Resource Summary Report

Generated by NIF on May 19, 2025

BioMEMS Resource Center

RRID:SCR_001417
Type: Tool

Proper Citation

BioMEMS Resource Center (RRID:SCR_001417)

Resource Information

URL: http://www.biomemsrc.org/

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Description: Biomedical technology research center that provides biomedical investigators with novel microsystems engineering tools for biological discovery, diagnostic, prognostic, and therapeutic applications. Thrust areas of interest are the development of novel living cell-based, lab-on-a-chip type devices for sorting blood cells, for high-throughput biochemistry in small volumes, and for studying cellular behavior in controlled microenvironments.

Abbreviations: BMRC

Synonyms: Bio MicroElectroMechanical Systems (BioMEMS) Resource Center, Biomicroelectromechanical Systems (BioMEMS) Resource Center, BioMEMS, Bio MicroElectroMechanical Systems Resource Center

Resource Type: training resource

Keywords: cell, tissue, microengineering, diagnostics, chip

Funding: NIBIB 5P41EB002503-12

Resource Name: BioMEMS Resource Center

Resource ID: SCR_001417

Alternate IDs: nlx_152639

Record Creation Time: 20220129T080207+0000

Record Last Update: 20250420T014028+0000

Ratings and Alerts

No rating or validation information has been found for BioMEMS Resource Center.

No alerts have been found for BioMEMS Resource Center.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Cao B, et al. (2017) BMRC: A Bitmap-Based Maximum Range Counting Approach for Temporal Data in Sensor Monitoring Networks. Sensors (Basel, Switzerland), 17(9).

Abdo S, et al. (2014) Catalase overexpression prevents nuclear factor erythroid 2-related factor 2 stimulation of renal angiotensinogen gene expression, hypertension, and kidney injury in diabetic mice. Diabetes, 63(10), 3483.

Shulman M, et al. (2011) Enhancement of naringenin bioavailability by complexation with hydroxypropyl-?-cyclodextrin. [corrected]. PloS one, 6(4), e18033.

Milanés-Virelles MT, et al. (2008) Adjuvant interferon gamma in patients with pulmonary atypical Mycobacteriosis: a randomized, double-blind, placebo-controlled study. BMC infectious diseases, 8, 17.