

Resource Summary Report

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Leica: CM1950 Cryostat

RRID:SCR_018061

Type: Tool

Proper Citation

Leica: CM1950 Cryostat (RRID:SCR_018061)

Resource Information

URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018061.pdf

Proper Citation: Leica: CM1950 Cryostat (RRID:SCR_018061)

Description: Highly adaptable cryostat platform that can be tailor-made for each laboratory. Cryostat with encapsulated microtome and separate specimen cooling features UV disinfection system, optional integrated extraction system for section waste and optional motor for motorized sectioning. Designed to produce frozen sections for biological, medical and industrial applications.

Synonyms: CM1950 Cryostat

Resource Type: instrument resource

Keywords: ABRF, Cryostat, Leica, instrument, equipment

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018061.pdf

Resource Name: Leica: CM1950 Cryostat

Resource ID: SCR_018061

Alternate IDs: Model_Number_CM1950

Old URLs:

https://drp8p5tqcb2p5.cloudfront.net/fileadmin/downloads_lbs/Leica%20CM1950/User%20Manuals/

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260725T190844+0000

Ratings and Alerts

No rating or validation information has been found for Leica: CM1950 Cryostat.

No alerts have been found for Leica: CM1950 Cryostat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wang R, et al. (2026) Constructing the spatiotemporal atlas of single-cell lineage trajectories in stereotypic biological structures. *iScience*, 29(1), 114307.

Lee E, et al. (2026) Angiopoietin-2 aggravates Alzheimer's disease by promoting blood-brain barrier dysfunction and neuroinflammation. *Cell reports*, 116621.

Xu H, et al. (2025) The isoflavone puerarin promotes generation of human iPSC-derived pre-oligodendrocytes and enhances endogenous remyelination in rodent models. *Journal of neurochemistry*, 169(1), e16245.

Lefner MJ, et al. (2025) Flexible updating of reward and punishment contingencies by VTA GABA neurons. *Current biology : CB*, 35(16), 3973.

Reilmann Y, et al. (2025) Extracellular ERp57 promotes fibronectin fibril formation during matrix assembly of articular cartilage. *iScience*, 28(12), 114046.

Morioka K, et al. (2025) Disuse plasticity limits spinal cord injury recovery. *iScience*, 28(4), 112180.

Feichtenbiner AB, et al. (2025) Satellite microglia: marker of traumatic brain injury and regulator of neuronal excitability. *Journal of neuroinflammation*, 22(1), 9.

Jiang Z, et al. (2025) Sex-Specific Distribution of Glycine Transporter 2 in the Central Nervous System of Adult GlyT2-iCre-tdTomato Mouse Brain. *Journal of neurochemistry*, 169(7), e70135.

Moreno-García A, et al. (2025) In Vivo Assessment of Cortical Astrocyte Network Dysfunction During Autoimmune Demyelination: Correlation With Disease Severity. *Journal of neurochemistry*, 169(2), e16305.

Chen J, et al. (2025) Distinct Roles of Astrocytes and GABAergic Neurons in the Paraventricular Thalamic Nucleus in Modulating Diabetic Neuropathic Pain. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(8).

Saha S, et al. (2025) Acute dietary methionine restriction triggers cell cycle arrest and reversible growth defects in the neocortex. *iScience*, 28(6), 112705.

Shimogori T, et al. (2024) Molecular architecture of primate specific neural circuit formation. *Research square*.

Liang L, et al. (2024) An open-source MRI compatible frame for multimodal presurgical mapping in macaque and capuchin monkeys. *Journal of neuroscience methods*, 407, 110133.

Atudorei M, et al. (2024) Bilateral chemogenetic activation of intratelencephalic neurons in motor cortex reduces spontaneous locomotor activity in mice. *Neurobiology of disease*, 204, 106755.

Hamacher C, et al. (2024) A revised conceptual framework for mouse vomeronasal pumping and stimulus sampling. *Current biology : CB*, 34(6), 1206.

Tobochnik S, et al. (2024) Pilot Trial of Perampanel on Peritumoral Hyperexcitability in Newly Diagnosed High-grade Glioma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(23), 5365.

Abrahamsson A, et al. (2024) Increased matrix stiffness enhances pro-tumorigenic traits in a physiologically relevant breast tissue- monocyte 3D model. *Acta biomaterialia*, 178, 160.

Song C, et al. (2023) Aminoprocaltitonin protects against hippocampal neuronal death via preserving oxidative phosphorylation in refractory status epilepticus. *Cell death discovery*, 9(1), 144.

Xue CY, et al. (2023) Hippocampus Insulin Receptors Regulate Episodic and Spatial Memory Through Excitatory/Inhibitory Balance. *ASN neuro*, 15, 17590914231206657.

Li Y, et al. (2023) Sexual dimorphic distribution of G protein-coupled receptor 30 in pain-related regions of the mouse brain. *Journal of neurochemistry*.