

**PICT-IBiSA:
DEVELOPMENTS ON A MULTI-SCALE IMAGING PLATFORM**

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The BioImaging Cell and Tissue Core Facility of the Institut Curie (PICT-IBiSA) gathers highly sophisticated equipment and up to date technologies in advanced microscopy. The facility is located in several strategic locations around and inside Paris. Its main goal is to provide the best tools for each biological application for the scientific community. This facility, with the Nikon Imaging Center included, houses over 60 advanced systems organized around three major axes (optical microscopy, electron microscopy and NanoSIMS).

The Staff members teach, train users and are responsible for continuous evaluation of newly available systems and technologies. It is further part of the mission to anticipate new challenges as new biological questions appear. There is a constant need to develop valuable and accurate solutions for all users, which range from biologists, biophysicists and physicists to physicians. The platform is therefore strongly involved in developing new hardware, applications and software solutions.

We will present innovative tools developed during the last decade by the facility staff and collaborators and used daily by researchers. The Staff members organize and teach in national and international training courses and workshops. The BioImaging Cell and Tissue Core Facility has been officially recognized with the IBiSA quality label for French national platforms. The platform is a member of France BioImaging, the national research infrastructure for biological imaging, which in turn is the French node of the ESFRI project EuroBioImaging.

