

# Resource Summary Report

Generated by T1D on Aug 9, 2026

## BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope

RRID:SCR\_019576

Type: Tool

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### Proper Citation

BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope  
(RRID:SCR\_019576)

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### Resource Information

**URL:** <http://bridgepathscientific.com/wordpress/arcturus-pixcell-ii-laser-capture-microdissection-microscope/>

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**Description:** Arcturus (PXL-200) PixCell II LCM, built around an Olympus IX50 inverted microscope, uses a near-infrared diode laser and a CapSure Macro/HS LCM Cap to capture target cells. When the laser is fired, dimples are created in the cap. These dimples wet a matrix which attaches to a targeted cell, which can be lifted off the glass slide without taking other cells around it. Once the cells are captured they can be used for various experiments such as amplification of DNA or RNA from the isolated cell(s) for analyses. During microdissection, the laser never touches or damages any of the cells. Laser capture microdissection (LCM) is a technique that provides a method to obtain targeted cells from a multi-cell population.

**Resource Type:** instrument resource

**Keywords:** Arcturus, Laser Capture Microdissection Microscope, Instrument Equipment, USEdit

**Availability:** Commercially available

**Resource Name:** BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope

**Resource ID:** SCR\_019576

**Alternate IDs:** Model\_Number\_PixCell II

**Record Creation Time:** 20220129T080345+0000

**Record Last Update:** 20260808T190128+0000

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## Ratings and Alerts

No rating or validation information has been found for BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope.

No alerts have been found for BridgePath: Arcturus PixCell II Laser Capture Microdissection Microscope.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Johnston EK, et al. (2025) Unilocular adipocyte and lipid tracer for immunofluorescent images. Scientific reports, 15(1), 4643.