The Cell and Tissue Imaging Platform (PICT) provides services, training and technological innovation in cellular imaging to academic and private scientific communities, in life science and health.

The platform is labelled “Infrastructure in Biology, Health and Agronomy” (IBiSA) and is a member of the France-BioImaging & Euro-Bioimaging infrastructures.

Our expertise covers multi-scale imaging from the molecule to the organism in the field of cancer research. The imaging center is composed of 3 poles: photonic microscopy, electron microscopy & CryoEM and high-content screening (HCS, Biophenics).
**Mission**

- Provide state-of-the-art technologies and expertise in photonic, electron & CryoEM microscopy, HCS (Biophenics) and image analysis,
- Provide training, assistance and advice to users,
- Carry out technical, methodological and software developments,
- Collaborate on science and technology projects,
- Participate in the dissemination of knowledge (training courses, congresses, open lab, etc.) at national and international level.

The platform is open to all researchers, both internal and external to the Institut Curie.

**Newsletter**

- June 2021
- March 2021
- Dec 2020
- Sept 2020
News

Two recent publications:

  *Nature Structural & molecular biology*: [https://doi.org/10.1038/s41594-020-0492-7](https://doi.org/10.1038/s41594-020-0492-7)

  *Nature Communications*: 11 : 2663 : [DOI : 10.1038/s41467-020-16368-5](https://doi.org/10.1038/s41467-020-16368-5)

A little about the facility history...

PICT-IBiSA at Institut Curie won official recognition as an operational platform in life sciences.
Since 2007, in close collaboration with Nikon France, Nikon BV and other industrial partners, PICT-IBiSA also hosts and administers the Nikon Imaging Centre @ Institut Curie-CNRS (http://nimce.curie.fr/), one of three centers of this kind in Europe, one of the nine, worldwide.

Key publications

Year of publication 2021


Year of publication 2020


François Dossin, Inês Pinheiro, Jan J Żylicz, Julia Roensch, Samuel Collombet, Agnès Le Saux, Tomasz Chelmicki, Mikaël Attia, Varun Kapoor, Ye Zhan, Florent Dingli, Damarys Loew, Thomas Mercher, Job Dekker, Edith Heard (2020 Feb 7)
SPEN integrates transcriptional and epigenetic control of X-inactivation.

Year of publication 2019

Gaelle Boncompain, Nelly Gareil, Sarah Tessier, Aurianne Lesecure, Thouis R Jones, Oliver Kepp, Guido Kroemer, Elaine Del Nery, Franck Perez (2019 Nov 5)
BML-265 and Tyrphostin AG1478 Disperse the Golgi Apparatus and Abolish Protein Transport in Human Cells.

Targeting CCR5 trafficking to inhibit HIV-1 infection.
Science advances : eaax0821 : DOI : 10.1126/sciadv.aax0821