

REDIB NEWSLETTER

ReDIB
Distributed Biomedical
Imaging Network



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ReDIB's Growth & Success in 2024



Services in state-of-the-art biomedical imaging facilities

More visibility in indexed journals and scientific events

Improved visibility in social and scientific networks

Other results:

1. Renewal and updating of essential equipment
2. Improvement of access protocol.
3. More communication among nodes
4. Enhanced collaborations with research centers
5. Actualization of access committee
6. Design of a satisfaction survey



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2024 ACCESS RESULTS

37 research proposals (97 % acceptance rate).
28 articles with a median IF 8.0 and 79% Q1.
31 scientific and technical collaborations.
132 training activities
35 outreach actions
Several patent families, licensed patents and other IP rights.

FUTURE INVESTMENTS PERIOD 2025–2028

NEW FACILITIES

Intravital microscopy
Fast field cycling NMR relaxometry
GMP radiochemistry Laboratory
Hydrogen hyperpolarizer
Hybrid MRI-Catheterization Laboratory
Computational Imaging Lab
Micro-CT high resolution
Clinical 7 T MRI

UPGRADE FACILITIES

Preclinical 7 T MRI
NMR system
Clinical 3 T MRI
Preclinical PET/MRI system

New and upgraded facilities are crucial for maintaining the ReDIB's competitive edge and meeting evolving research demands. Also maintain high throughput and avoid obsolescence, ensuring functionality and compatibility with modern imaging standards.



OBJECTIVES FOR THE PERIOD 2025–2028

1. To continue providing cutting-edge imaging services
2. To strengthen cooperation with research centers
3. To promote scientific innovation and translational research
4. To incorporate **metabolomic imaging studies**
5. To integrate **Artificial Intelligence to biomedical imaging**



The Future in Images

Attracting External Researchers and Industry Partners
Promoting the transfer of knowledge and innovation.
Establishing Leadership in Imaging Sciences

ReDIB supports researchers, from academy to industry, to develop projects at molecular, cellular, organ and organism levels, using the latest technology and highly skilled scientific and technical personnel.