

Resource Summary Report

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Olympus FV1200

RRID:SCR_016264

Type: Tool

Proper Citation

Olympus FV1200 (RRID:SCR_016264)

Resource Information

URL: https://www.olympus-lifescience.com/ja/laser-scanning/fv1200/super_resolution/

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Description: THIS RESOURCE HAS BEEN DISCONTINUED. Documented May 7, 2018. Software module for biological confocal laser scanning microscope FV 1200. Olympus's proprietary super resolution technology FV - OSR (Olympus Super Resolution) realizes XY resolution of about 120 nm exceeding the conventional 3D confocal microscope.

Abbreviations: FV1200

Synonyms: FV 1200 Super resolution software module, FV 1200 High resolution software module

Resource Type: software resource

Keywords: confocal, laser, microscope, resolution, 3d

Availability: Commercially available

Resource Name: Olympus FV1200

Resource ID: SCR_016264

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260905T132806+0000

Ratings and Alerts

No rating or validation information has been found for Olympus FV1200.

No alerts have been found for Olympus FV1200.

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 [Kravitz](#) .

Woo DH, et al. (2025) Oral KDS2010, a Monoamine Oxidase-B (MAO-B) Inhibitor, Slows the Deterioration of Motor Coordination in Genetic SCA1 Models by Inhibiting Astrocytic MAO-B-Mediated Inflammation. *Journal of neurochemistry*, 169(12), e70302.

Kang S, et al. (2025) Dicer is essential for proper maturation, composition, and function in the postnatal retina. *iScience*, 28(11), 113794.

Valenti M, et al. (2023) Human gasdermin D and MLKL disrupt mitochondria, endocytic traffic and TORC1 signalling in budding yeast. *Open biology*, 13(5), 220366.

Wang GQ, et al. (2022) Plasticity of the spinal glymphatic system in male SD rats with painful diabetic neuropathy induced by type 2 diabetes mellitus. *Journal of neuroscience research*, 100(10), 1908.

Jiang Z, et al. (2022) Sex-specific cannabinoid 1 receptors on GABAergic neurons in the ventrolateral periaqueductal gray mediate analgesia in mice. *The Journal of comparative neurology*, 530(13), 2315.

Miyake N, et al. (2022) Functional Lactotrophs in Induced Adenohypophysis Differentiated From Human iPS Cells. *Endocrinology*, 163(3).

Kawai T, et al. (2021) Heterogeneity of microglial proton channel in different brain regions and its relationship with aging. *Journal of neurochemistry*, 157(3), 624.

Miyawaki Y, et al. (2020) Zonisamide promotes survival of human-induced pluripotent stem cell-derived dopaminergic neurons in the striatum of female rats. *Journal of neuroscience research*, 98(8), 1575.

Kano M, et al. (2019) Tanycyte-Like Cells Derived From Mouse Embryonic Stem Culture Show Hypothalamic Neural Stem/Progenitor Cell Functions. *Endocrinology*, 160(7), 1701.

Hao S, et al. (2019) The Lateral Hypothalamic and BNST GABAergic Projections to the Anterior Ventrolateral Periaqueductal Gray Regulate Feeding. *Cell reports*, 28(3), 616.

Shinozaki Y, et al. (2019) Microglial ROCK is essential for chronic methylmercury-induced neurodegeneration. *Journal of neurochemistry*, 151(1), 64.

Hoshi Y, et al. (2018) Ischemic Brain Injury Leads to Brain Edema via Hyperthermia-Induced TRPV4 Activation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(25), 5700.