

Resource Summary Report

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Paris Brain Institute Quantitative Cellular and Molecular Imaging Core Facility

RRID:SCR_026393

Type: Tool

Proper Citation

Paris Brain Institute Quantitative Cellular and Molecular Imaging Core Facility
(RRID:SCR_026393)

Resource Information

URL: <https://quant.institutducerveau.org>

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Description: Core provides expertise in optical microscopy, electron microscopy, and image analysis for neuroscience research. The platform is open to all researchers. Offers access to advanced technologies, including electron microscopy, confocal microscopy, two-photon imaging, and super-resolution microscopy.

Abbreviations: ICM.Quant

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

Keywords: ABRF, optical microscopy, electron microscopy, image analysis, confocal microscopy, two-photon imaging, super-resolution microscopy,

Funding: Cancéropôle 2024-1-STRUCT-01-ICM-1;
CNRS UMR 7225;
DIM ITAC 23003059 - 23003070;
Fondation NRJ ;
INSERM U 1127;
LUMIC-IBiSA ;
Neuratris ;
Paris Brain Institute - ICM ;
Sorbonne Université UM 75

Availability: Open

Resource Name: Paris Brain Institute Quantitative Cellular and Molecular Imaging Core Facility

Resource ID: SCR_026393

Alternate IDs: ABRF_3038

Alternate URLs: <https://coremarketplace.org/?FacilityID=3038&citation=1>

Record Creation Time: 20250207T060346+0000

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Ratings and Alerts

No rating or validation information has been found for Paris Brain Institute Quantitative Cellular and Molecular Imaging Core Facility.

No alerts have been found for Paris Brain Institute Quantitative Cellular and Molecular Imaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Maletic M, et al. (2026) Mosaic human cortical organoids model mTOR-related focal cortical dysplasia through DEPDC5 deletion. *Brain : a journal of neurology*.

Osinski C, et al. (2026) Characterization of jejunal enteroids in human obesity; a model for studying GLP-1 cells. *International journal of obesity* (2005), 50(4), 916.

de Launoit E, et al. (2026) The spatiotemporal dynamics of postnatal vascularization in the mouse brain. *Cell*, 189(10), 3107.

Hammoudi A, et al. (2026) Antibody-mediated targeting of SOSIP HIV-1 Env to skin Langerhans cells potentiates humoral responses. *EBioMedicine*, 127, 106269.

Campeanu A, et al. (2026) Differential regulation of proteolytic pathways in the diaphragm during mechanical ventilation. *Respiratory medicine*, 251, 108577.

Carpentier R, et al. (2025) Structure of the Huntingtin F-actin complex reveals its role in cytoskeleton organization. *Science advances*, 11(38), eadw4124.

Lenoel I, et al. (2025) ALS/FTD-linked TBK1 deficiency in microglia induces an aged-like microglial signature and drives social recognition deficits in mice. *Nature communications*,

16(1), 7951.

Baldassari S, et al. (2025) Single-cell genotyping and transcriptomic profiling of mosaic focal cortical dysplasia. *Nature neuroscience*, 28(5), 964.

Andretto de Mattos B, et al. (2025) Uric Acid, the End-Product of Purine Metabolism, Mitigates Tau-Related Abnormalities: Comparison with DOT, a Non-Antibiotic Oxytetracycline Derivative. *Biomolecules*, 15(7).

De Stasi AM, et al. (2025) Alterations of Adult Prefrontal Circuits Induced by Early Postnatal Fluoxetine Treatment Mediated by 5-HT₇ Receptors. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(6).

Masson MA, et al. (2025) Post-synaptic density proteins in oligodendrocytes are required for activity-dependent myelin sheath growth. *iScience*, 28(10), 113624.

Noël E, et al. (2025) Biallelic null RAB3GAP1 variants impair cortical development and autophagy in Warburg Micro syndrome: evidence from fetal brain tissue and patient fibroblasts. *Acta neuropathologica communications*.

Parsai LH, et al. (2025) Astrocyte-neuron combined targeting for CYP46A1 gene therapy in Huntington's disease. *Acta neuropathologica communications*, 13(1), 184.

Rebière C, et al. (2025) Combined pharmacological targeting of CD9+ progenitors alleviates obesity-induced adipose tissue fibrosis and metabolic impairment. *Cell reports. Medicine*, 6(7), 102197.

González-Lizárraga F, et al. (2025) Protein Coaggregation in Caribbean Atypical Parkinsonism: The Contribution of Annonacin. *Neuropathology and applied neurobiology*, 51(4), e70026.

Mohylyak I, et al. (2025) Temporal transcriptional regulation of mitochondrial morphology primes activity-dependent circuit connectivity. *Nature communications*, 16(1), 8173.

De Bertier S, et al. (2025) MAPT mutations in amyotrophic lateral sclerosis: clinical, neuropathological and functional insights. *Journal of neurology*, 272(4), 272.

Morabito A, et al. (2025) Distinct dendritic integration strategies control dynamics of inhibition in the neocortex. *Neuron*.

Amanzougaghene N, et al. (2024) Azithromycin disrupts apicoplast biogenesis in replicating and dormant liver stages of the relapsing malaria parasites *Plasmodium vivax* and *Plasmodium cynomolgi*. *International journal of antimicrobial agents*, 63(5), 107112.

Fortier M, et al. (2024) Decreasing ganglioside synthesis delays motor and cognitive symptom onset in Spg11 knockout mice. *Neurobiology of disease*, 199, 106564.