## **Resource Summary Report**

Generated by RRID on Apr 17, 2025

# Catholic University of Louvain Institute of Experimental and Clinical Research Imaging Platform Core Facility

RRID:SCR\_023378

Type: Tool

## **Proper Citation**

Catholic University of Louvain Institute of Experimental and Clinical Research Imaging Platform Core Facility (RRID:SCR\_023378)

#### Resource Information

URL: https://uclouvain.be/en/research-institutes/irec/2ip

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**Description:** Core provided services include paraffin embedding, paraffin and cryo sectioning, histological stainings, immunostainings; Image acquisition includes brightfield, fluorescence and polarized light whole slide imaging,2D fluorescence microscopy, 3D fluorescence microscopy; Image analysis includes 2D images: ImageJ/Fiji support – ZEN Analysis (Zeiss),2D whole slide scans: Author (Visiopharm), Halo (Indicalab), QuPath, 3D images: Arivis (Zeiss), Imaris (Bitplane).

Abbreviations: 2IP

**Synonyms:**, 2IP, Institute of Experimental and Clinical Research Imaging platform, IREC Imaging platform (2IP), IREC Imaging platform

Resource Type: access service resource, core facility, service resource

**Keywords:** UCLouvain, Institute of Experimental and Clinical Research, optical imaging platform, sample preparation services, USEDit, ABRF

#### **Funding:**

Availability: Open

Resource Name: Catholic University of Louvain Institute of Experimental and Clinical

Research Imaging Platform Core Facility

Resource ID: SCR\_023378

**Record Creation Time:** 20230321T180026+0000

**Record Last Update:** 20250412T060540+0000

### **Ratings and Alerts**

No rating or validation information has been found for Catholic University of Louvain Institute of Experimental and Clinical Research Imaging Platform Core Facility.

No alerts have been found for Catholic University of Louvain Institute of Experimental and Clinical Research Imaging Platform Core Facility.

#### Data and Source Information

Source: SciCrunch Registry

## Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Van den Bossche V, et al. (2025) PPAR?-mediated lipid metabolism reprogramming supports anti-EGFR therapy resistance in head and neck squamous cell carcinoma. Nature communications, 16(1), 1237.

Derouane F, et al. (2024) Metabolic adaptation towards glycolysis supports resistance to neoadjuvant chemotherapy in early triple negative breast cancers. Breast cancer research: BCR, 26(1), 29.

G?owacka K, et al. (2024) Acid-exposed and hypoxic cancer cells do not overlap but are interdependent for unsaturated fatty acid resources. Nature communications, 15(1), 10107.

Giudice MG, et al. (2024) Long-term culture of human Sertoli cells from adult Klinefelter patients as a first step to develop new tools for unravelling the testicular physiopathology. Human reproduction (Oxford, England), 39(11), 2400.

Buemi A, et al. (2024) Exploring Preservation Modalities in a Split Human Pancreas Model to Investigate the Effect on the Islet Isolation Outcomes. Transplantation direct, 10(7), e1654.

Gerard L, et al. (2024) Airway epithelium damage in acute respiratory distress syndrome. Critical care (London, England), 28(1), 350.