

Resource Summary Report

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Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core Facility

RRID:SCR_015067

Type: Tool

Proper Citation

Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core Facility (RRID:SCR_015067)

Resource Information

URL: <https://einsteinmed.edu/research/shared-facilities/barc/>

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Description: Core provides information and tools for Einstein and Montefiore investigators from initial study planning stage through analysis and data output. Facility services include: mass spectrometry analysis, including stable isotopes, as well as research-grade determination of lipids, and metabolic markers for human subjects and animal model projects; High-throughput robotics for semi-automated high-quality sample preparation and analysis by immunoassay and liquid chromatography–mass spectrometry (LC/MS); Support for novel developmental projects featuring applications of LC/MS and two-site bead-based assays; Research quality analysis of metabolites for human and animal samples using Olympus AU400 autoanalyzer; Advanced training in analytical chemistry.

Abbreviations: BARC

Synonyms: Einstein-Mount Sinai Diabetes Research Center Biomarker and Analytical Research Core, Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core

Resource Type: core facility, access service resource, service resource

Keywords: analytical research tools, biomarker core, mass spectrometry analysis, stable isotopes, lipids, metabolic markers, analytical chemistry,

Related Condition: Diabetes

Funding: New York Obesity Research Center ;
Center for the Study of Diabetic Complications ;

Montefiore Clinical Diabetes Center ;
NIDDK P30DK020541

Availability: Restricted

Resource Name: Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core Facility

Resource ID: SCR_015067

Alternate IDs: ABRF_2862

Alternate URLs: <https://coremarketplace.org/?FacilityID=2862&citation=1>

Old URLs: <http://www.einstein.yu.edu/centers/diabetes-research/wrap.aspx?id=45634>

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260808T190621+0000

Ratings and Alerts

No rating or validation information has been found for Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core Facility.

No alerts have been found for Einstein-Mount Sinai Diabetes Research Center Biomarker Analytic Research Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Li M, et al. (2024) Randomised controlled trial of early magnetically controlled capsule endoscopy for the prevention of gastrointestinal bleeding in patients at high bleeding risk scheduled for percutaneous coronary intervention: MACE-GPS study protocol. *BMJ open*, 14(1), e077852.

Jannat M, et al. (2024) Seed Priming with Rhizospheric *Bacillus subtilis*: A Smart Strategy for Reducing Fumonisin Contamination in Pre-Harvest Maize. *Toxins*, 16(8).

Gimbel ME, et al. (2024) Treatment of elderly patients with non-ST-elevation myocardial infarction: the nationwide POPular age registry. *Netherlands heart journal : monthly journal of the Netherlands Society of Cardiology and the Netherlands Heart Foundation*, 32(2), 84.

- Kurimura T, et al. (2023) Significance of pharmacist intervention to oral antithrombotic therapy in the pharmaceutical outpatient clinic of cardiovascular internal medicine: a retrospective cohort study. *Journal of pharmaceutical health care and sciences*, 9(1), 28.
- De Luca L, et al. (2023) Safety of cangrelor and transition to oral P2Y₁₂ inhibitors in patients undergoing percutaneous coronary intervention: the ARCANGELO study. *European heart journal open*, 3(4), oead076.
- Kikuchi M, et al. (2023) Influence of sanitation facilities on diarrhea prevalence among children aged below 5 years in flood-prone areas of Bangladesh: a multilevel analysis. *Environmental science and pollution research international*, 30(43), 97925.
- Song J, et al. (2022) A Study on the Resolution and Depth of Focus of ArF Immersion Photolithography. *Micromachines*, 13(11).
- Gilbert PA, et al. (2022) Gender differences in lifetime and current use of online support for recovery from alcohol use disorder. *Alcoholism, clinical and experimental research*, 46(6), 1073.
- Ösken A, et al. (2021) Predictive value of the age, creatinine and ejection fraction score in patients undergoing primary percutaneous coronary intervention with bail-out tirofiban therapy. *Postępy w kardiologii interwencyjnej = Advances in interventional cardiology*, 17(2), 170.
- Jonker D, et al. (2021) A wafer-scale fabrication method for three-dimensional plasmonic hollow nanopillars. *Nanoscale advances*, 3(17), 4926.
- Khalil S, et al. (2021) Effects of Guanidinoacetic Acid Supplementation on Productive Performance, Pectoral Myopathies, and Meat Quality of Broiler Chickens. *Animals : an open access journal from MDPI*, 11(11).
- Llagostera-Martín M, et al. (2021) Left Atrial Appendage Closure with a New Occluder Device: Efficacy, Safety and Mid-Term Performance. *Journal of clinical medicine*, 10(7).
- Araiza-Garaygordobil D, et al. (2021) Pharmacoinvasive Strategy vs Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction: Results From a Study in Mexico City. *CJC open*, 3(4), 409.
- Qian Y, et al. (2021) Incidence and Risk Factors for Antiplatelet Therapy-Related Bleeding Complications Among Elderly Patients After Coronary Stenting: A Multicenter Retrospective Observation. *Frontiers in pharmacology*, 12, 661619.
- Nuruddin AAB, et al. (2021) Impact of Coronary Stent Architecture on Clinical Outcomes: Do Minor Changes in Stent Architecture Really Matter? *Cardiology and therapy*, 10(1), 175.
- Zelia? A, et al. (2020) Circulatory support with larger volume intra-aortic balloon pump vs. standard volume or no-balloon pump during high-risk percutaneous coronary interventions. A randomised study. *Postępy w kardiologii interwencyjnej = Advances in interventional cardiology*, 16(1), 30.

Murali S, et al. (2020) Bleeding Severity in Percutaneous Coronary Intervention (PCI) and Its Impact on Short-Term Clinical Outcomes. *Journal of clinical medicine*, 9(5).

Ingreteau D, et al. (2020) Prognostic impact of body mass index on in-hospital bleeding complications after ST-segment elevation myocardial infarction. *World journal of cardiology*, 12(1), 44.

Siebermair J, et al. (2019) High-density Mapping Guided Pulmonary Vein Isolation for Treatment of Atrial Fibrillation - Two-year clinical outcome of a single center experience. *Scientific reports*, 9(1), 8830.

De Heide J, et al. (2018) Minimally interrupted novel oral anticoagulant versus uninterrupted vitamin K antagonist during atrial fibrillation ablation. *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing*, 53(3), 341.