

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Nikon: ECLIPSE Ti inverted microscope system

RRID:SCR_021242

Type: Tool

Proper Citation

Nikon: ECLIPSE Ti inverted microscope system (RRID:SCR_021242)

Resource Information

URL: https://www.microscope.healthcare.nikon.com/en_EU/products/inverted-microscopes/eclipse-ti-series

Proper Citation: Nikon: ECLIPSE Ti inverted microscope system (RRID:SCR_021242)

Description: ECLIPSE Ti Series of inverted microscopes combined with Nikon NIS-Elements imaging acquisition and analysis software, enables to generate data faster, more easily, and more accurately than ever before. Product Discontinued. Replaced by ECLIPSE Ti2 Series.

Synonyms: Nikon ECLIPSE Ti inverted microscope

Resource Type: instrument resource

Keywords: ECLIPSE Ti Series, inverted microscopes, Nikon NIS-Elements software, instrument, equipment, USEEdit

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_021242

Resource Name: Nikon: ECLIPSE Ti inverted microscope system

Resource ID: SCR_021242

Alternate IDs: Model_Number_Ti

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260905T132937+0000

Ratings and Alerts

No rating or validation information has been found for Nikon: ECLIPSE Ti inverted microscope system.

No alerts have been found for Nikon: ECLIPSE Ti inverted microscope system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Williams JS, et al. (2026) Patient-derived pediatric brain tumor orthotopic xenografts and tumor organoids faithfully recapitulate primary tumors. *Science advances*, 12(16), eaea4966.

Mi Y, et al. (2026) Novel BLT1 inhibitor baeckein E ameliorates LPS-induced acute lung injury through ferroptosis inhibition. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 155, 158147.

Rock RR, et al. (2026) Female-enriched *Eggerthella lenta* drives neuroinflammation and IFN- γ via host receptor TLR2. *bioRxiv : the preprint server for biology*.

Mahadev Bhat S, et al. (2026) Fluorescence-based quantification of mitochondrial damage in human airway smooth muscle cells. *American journal of physiology. Cell physiology*, 330(5), C1336.

Kelley VM, et al. (2026) Loss of JAK1 Function Causes G2-M Cell-Cycle Defects Vulnerable to KIF18A Inhibition. *Cancer research*, 86(9), 2301.

Bacher MC, et al. (2026) Divergent *Rickettsia* species exhibit distinct mechanisms of actin-based motility. *The Journal of cell biology*, 225(7).

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Hayward MK, et al. (2026) Tissue tension fosters macrophage-driven lipid peroxidation-induced DNA damage. *Cancer cell*, 44(6), 1255.

McManus CT, et al. (2026) Molecular insight into microtubule nucleation by the XMAP215/ γ -TuRC module. *Nature communications*, 17(1).

Itaborahy MF, et al. (2025) Chemotherapy-induced neuropathy in monomethyl Auristatin E treatment: prevention by lithium. *British journal of cancer*, 133(5), 604.

Stitzlein LM, et al. (2025) Combined inhibition of lysine-specific demethylase 1 and kinase signaling as a preclinical treatment strategy in glioblastoma. *Neuro-oncology advances*, 7(1), vda246.

Navarro-Serer B, et al. (2025) P4HA1 Mediates Hypoxia-Induced Invasion in Human Pancreatic Cancer Organoids. *Cancer research communications*, 5(5), 881.

Tran SK, et al. (2025) P-cadherin-dependent adhesions are required for single lumen formation and HGF-mediated cell protrusions during epithelial morphogenesis. *iScience*, 28(2), 111844.

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. *EMBO reports*, 26(4), 1003.

Travis SM, et al. (2025) How augmin establishes the angle of the microtubule branch site. *Nature communications*, 16(1), 9646.

Ning K, et al. (2025) Non-destructive in situ monitoring of structural changes of 3D tumor spheroids during the formation, migration, and fusion process. *eLife*, 13.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. *Journal of neurochemistry*, 169(1), e16274.

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

Giuntini F, et al. (2025) MYC inhibition by Omomyc causes DNA damage and overcomes PARPi resistance in breast cancer. *Cell reports*, 44(12), 116604.

Magalhães J, et al. (2025) Rac1 inhibition prevents axonal cytoskeleton dysfunction in transthyretin amyloid polyneuropathy. *Cell reports*, 44(10), 116411.