

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on Apr 21, 2025

Olympus BX53 Upright Microscope

RRID:SCR_022568

Type: Tool

Proper Citation

Olympus BX53 Upright Microscope (RRID:SCR_022568)

Resource Information

URL: <https://www.olympus-lifescience.com/en/microscopes/upright/bx53f2/>

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Description: LED illuminator for BX53 is equivalent to or better than 100 W halogen lamp, delivering brightness appropriate for teaching or contrast methods. Can be customized for different observation methods, such as phase contrast and fluorescence, with modular components.

Resource Type: instrument resource

Keywords: Olympus, LED illuminator, phase contrast and fluorescence, light microscopy, Instrument, Equipment, USEDit

Funding:

Availability: Restricted

Resource Name: Olympus BX53 Upright Microscope

Resource ID: SCR_022568

Alternate IDs: Model_Number_BX53

Record Creation Time: 20220720T050146+0000

Record Last Update: 20250420T015228+0000

Ratings and Alerts

No rating or validation information has been found for Olympus BX53 Upright Microscope.

No alerts have been found for Olympus BX53 Upright Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Prinz LF, et al. (2024) An anti-CD19/CTLA-4 switch improves efficacy and selectivity of CAR T cells targeting CD80/86-upregulated DLBCL. *Cell reports. Medicine*, 5(2), 101421.

Chen T, et al. (2024) Enhancing hepatoprotective action: oxyberberine amorphous solid dispersion system targeting TLR4. *Scientific reports*, 14(1), 14924.

Meng H, et al. (2024) ZG16 enhances the maturation of dendritic cells via induction of CD40 and contributes to the antitumor immunity in pancreatic cancer. *Oncogene*, 43(43), 3184.

Yamada K, et al. (2024) Neonatal Aromatase Inhibition Blocked Defeminization of AVPV Kiss1 Neurons and LH Surge-Generating System in Male Rats. *Endocrinology*, 165(4).

Colom M, et al. (2024) Conditioning- and reward-related dendritic and presynaptic plasticity of nucleus accumbens neurons in male and female sign-tracker rats. *The European journal of neuroscience*, 60(7), 5694.

Szymoński K, et al. (2023) Variabilities in global DNA methylation and β -sheet richness establish spectroscopic landscapes among subtypes of pancreatic cancer. *European journal of nuclear medicine and molecular imaging*, 50(6), 1792.

Szymoński K, et al. (2023) Combined analytical approach empowers precise spectroscopic interpretation of subcellular components of pancreatic cancer cells. *Analytical and bioanalytical chemistry*, 415(29-30), 7281.