

# Resource Summary Report

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## NIS-Elements

RRID:SCR\_014329

Type: Tool

### Proper Citation

NIS-Elements (RRID:SCR\_014329)

### Resource Information

**URL:** <https://www.nikoninstruments.com/Products/Software>

**Proper Citation:** NIS-Elements (RRID:SCR\_014329)

**Description:** Microscope imaging software suite used with Nikon products. NIS-Elements includes software applications for advanced and standard research, documentation, confocal microscopy, and high-content analysis., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Synonyms:** Nikon Instruments Software Elements, NIS Elements, Nikon Instruments Software

**Resource Type:** data analysis software, data processing software, software application, software resource, software toolkit

**Keywords:** element, microscope imaging software, software suite, nikon

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** NIS-Elements

**Resource ID:** SCR\_014329

**Record Creation Time:** 20220129T080320+0000

**Record Last Update:** 20260903T235230+0000

### Ratings and Alerts

- Used for software by the Human Islet Research Network community. Contact(s): [Benjamin Glaser](#), [Yuval Dor](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for NIS-Elements.

## Data and Source Information

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

## Usage and Citation Metrics

We found 3515 mentions in open access literature.

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

Kempynck N, et al. (2026) CREsted: modeling genomic and synthetic cell-type-specific enhancers across tissues and species. *Nature methods*, 23(5), 946.

Brea L, et al. (2026) FOXA1 loss drives basal/squamous de-differentiation of prostate cancer and induces an immunosuppressive tumor microenvironment. *Nature communications*, 17(1).

Gcwensa NZ, et al. (2026) Protocol to study synapse density or volume-SynDOVE-in brain using confocal microscopy and Imaris three-dimensional surface rendering software. *STAR protocols*, 7(2), 104465.

Hori T, et al. (2026) Dual pathways via CENP-C and Mis18C recruit HJURP for CENP-A deposition into vertebrate centromeres. *The EMBO journal*, 45(4), 1292.

Kendra JA, et al. (2026) A Borophosphate Glass Doped with Cobalt Oxide Improves Skeletal Muscle Structure and Function in Myopathic Mice. *Journal of functional biomaterials*, 17(3).

Bayati A, et al. (2026) AutoMorphoTrack: A modular framework for quantitative analysis of organelle morphology, motility, and interactions at single-cell resolution. *bioRxiv* : the preprint server for biology.

Sinha A, et al. (2026) Astrocytic Regulation of Aberrant Perineuronal Net Formation in Mecp2-Null Neocortex. *Journal of neurochemistry*, 170(6), e70503.

McManis A, et al. (2026) Understanding Glioblastoma Dynamics Using 3D Organoids and Engineered Extracellular Matrix. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(24), e22926.

Murrey MW, et al. (2026) The myeloid SRC family kinase HCK regulates breast cancer growth by activating tumor-associated macrophage-led invasion and inhibiting cytotoxic T cell activity. *Frontiers in immunology*, 17, 1709102.

Ozkan A, et al. (2026) Directed differentiation of functional corticospinal-like neurons from endogenous SOX6+/NG2+ cortical progenitors. *eLife*, 13.

Yoshida Y, et al. (2026) PD-1 suppresses CAR signaling by forming the inhibitory signalosome colocalizing to CAR microclusters. *Communications biology*, 9(1), 135.

Furukawa K, et al. (2026) Mitochondrial fission during mitophagy requires both inner and outer mitofissins. *EMBO reports*, 27(4), 853.

Sabatier M, et al. (2026) GPX4 Inhibitor Resistance and Metastatic Features in Triple-Negative Breast Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(23), e23198.

Heiss CN, et al. (2026) Protocol for differentiation and efficient AAV-mediated gene delivery to hiPSC-derived microglia for functional studies. *STAR protocols*, 7(2), 104455.

DeCuzzi NL, et al. (2026) A Far-Red FRET biosensor for AMPK enables multiplexed imaging of single-cell bioenergetic homeostasis. *bioRxiv : the preprint server for biology*.

Bagge J, et al. (2026) The histologic and molecular alterations during the cold storage of the ascending human colon. *Cryobiology*, 122, 105585.

Qi M, et al. (2026) Glutamatergic Heterogeneity in the Neuropeptide Projections From the Lateral Hypothalamus to the Mouse Olfactory Bulb. *The Journal of comparative neurology*, 534(1), e70118.

Li J, et al. (2026) PLGA nanoparticles restore acidic pH and degradative function to compromised lysosomes with Cy3-labeling providing enhanced tracking to lysosomes. *American journal of physiology. Cell physiology*, 330(2), C509.

Uprety A, et al. (2026) SETD2 Deficiency Drives Mitochondrial DNA Leakage and Creates a Druggable Dependency on BCL-xL in Clear Cell Renal Cell Carcinoma. *Cancer research*, 86(15), 3838.

Fakorede O, et al. (2026) Development of far-red fluorescent proteins for temporal domain multiplexing and super-resolution imaging. *Cell reports methods*, 6(7), 101471.