

Resource Summary Report

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Diabetic Complications Consortium

RRID:SCR_001415

Type: Tool

Proper Citation

Diabetic Complications Consortium (RRID:SCR_001415)

Resource Information

URL: <http://www.diacomp.org>

Proper Citation: Diabetic Complications Consortium (RRID:SCR_001415)

Description: Consortium serving the diabetic complications community that sponsors annual meetings in complications-relevant scientific areas, solicits and funds pilot projects in high impact areas of complications research, and provides resources and data including animal models, protocols and methods, validation criteria, reagents and resources, histology, publications and bioinformatics for researchers conducting diabetic complications research.

Abbreviations: DiaComp

Synonyms: Animal Models of Diabetic Complications Consortium, AMDCC

Resource Type: biomaterial supply resource, material resource, tissue bank

Keywords: diabetes, antibody, animal model, assay, experiment, histology, protocol, strain, phenotype, metabolic, cardiovascular, image, data set, community building portal, consortium, FASEB list

Related Condition: Diabetes, Diabetic complication, Nephropathy, Neuropathy, Retinopathy, Wound healing, Cardiomyopathy, Uropathy

Funding: NIDDK ;
JDRF

Availability: Free, Freely Available

Resource Name: Diabetic Complications Consortium

Resource ID: SCR_001415

Alternate IDs: nlx_152636

Old URLs: <http://www.amdcc.org/>

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260904T000139+0000

Ratings and Alerts

No rating or validation information has been found for Diabetic Complications Consortium .

No alerts have been found for Diabetic Complications Consortium .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 237 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Scott NV, et al. (2026) Dietary monounsaturated fatty acids reduce nerve inflammation and improve nerve function in murine models of obesity. *Frontiers in immunology*, 17, 1769812.

Gavini CK, et al. (2026) A gut-adipose-nerve axis mediates inulin protection against Western diet-induced somatosensory dysfunction. *Brain, behavior, and immunity*, 137, 106795.

Gavini C, et al. (2025) Dietary Fiber Improves Somatosensory Function in Western Diet-Fed Mice by Remodeling Adipose Immune Cells via FFAR2 Signaling. *Research square*.

Cwiek A, et al. (2025) Preterm birth increases susceptibility to hyperglycemia induced glomerular alterations in male mice. *Scientific reports*, 15(1), 18934.

Noureldein MH, et al. (2025) Dietary Fatty Acid Composition Alters Gut Microbiome in Mice with Obesity-Induced Peripheral Neuropathy. *Nutrients*, 17(4).

Chaney CP, et al. (2025) Integration of spatial and single-nucleus transcriptomics to map gene expression in the developing mouse kidney. *Development (Cambridge, England)*, 152(24).

Platnick C, et al. (2025) Relationships among biological sex, body composition, and bone mineral density in young persons with and without diabetes. *Journal of pediatric endocrinology & metabolism : JPEM*, 38(5), 476.

Gupta P, et al. (2024) Prevalence and predictors of female sexual dysfunction among sexually active women in the diabetes prevention program outcomes study. *Neurourology and urodynamics*.

Wang R, et al. (2024) Fibroblast growth factor 21 improves diabetic cardiomyopathy by inhibiting ferroptosis via ferritin pathway. *Cardiovascular diabetology*, 23(1), 394.

Costa RM, et al. (2024) In utero exposure to maternal diabetes exacerbates dietary sodium intake-induced endothelial dysfunction by activating cyclooxygenase 2-derived prostanoids. *American journal of physiology. Endocrinology and metabolism*, 326(5), E555.

Blair YA, et al. (2024) Prevalence and predictors of erectile dysfunction among men in the diabetes prevention program outcomes study. *Journal of diabetes and its complications*, 38(2), 108669.

Wang XJ, et al. (2024) Extensive scintigraphic gastric motor function testing with concurrent symptom recording predicts prospectively measured daily dyspeptic symptoms. *Neurogastroenterology and motility*, 36(8), e14819.

Anita NZ, et al. (2023) Cytochrome P450-soluble epoxide hydrolase derived linoleic acid oxylipins and cognitive performance in type 2 diabetes. *Journal of lipid research*, 64(7), 100395.

Wu CY, et al. (2023) Dynamic relationships between depressive symptoms and insulin resistance over 20 years of adulthood. *Psychological medicine*, 53(4), 1458.

Moore BN, et al. (2023) BMAL1 in the Adrenal Gland: It's About Time-A Perspective on "Adrenal-Specific KO of the Circadian Clock Protein BMAL1 Alters Blood Pressure Rhythm and Timing of Eating Behavior". *Function (Oxford, England)*, 4(2), zqad008.

Wang CH, et al. (2023) Fatty acids and inflammatory stimuli induce expression of long-chain acyl-CoA synthetase 1 to promote lipid remodeling in diabetic kidney disease. *The Journal of biological chemistry*, 300(1), 105502.

Wolf EE, et al. (2023) PLVAP as an Early Marker of Glomerular Endothelial Damage in Mice with Diabetic Kidney Disease. *International journal of molecular sciences*, 24(2).

Guo K, et al. (2023) Gut microbiota in a mouse model of obesity and peripheral neuropathy associated with plasma and nerve lipidomics and nerve transcriptomics. *Microbiome*, 11(1), 52.

Kravtsova O, et al. (2023) Effect of SGLT2 inhibition on salt-induced hypertension in female Dahl SS rats. *Scientific reports*, 13(1), 19231.

Yip KP, et al. (2023) Epac induces ryanodine receptor-dependent intracellular and inter-organellar calcium mobilization in mpkCCD cells. *Frontiers in physiology*, 14, 1250273.