

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, service resource, core facility

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

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

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

Record Last Update: 20260729T044637+0000

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 19 mentions in open access literature.

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

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

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.

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

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.

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

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.

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

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

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

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*.

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).

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

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.

Baudouin L, et al. (2024) Antagonistic actions of PAK1 and NF2/Merlin drive myelin membrane expansion in oligodendrocytes. *Glia*, 72(8), 1518.

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

Voland L, et al. (2023) Tissue pleiotropic effect of biotin and prebiotic supplementation in established obesity. *American journal of physiology. Endocrinology and metabolism*.

Ronzano R, et al. (2021) Microglia-neuron interaction at nodes of Ranvier depends on neuronal activity through potassium release and contributes to remyelination. *Nature communications*, 12(1), 5219.