

Resource Summary Report

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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: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on December 5, 2025. 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, service resource, core facility

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

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

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: 20260806T054749+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 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

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

Ajith A, et al. (2025) Progression to fibrosis and hepatocellular carcinoma in DEN CCl₄ liver mice, is associated with macrophage and striking regulatory T cells infiltration. Frontiers in immunology, 16, 1601215.

Perez L, et al. (2025) Unique transcriptomic responses of rat and human alveolar macrophages in an in vitro model of overload with TiO₂ and carbon black. Particle and fibre toxicology, 22(1), 8.

Mottais A, et al. (2025) CC16 Expression Restoration in Sputum of People With Cystic Fibrosis After Initiation of Elexacaftor/Tezacaftor/Ivacaftor. Archivos de bronconeumologia.

Perez L, et al. (2025) Transcriptomic profile of TiO₂ particle overload in rat alveolar macrophages: examining responses between P25 and two pigment grade particles in vitro. Archives of toxicology.

Cacciottola L, et al. (2025) Age-related changes in mitochondrial markers and telomere dynamics during initial growth of human preantral follicles. Journal of assisted reproduction and genetics.

Octave M, et al. (2025) Deleting ACC1 in platelets alters phospholipidome and reduces platelet activation and thrombosis in mice. Blood advances, 9(18), 4553.

Paone P, et al. (2024) Human milk oligosaccharide 2'-fucosyllactose protects against high-fat diet-induced obesity by changing intestinal mucus production, composition and

degradation linked to changes in gut microbiota and faecal proteome profiles in mice. *Gut*, 73(10), 1632.

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.

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.