# Resource Summary Report

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## Olympus Fluoview FV10-ASW

RRID:SCR_014215
Type: Tool

### Proper Citation

Olympus Fluoview FV10-ASW (RRID:SCR_014215)

### Resource Information

**URL:** http://www.photonics.com/Product.aspx?PRID=47380

**Proper Citation:** Olympus Fluoview FV10-ASW (RRID:SCR_014215)

**Description:** Image processing software used to modify and clarify sample images for FluoView FV1000 range of confocal laser scanning microscopes and Fluoview FV1000MPE multiphoton excitation systems. The software incorporates high-dynamic-range imaging, minimized signal-to-noise ratios, partial stitching with multiarea time-lapse imaging, and channel unmixing. The software also allows users to select specific areas of the whole sample, which can stitched together.

**Synonyms:** Olympus Fluoview FV10-ASW 3.0, FV10-ASW 3.0 Software

**Resource Type:** image processing software, software application, software resource, data processing software

**Keywords:** image processing software, microscopy, laser scanning microscopy, high dynamic range imaging

**Funding:**

**Availability:** Pay for product, Fully compatible with Windows 7

**Resource Name:** Olympus Fluoview FV10-ASW

**Resource ID:** SCR_014215

**Alternate URLs:** http://www.olympus-lifescience.com/en/

**License URLs:** http://www.olympus-europa.com/corporate/en/terms_of_use.html

**Record Creation Time:** 20220129T080319+0000

**Record Last Update:** 20250412T055750+0000

## Ratings and Alerts

No rating or validation information has been found for Olympus Fluoview FV10-ASW.

No alerts have been found for Olympus Fluoview FV10-ASW.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 273 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Salehi S, et al. (2024) Ptbp2 re-expression rescues axon growth defects in Smn-deficient motoneurons. Frontiers in molecular neuroscience, 17, 1393779.

Li Y, et al. (2024) Morphological Tracing and Functional Identification of Monosynaptic Connections in the Brain: A Comprehensive Guide. Neuroscience bulletin, 40(9), 1364.

Stankovi? D, et al. (2024) Xrp1 governs the stress response program to spliceosome dysfunction. Nucleic acids research, 52(5), 2093.

Lopez JA, et al. (2024) Caldendrin Is a Repressor of PIEZO2 Channels and Touch Sensation in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(10).

Chu Y, et al. (2024) Nigrostriatal tau pathology in parkinsonism and Parkinson's disease. Brain : a journal of neurology, 147(2), 444.

Bessa-Andrês C, et al. (2024) Mechanical stimulation-induced purinome priming fosters osteogenic differentiation and osteointegration of mesenchymal stem cells from the bone marrow of post-menopausal women. Stem cell research & therapy, 15(1), 168.

Urban MW, et al. (2024) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. eLife, 12.

Gupta R, et al. (2024) Atypical cellular responses mediated by intracellular constitutive active

TrkB (NTRK2) kinase domains and a solely intracellular NTRK2-fusion oncogene. Cancer gene therapy, 31(9), 1357.

Li YD, et al. (2024) Anterior cingulate cortex projections to the dorsal medial striatum underlie insomnia associated with chronic pain. Neuron.

Kim YJ, et al. (2024) A light-controlled phospholipase C for imaging of lipid dynamics and controlling neural plasticity. Cell chemical biology, 31(7), 1336.

Licht T, et al. (2023) Adaptive olfactory circuitry restores function despite severe olfactory bulb degeneration. Current biology : CB, 33(22), 4857.

Luo YJ, et al. (2023) Ventral pallidal glutamatergic neurons regulate wakefulness and emotion through separated projections. iScience, 26(8), 107385.

Xu HK, et al. (2023) Region-specific sympatho-adrenergic regulation of specialized vasculature in bone homeostasis and regeneration. iScience, 26(9), 107455.

Ayon-Olivas M, et al. (2023) Dopaminergic Input Regulates the Sensitivity of Indirect Pathway Striatal Spiny Neurons to Brain-Derived Neurotrophic Factor. Biology, 12(10).

Stankovi? D, et al. (2023) Drosophila pVALIUM10 TRiP RNAi lines cause undesired silencing of Gateway-based transgenes. Life science alliance, 6(2).

Salehi S, et al. (2023) Cytosolic Ptbp2 modulates axon growth in motoneurons through axonal localization and translation of Hnrnpr. Nature communications, 14(1), 4158.

Saayman X, et al. (2023) exo-FISH: Protocol for detecting DNA breaks in repetitive regions of mammalian genomes. STAR protocols, 4(3), 102487.

Lopez JA, et al. (2023) Caldendrin represses neurite regeneration and growth in dorsal root ganglion neurons. Scientific reports, 13(1), 2608.

Hossain MS, et al. (2023) Gbb glutathionylation promotes its proteasome-mediated degradation to inhibit synapse growth. The Journal of cell biology, 222(9).

Saayman X, et al. (2023) Centromeres as universal hotspots of DNA breakage, driving RAD51-mediated recombination during quiescence. Molecular cell, 83(4), 523.