

# Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

## BioMEMS Resource Center

RRID:SCR\_001417

Type: Tool

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### Proper Citation

BioMEMS Resource Center (RRID:SCR\_001417)

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### Resource Information

**URL:** <http://www.biomemsrc.org/>

**Proper Citation:** BioMEMS Resource Center (RRID:SCR\_001417)

**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

**Availability:** Free, Freely Available

**Resource Name:** BioMEMS Resource Center

**Resource ID:** SCR\_001417

**Alternate IDs:** nlx\_152639

**Record Creation Time:** 20220129T080207+0000

**Record Last Update:** 20260801T190129+0000

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## Ratings and Alerts

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

No alerts have been found for BioMEMS Resource Center.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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- $\beta$ -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.