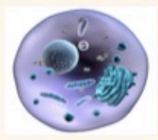
French National Research Network in Biophotonics: ImaBio

http://imabio-cnrs.fr/inscription/

Acting together to bring light into life science

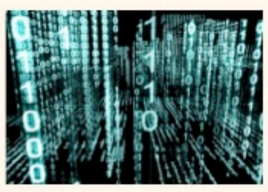
A national Interdisciplinarity consortium of more than 120 labs

Physics

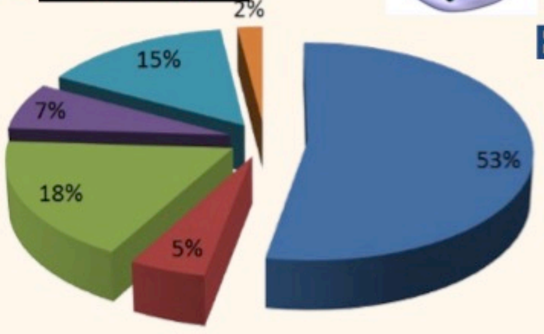


Biology

> 120 labs
> 900 members



BioImage Analysis



Instrumentation

Chemistry

Bringing people together to solve questions related to microcopy for Biology

Developing new approaches for observing & understanding life mechanisms at the cellular level.

Four main missions

1. Stimulate the development of bioimaging techniques, from subcellular structures to model organisms.
2. Support the creation of spinoffs and added value of academic research bringing together academic and industrial partners.
3. Enhance technology and knowledge transfer in biophotonics and life cell imaging, notably with the thematic school MiFoBio.
4. Contribute at the European and international visibility of this interdisciplinary community.

Five thematic axes

1. Subcellular architecture and molecular dynamics at the nanoscale
2. Bioimage informatics
3. Waves and physics for new multiscale imaging methods
4. Measuring and modeling molecular interactions and dynamics
5. Manipulation and quantification in cell and tissue imaging

MiFoBio2018
GdR ImaBio
CNRS-Inserm-Aviesan-FBI-RTmfm

A light French touch in biophotonics

Job offers for PhD, postdoc or engineer positions in biophotonics

Mailing list for networking and specific exchange between scientists

Think Tank on know-how and technological developments