

# The “BioImaging Spain” network of excellence

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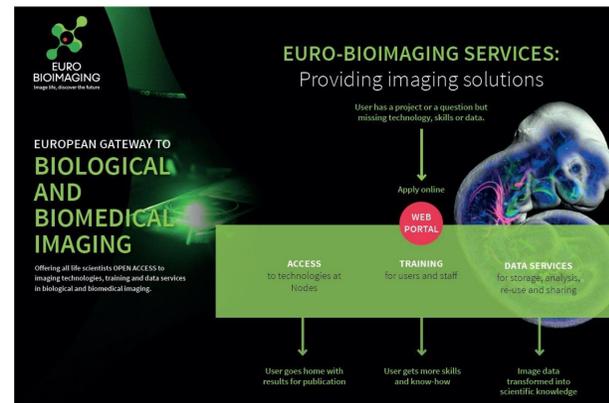
## ABSTRACT

“BioImaging Spain” (BIO2017-90939-REDE) was formed in 2018 with the support and funding of the Spanish “Networks of Excellence” Initiative of the Spanish Ministry of Science, Innovation and Universities (AEI/MCIU). Spanish institutes participating in the currently five proposed Spanish nodes for the “Euro-BioImaging” ERIC aim to offer a range of activities to promote the use of the technologies available in their centers by external researchers from Spain and Europe and to thus prepare a future Spanish participation in Euro-BioImaging. The participating institutes are located in Barcelona (Centre for Genomic Regulation, CRG, Institute for Research in Biomedicine, IRB, Institute of Photonic Sciences, ICFO, University of Barcelona, UB), Bilbao (Basque Centre for Biophysics, Biofisika, Basque Center for Neuroscience, Achucarro) and Valencia (Medical Imaging Data Bank, BIMCV). The technical offer of the biological imaging node candidates (Barcelona, Bilbao) includes super-resolution microscopy, mesoscopic imaging, intravital imaging and functional imaging. The Medical Imaging Data Bank (Valencia) offers services in population imaging. “BioImaging Spain” aims to contribute to the establishment and propagation of open access as an essential part of the scientific activity both in Spain and Europe.

## Institutes participating in Spanish Node proposals for EU-BI



## EURO-BIOIMAGING (EU-BI) European Research Infrastructure Consortium (ERIC)



Euro-BioImaging is the European landmark research infrastructure for biological and biomedical imaging as recognised by the European Strategy Forum on Research Infrastructures (ESFRI). Through Euro-BioImaging, life scientists can access imaging instruments, expertise, training opportunities and data management services that they might not find at their home institutions or among their collaboration partners. All scientists, regardless of their affiliation, area of expertise or field of activity can benefit from these pan-European open access services, which are provided with high quality standards by leading imaging facilities.

- Access to imaging technologies: 21 Nodes, located in 9 different countries across Europe.
- Expert training and support
- Image data management

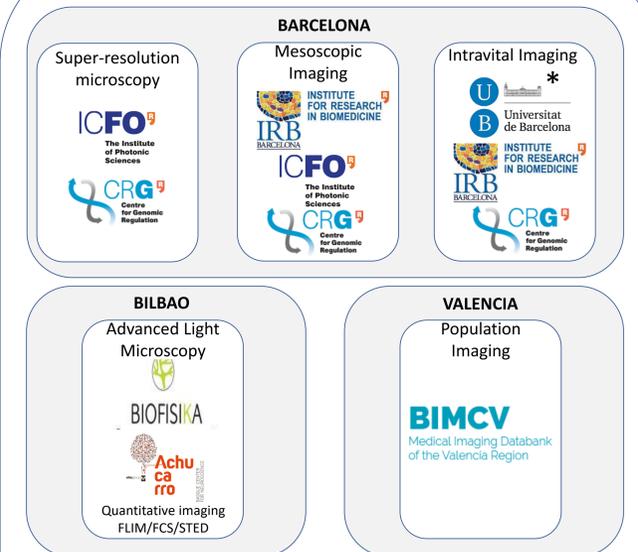


Spanish participation

Spanish institutes have actively participated in the Eu-BI project since the early preparatory phase. With the support of the ministry several node proposals were submitted in the first open call for node expressions of interest in 2013 and reviewed by an external board of experts. Spain participated in the interim phase of ERIC construction and proposed the here described nodes for interim operation.

Spain is not yet a member of the Eu-BI ERIC, but will join upon the completion of a convenio between Spain and the participating institutes regulating the Spanish participation.

## BIOIMAGING SPAIN



## Structure

BioImaging Spain is made up of the majority of the institutes participating in the current Spanish node proposals for EU-BI (except \*).

To maximize compatibility between the European and the national initiatives, it retains the organizational structure of the EU-BI node proposals that is centered around different areas of expertise in three different geographical locations.

BioImaging Spain aims to define and test the requirements for open access provision in the different locations and technologies to enable the future operation at the European level.

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