

Resource Summary Report

Generated by T1D on Jul 28, 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: 20260725T190944+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 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

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

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

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

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.

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

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.

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

Dennison DD, et al. (2025) Ubiquitin chain variability directs substrates of the Tul1 ubiquitin ligase complex to different degradation pathways. The Journal of cell biology, 224(9).

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.

Mahadev Bhat S, et al. (2025) TNF α -mediated subcellular heterogeneity of succinate dehydrogenase activity in human airway smooth muscle cells. *American journal of physiology. Lung cellular and molecular physiology*, 328(6), L792.

Babicheva A, et al. (2025) Store-operated Ca²⁺ entry is involved in endothelium-to-mesenchymal transition in lung vascular endothelial cells. *American journal of physiology. Lung cellular and molecular physiology*, 328(6), L844.

McManus CT, et al. (2024) Mechanism of how the universal module XMAP215 γ -TuRC nucleates microtubules. *bioRxiv : the preprint server for biology*.

Dorgau B, et al. (2024) Deciphering the spatiotemporal transcriptional and chromatin accessibility of human retinal organoid development at the single-cell level. *iScience*, 27(4), 109397.

Mahone CR, et al. (2024) Integration of cell wall synthesis and chromosome segregation during cell division in *Caulobacter*. *The Journal of cell biology*, 223(2).

Onji H, et al. (2024) Schlafen 11 further sensitizes BRCA-deficient cells to PARP inhibitors through single-strand DNA gap accumulation behind replication forks. *Oncogene*, 43(32), 2475.

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. *FASEB bioAdvances*, 6(6), 159.

Anckaert A, et al. (2024) The biology and chemistry of a mutualism between a soil bacterium and a mycorrhizal fungus. *Current biology : CB*, 34(21), 4934.

Northey JJ, et al. (2024) Mechanosensitive hormone signaling promotes mammary progenitor expansion and breast cancer risk. *Cell stem cell*, 31(1), 106.