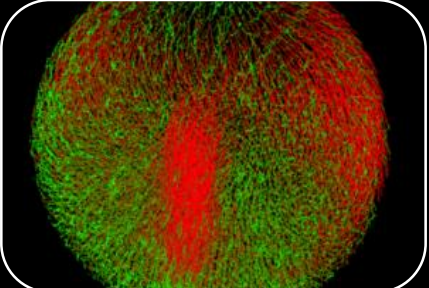
Bordeaux Node

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



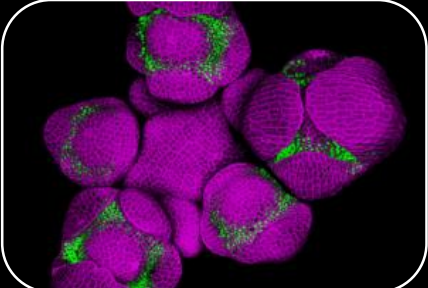
Paris Centre Node

- 3D CLEM
- High Content Screening
- Preclinical imaging
- Optogenetics & Biosensors
- Cell biology
- Host-Pathogens
- Cancer Research



IDF Sud Node

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

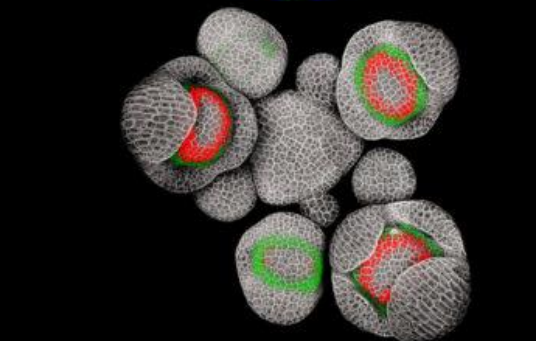
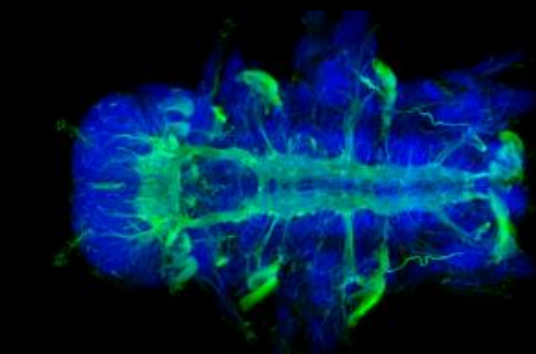
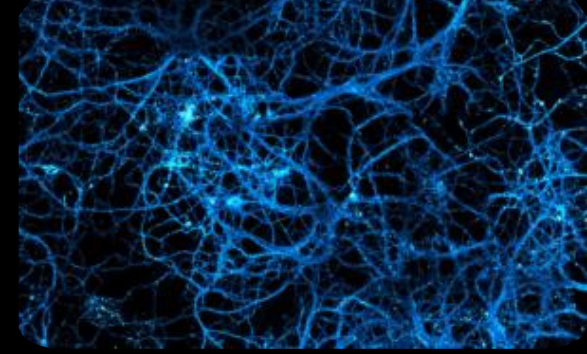


BioImage Informatics Node

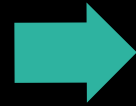
- Bioimage informatics
- Data management
- Software platforms
- Very large data management & Mining
- AIIA and data visualization

France-BioImaging offers:

- ✓ Open access to biological and pre-clinical imaging technologies
- ✓ Quantitative measures and integrative understanding of a wide range of cell and tissue activities in biological models, from the simplest, to small animals in normal and pathological situations
- ✓ Imaging systems and analysis in BSL2 & BSL3 biocontainment facilities
- ✓ Support from expert technical staff
- ✓ Image data processing and analysis tools
- ✓ Training opportunities for everyone
- ✓ A waiver for the costs of instrument access (up to 750€ per week) on its facilities*



Access is easy



REGISTRATION

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

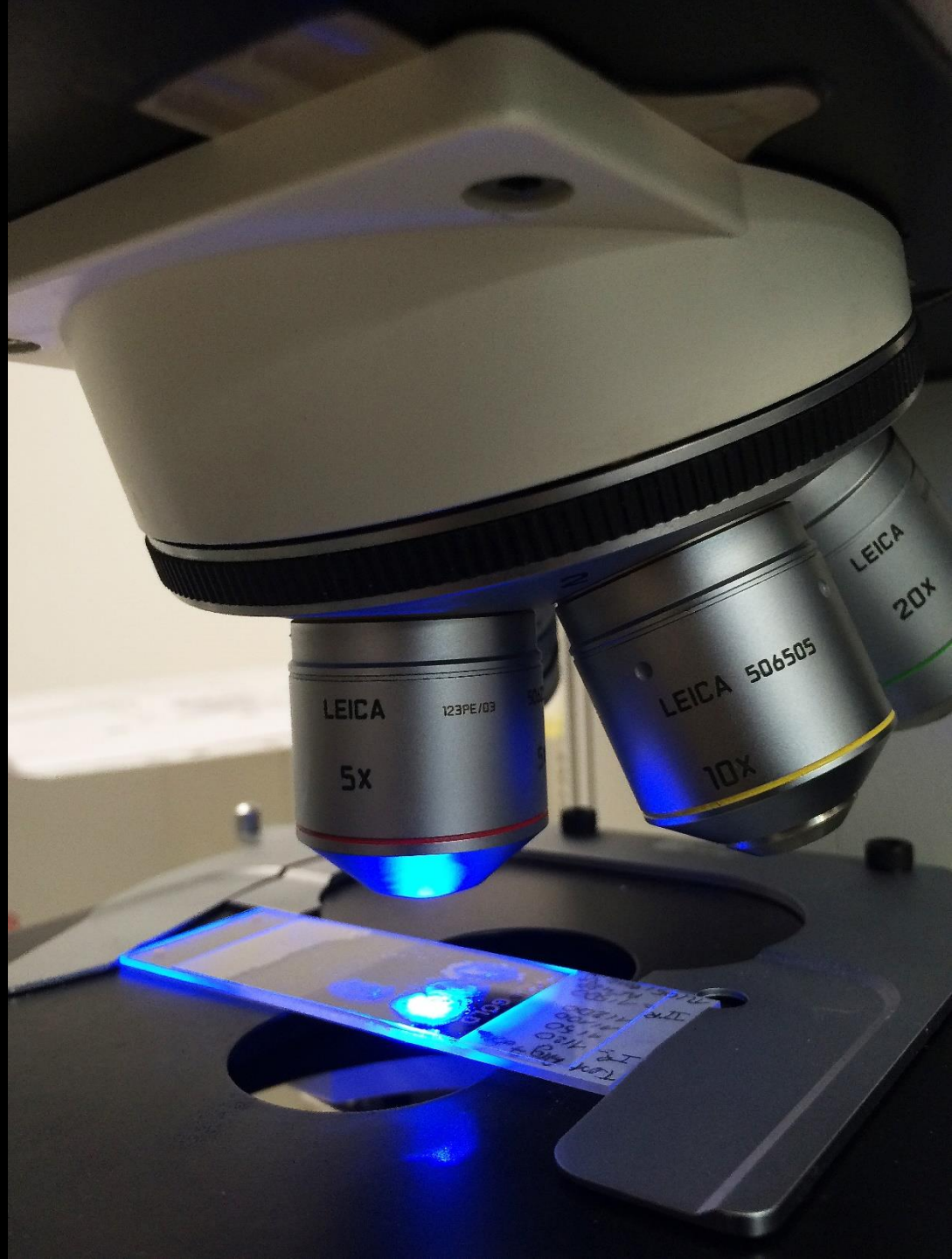
ACKNOWLEDGEMENTS

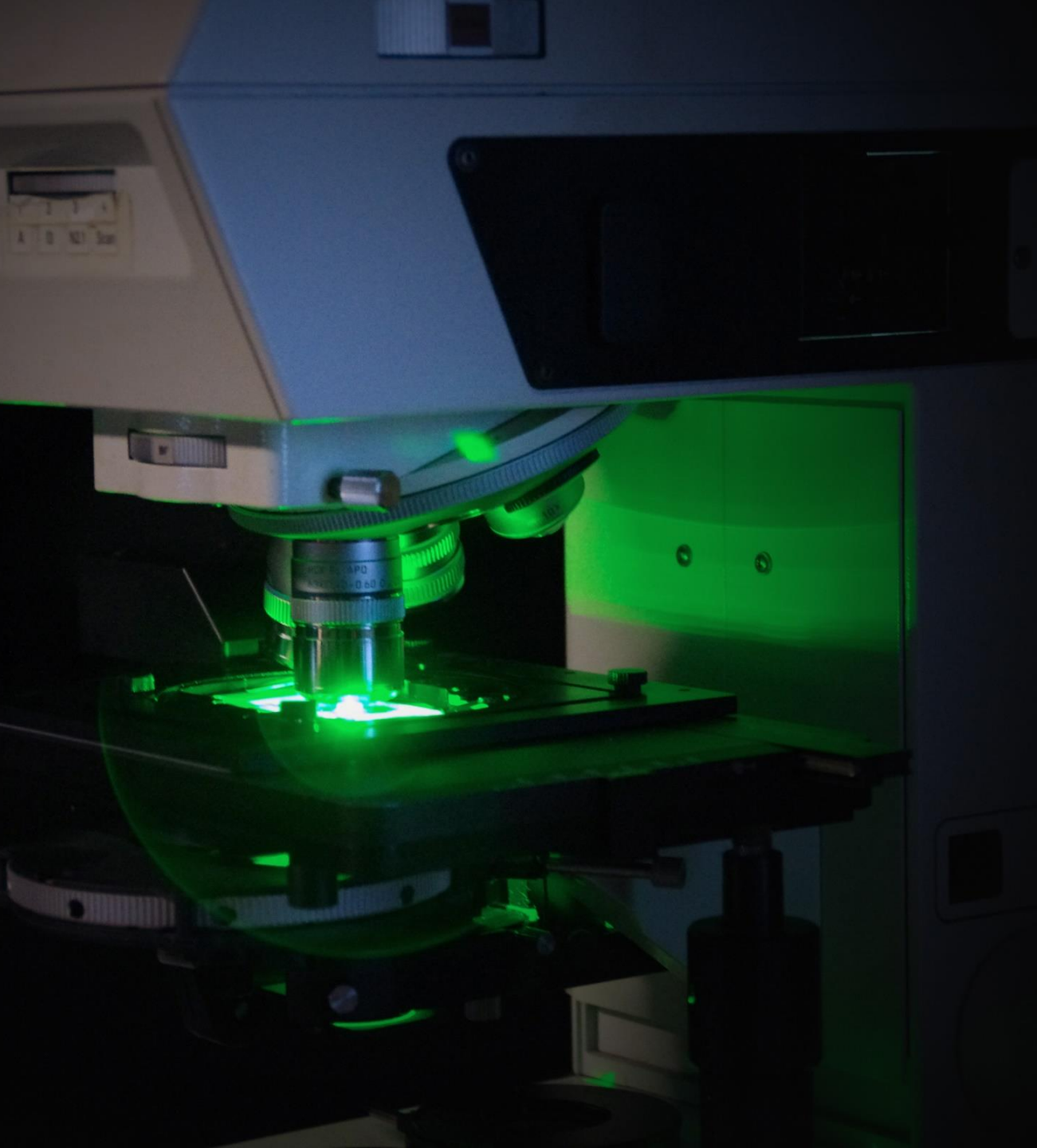
- Don't forget to acknowledge France Bioimaging facilities/labs in your resulting publications and presentations!



FRANCE-BIOIMAGING

- ✓ Open to all scientists from academia and industry
- ✓ Open to any career stage and area of expertise
- ✓ > 20 different imaging technologies (commercial & home-made) & services
- ✓ +20 imaging facilities in 6 regional nodes and one transversal node dedicated to bioimage informatics





User benefits

- ✓ High-quality image data for research
- ✓ Explore a new area of research
- ✓ Establish collaborations
- ✓ Support multi-disciplinary research
- ✓ Extra data for paper or grant
- ✓ Test a technology before buying
- ✓ Improve or learn new skills
- ✓ Learn from the experts



The French National Research Infrastructure for Biological Imaging



france-bioimaging.org

france-bioimaging.org/access/



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If you'd like more information, please get in touch:

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