

# Resource Summary Report

Generated by PRECISE-TBI on Sep 9, 2026

## Leica: Thunder Imager Live Cell system

RRID:SCR\_023794

Type: Tool

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### Proper Citation

Leica: Thunder Imager Live Cell system (RRID:SCR\_023794)

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### Resource Information

**URL:** <https://www.leica-microsystems.com/products/thunder-imaging-systems/p/thunder-imager-3d-live-cell/>

**Proper Citation:** Leica: Thunder Imager Live Cell system (RRID:SCR\_023794)

**Description:** Advanced widefield microscope enabling use of 3D specimens with camera based fluorescence microscopes. System ensures low phototoxicity and photobleaching, i.e., higher throughput with optimal conditions.

**Synonyms:** , Thunder Imager, Thunder Imaging system, THUNDER Imager Live Cell, THUNDER Imager

**Resource Type:** instrument resource

**Keywords:** Leica, USEDit, microscope, camera, 3D speciment, fluorescence microscope, imaging system,

**Availability:** Restricted

**Resource Name:** Leica: Thunder Imager Live Cell system

**Resource ID:** SCR\_023794

**Record Creation Time:** 20230718T050222+0000

**Record Last Update:** 20260905T133026+0000

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### Ratings and Alerts

No rating or validation information has been found for Leica: Thunder Imager Live Cell system.

No alerts have been found for Leica: Thunder Imager Live Cell system.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Elhaw AT, et al. (2026) RHOV Is a Detachment-Responsive Rho GTPase Necessary for Ovarian Cancer Peritoneal Metastasis. *Cancer research*, 86(11), 2623.

Gavini CK, et al. (2026) C2CD5 in noradrenergic neurons regulates thermogenesis and lipid homeostasis via norepinephrine secretion. *iScience*, 29(4), 115446.

Rampa DR, et al. (2026) Payload Diversification Overcomes Resistance and Guides Sequential Antibody-Drug Conjugate Therapy in Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(8), 1454.

Lim YX, et al. (2025) Splicing of HPV16 E6 promotes aggressive invasion in oropharyngeal cancer via endocytosis of E-cadherin. *bioRxiv : the preprint server for biology*.

Kolling LJ, et al. (2025) The superficial tufted and mitral cell output neurons of the mouse olfactory bulb have dual roles in insulin sensing. *bioRxiv : the preprint server for biology*.

Zhang J, et al. (2024) Melatonin attenuates hepatic oxidative stress by regulating the P62/LC3 autophagy pathway in PCOS. *Endocrine connections*, 13(12).

Raimi OG, et al. (2024) Mechanism of human PINK1 activation at the TOM complex in a reconstituted system. *Science advances*, 10(23), eadn7191.

Zhao A, et al. (2024) UBE2G2 inhibits vasculogenic mimicry and metastasis of uveal melanoma by promoting ubiquitination of LGALS3BP. *Acta pharmaceutica Sinica. B*, 14(12), 5201.

Tse-Kang SY, et al. (2024) Lysosome-related organelle integrity suppresses TIR-1 aggregation to restrain toxic propagation of p38 innate immunity. *Cell reports*, 43(9), 114674.

Tse-Kang SY, et al. (2024) Intestinal immunity in *C. elegans* is activated by pathogen effector-triggered aggregation of the guard protein TIR-1 on lysosome-related organelles. *Immunity*, 57(10), 2280.

Mishra R, et al. (2023) Mechanopathology of biofilm-like *Mycobacterium tuberculosis* cords. *Cell*, 186(23), 5135.

Dey-Rao R, et al. (2021) A fluorescence-based, gain-of-signal, live cell system to evaluate SARS-CoV-2 main protease inhibition. *Antiviral research*, 195, 105183.