

Resource Summary Report

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Joslin Diabetes Center Induced Pluripotent Stem Cell Core

RRID:SCR_015120

Type: Tool

Proper Citation

Joslin Diabetes Center Induced Pluripotent Stem Cell Core (RRID:SCR_015120)

Resource Information

URL: <https://joslinresearch.org/drc-cores/Induced-Pluripotent-Stem-Cell-Core>

Proper Citation: Joslin Diabetes Center Induced Pluripotent Stem Cell Core (RRID:SCR_015120)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on November 6,2024. Core that maintains a centralized facility for the generation and propagation of reprogrammed iPS cells for use in molecular and cellular pathologies underlying diabetes and its complications.

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

Keywords: ips cell, induced pluripotent stem cell, ips cell facility

Related Condition: Diabetes

Funding: NIDDK P30DK036836

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Joslin Diabetes Center Induced Pluripotent Stem Cell Core

Resource ID: SCR_015120

Record Creation Time: 20220129T080324+0000

Record Last Update: 20260804T043545+0000

Ratings and Alerts

No rating or validation information has been found for Joslin Diabetes Center Induced Pluripotent Stem Cell Core .

No alerts have been found for Joslin Diabetes Center Induced Pluripotent Stem Cell Core .

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 [RRID](#) .

Sim??o 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.

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

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

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.

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.

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

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.

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

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

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.

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.

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

Pavkov ME, et al. (2016) Tumor necrosis factor receptors 1 and 2 are associated with early glomerular lesions in type 2 diabetes. *Kidney international*, 89(1), 226.

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.

Bonner-Weir S, et al. (2016) Dynamic development of the pancreas from birth to adulthood. *Uppsala journal of medical sciences*, 121(2), 155.

Clermont A, et al. (2016) Plasma Kallikrein Mediates Vascular Endothelial Growth Factor-Induced Retinal Dysfunction and Thickening. *Investigative ophthalmology & visual science*, 57(6), 2390.

Lessard SJ, et al. (2016) The AMPK-related kinase SNARK regulates muscle mass and myocyte survival. *The Journal of clinical investigation*, 126(2), 560.

Cavelti-Weder C, et al. (2016) Hyperglycaemia attenuates in vivo reprogramming of pancreatic exocrine cells to beta cells in mice. *Diabetologia*, 59(3), 522.