

Resource Summary Report

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Joslin Diabetes Center Flow Cytometry Core Facility

RRID:SCR_009878

Type: Tool

Proper Citation

Joslin Diabetes Center Flow Cytometry Core Facility (RRID:SCR_009878)

Resource Information

URL: <https://joslinresearch.org/drc-cores/Flow-Cytometry-Core>

Proper Citation: Joslin Diabetes Center Flow Cytometry Core Facility (RRID:SCR_009878)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 27,2023. Core that provides cell sorting and flow cytometry services. Specific services include cell analysis, large object sorting,magnetic cell enrichment, and automatic cell counting.

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

Keywords: flow cytometry, flow cytometry service, cell sorting, cell analysis

Related Condition: Diabetes

Funding: NIDDK P30DK036836

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Joslin Diabetes Center Flow Cytometry Core Facility

Resource ID: SCR_009878

Alternate IDs: nlx_156348

Record Creation Time: 20220129T080255+0000

Record Last Update: 20250421T053745+0000

Ratings and Alerts

No rating or validation information has been found for Joslin Diabetes Center Flow Cytometry Core Facility.

No alerts have been found for Joslin Diabetes Center Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 590 mentions in open access literature.

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

Simão F, et al. (2017) The Effects of the Contact Activation System on Hemorrhage. *Frontiers in medicine*, 4, 121.

Mehta SN, et al. (2017) Changes in HbA1c and Weight Following Transition to Continuous Subcutaneous Insulin Infusion Therapy in Adults With Type 1 Diabetes. *Journal of diabetes science and technology*, 11(1), 83.

May FJ, et al. (2017) Lipidomic Adaptations in White and Brown Adipose Tissue in Response to Exercise Demonstrate Molecular Species-Specific Remodeling. *Cell reports*, 18(6), 1558.

Merry TL, et al. (2017) Impairment of insulin signalling in peripheral tissue fails to extend murine lifespan. *Aging cell*, 16(4), 761.

Shamsi F, et al. (2017) MicroRNA Regulation of Brown Adipogenesis and Thermogenic Energy Expenditure. *Frontiers in endocrinology*, 8, 205.

Ferris HA, et al. (2017) Loss of astrocyte cholesterol synthesis disrupts neuronal function and alters whole-body metabolism. *Proceedings of the National Academy of Sciences of the United States of America*, 114(5), 1189.

Cai W, et al. (2017) Domain-dependent effects of insulin and IGF-1 receptors on signalling and gene expression. *Nature communications*, 8, 14892.

Qi W, et al. (2017) Pyruvate kinase M2 activation may protect against the progression of diabetic glomerular pathology and mitochondrial dysfunction. *Nature medicine*, 23(6), 753.

Volkening LK, et al. (2017) Recruitment Into a Pediatric Continuous Glucose Monitoring RCT. *Journal of diabetes science and technology*, 11(1), 100.

Thomou T, et al. (2017) Adipose-derived circulating miRNAs regulate gene expression in other tissues. *Nature*, 542(7642), 450.

Weir GC, et al. (2017) Glucose Driven Changes in Beta Cell Identity Are Important for Function and Possibly Autoimmune Vulnerability during the Progression of Type 1 Diabetes. *Frontiers in genetics*, 8, 2.

Sinha I, et al. (2017) Prolyl Hydroxylase Domain-2 Inhibition Improves Skeletal Muscle Regeneration in a Male Murine Model of Obesity. *Frontiers in endocrinology*, 8, 153.

Kriszt R, et al. (2017) Optical visualisation of thermogenesis in stimulated single-cell brown adipocytes. *Scientific reports*, 7(1), 1383.

Fujisaka S, et al. (2016) Antibiotic effects on gut microbiota and metabolism are host dependent. *The Journal of clinical investigation*, 126(12), 4430.

Gao F, et al. (2016) Monoacylglycerol Analysis Using MS/MS(ALL) Quadruple Time of Flight Mass Spectrometry. *Metabolites*, 6(3).

Burkart AM, et al. (2016) Insulin Resistance in Human iPS Cells Reduces Mitochondrial Size and Function. *Scientific reports*, 6, 22788.

Kokoye Y, et al. (2016) A comparison of the effects of factor XII deficiency and prekallikrein deficiency on thrombus formation. *Thrombosis research*, 140, 118.

Ogawa T, et al. (2016) Natural thioallyl compounds increase oxidative stress resistance and lifespan in *Caenorhabditis elegans* by modulating SKN-1/Nrf. *Scientific reports*, 6, 21611.

Low Wang CC, et al. (2016) Clinical Update: Cardiovascular Disease in Diabetes Mellitus: Atherosclerotic Cardiovascular Disease and Heart Failure in Type 2 Diabetes Mellitus - Mechanisms, Management, and Clinical Considerations. *Circulation*, 133(24), 2459.

Gonzalez-Franquesa A, et al. (2016) What Have Metabolomics Approaches Taught Us About Type 2 Diabetes? *Current diabetes reports*, 16(8), 74.