DAFTAR PUSTAKA

Abell, S. K. et al. (2015) "Inflammatory and Other Biomarkers : Role in Pathophysiology and Prediction of Gestational Diabetes Mellitus," hal. 13442–13473. doi: 10.3390/ijms160613442.

Abo-Salem, O. M. (2014) "Kaempferol attenuates the development of diabetic neuropathic pain in mice: possible anti-inflammatory and anti-oxidant mechanisms," Open Access Macedonian Journal of Medical Sciences, 2(3), hal. 424–430. doi: 10.3889/oamjms.2014.073.

Ahmed, O. M. dan Bas, A. (2015) "Maternal Diabetes Mellitus Disturbs Histological Architecture and Integrity of Liver and Kidney in Rat Offspring," Merit Research Journal of Medicine and Medical Sciences, (August). Tersedia pada: http://www.meritresearchjournals.org/mms/index.htm.

Alia Bilal, N. (2012) "Phytochemical and Pharmacological Studies on Ocimum Basilicum Linn - a Review -," International Journal of Current Research and Review, 4(23).

American Diabetes Association (2016) "Classification and Diagnosis of Diabetes," American Diabetes Association, 39(January), hal. 13–22. doi: 10.2337/dc16-S005.

American Diabetes Association (2020) "14 . Management of Diabetes in Pregnancy : Standards of Medical Care in Diabetes d 2020," 43(January), hal. 183–192. doi: 10.2337/dc20-S014.

Arshad, R., Karim, N. dan Hasan, J. A. (2014) "Effects of insulin on placental, fetal and maternal outcomes in gestational diabetes mellitus," Pakistan Journal of Medical Sciences, 30(2), hal. 240–244. doi: 10.12669/pjms.302.4396.

Ashcroft, F. M. et al. (2018) "Europe PMC Funders Group Is Type-2 Diabetes a Glycogen Storage Disease of Pancreatic β - Cells ?," 26(1), hal. 17–23. doi: 10.1016/j.cmet.2017.05.014.Is.

Balsells, M. et al. (2015) "Glibenclamide, metformin, and insulin for the treatment of gestational diabetes: A systematic review and meta-analysis," BMJ (Online), 350(January), hal. 1–12. doi: 10.1136/bmj.h102.

Beekmann, K. et al. (2015) "The effect of quercetin and kaempferol aglycones and glucuronides on peroxisome proliferator-activated receptor-gamma (PPAR-γ)," Food and Function. Royal Society of Chemistry, 6(4), hal. 1098–1107. doi: 10.1039/c5fo00076a.

Berg, A. H. et al. (2001) "The adipocyte-secreted protein Acrp30 enhances hepatic insulin action," Nature Medicine, 7(8), hal. 947–953. doi: 10.1038/90992.

Biason-Lauber, A. et al. (2013) "Identification of a SIRT1 mutation in a family with type 1 diabetes," Cell Metabolism, 17(3), hal. 448–455. doi: 10.1016/j.cmet.2013.02.001.

Brereton, M. F. et al. (2016) "Hyperglycaemia induces metabolic dysfunction and glycogen accumulation in pancreatic β-cells," Nature Communications. Nature Publishing Group, 7, hal. 1–15. doi: 10.1038/ncomms13496.

Brunet, A. et al. (2004) "Stress-Dependent Regulation of FOXO Transcription Factors by the SIRT1 Deacetylase," Science, 303(5666), hal. 2011–2015. doi: 10.1126/science.1094637.

Cao, Y. et al. (2016) "SIRT1 and insulin resistance," Journal of Diabetes and its Complications. Elsevier Inc., 30(1), hal. 178–183. doi: 10.1016/j.jdiacomp.2015.08.022.

Catalano, P. M. (2014) "Trying to understand gestational diabetes," Diabetic Medicine, 31(3), hal. 273–281. doi: 10.1111/dme.12381.

Coskun, O. et al. (2005) "Quercetin, a flavonoid antioxidant, prevents and protects streptozotocin-induced oxidative stress and β-cell damage in rat pancreas," Pharmacological Research, 51(2), hal. 117–123. doi: 10.1016/j.phrs.2004.06.002.

Damasceno, D. C. et al. (2014) "Streptozotocin-induced diabetes models: Pathophysiological mechanisms and fetal outcomes," BioMed Research International, 2014. doi: 10.1155/2014/819065.

Eddouks, M. et al. (2014) "Antidiabetic plants improving insulin sensitivity," Journal of Pharmacy and Pharmacology, 66(9), hal. 1197–1214. doi: 10.1111/jphp.12243.

Eid, H. M. et al. (2015) "The molecular basis of the antidiabetic action of quercetin in cultured skeletal muscle cells and hepatocytes," Pharmacognosy Magazine, 11(41), hal. 74–81. doi: 10.4103/0973-1296.149708.

El-Beshbishy, H. A. dan Bahashwan, S. A. (2012) "Hypoglycemic effect of basil (Ocimum basilicum) aqueous extract is mediated through inhibition of α-glucosidase and α-amylase activities: An in vitro study," Toxicology and Industrial Health, 28(1), hal. 42–50. doi: 10.1177/0748233711403193.

Evans, R. M., Barish, G. D. dan Wang, Y. X. (2004) "PPARs and the complex journey to obesity," Nature Medicine, 10(4), hal. 355–361. doi: 10.1038/nm1025.

Ezeani, C. et al. (2017) "Ocimum basilicum extract exhibits antidiabetic effects via inhibition of hepatic glucose mobilization and carbohydrate metabolizing enzymes," Journal of Intercultural Ethnopharmacology, 6(1), hal. 22–28. doi: 10.5455/jice.20161229054825.

Fan, L., Cacicedo, J. M. dan Ido, Y. (2020) "Impaired nicotinamide adenine dinucleotide (NAD +) metabolism in diabetes and diabetic tissues : Implications for nicotinamide-related compound treatment," 11(6), hal. 1403–1419. doi: 10.1111/jdi.13303.

Fang, H. dan Judd, R. L. (2018) "Adiponectin regulation and function," Comprehensive Physiology, 8(3), hal. 1031–1063. doi: 10.1002/cphy.c170046.

Fuentes, E. et al. (2013) "Role of PPARs in inflammatory processes associated with metabolic syndrome (Review)," hal. 1611–1616. doi: 10.3892/mmr.2013.1714.

Gajula, D. et al. (2009) "Determination of Total Phenolics, Flavonoids and Antioxidant and Chemopreventive Potencial of Basil," International Journal of Cancer Research, hal. 130–143.

Gao, Y., She, R. dan Sha, W. (2017) "Gestational diabetes mellitus is associated with decreased adipose and placenta peroxisome proliferator-activator receptor γ expression in a Chinese population," Oncotarget, 8(69), hal. 113928–113937. doi: 10.18632/oncotarget.23043.

Ghasemzadeh, A. et al. (2016) "Improvement in flavonoids and phenolic acids production and pharmaceutical quality of sweet basil (Ocimum basilicum L.) by ultraviolet-B irradiation," Molecules, 21(9). doi: 10.3390/molecules21091203.

Ghorbani, A. (2017) "Mechanisms of antidiabetic effects of flavonoid rutin," Biomedicine and Pharmacotherapy, 96(September), hal. 305–312. doi: 10.1016/j.biopha.2017.10.001.

Gu, J. (2020) "Sirt1-PPARS Cross-Talk in Complex Metabolic Carbon Metabolism."

Gui, J. et al. (2016) "Gestational diabetes induces alterations of sirtuins in fetal endothelial cells," Pediatric Research, 79(5), hal. 788–798. doi: 10.1038/pr.2015.269.

Han, M. K. et al. (2008) "SIRT1 Regulates Apoptosis and Nanog Expression in Mouse Embryonic Stem Cells by Controlling p53 Subcellular Localization," Cell Stem Cell, 2(3), hal. 241–251. doi: 10.1016/j.stem.2008.01.002.

Hashiramoto, M. dan Kaku, K. (2013) "Sirtuin 1 as a key player of metabolic memory," Journal of Diabetes Investigation, 4(1), hal. 34–36. doi: 10.1111/j.2040-1124.2012.00244.x.

Henagan, T. M. et al. (2015) "In vivo effects of dietary quercetin and quercetin-rich red onion extract on skeletal muscle mitochondria, metabolism, and insulin sensitivity," Genes and Nutrition, 10(1). doi: 10.1007/s12263-014-0451-1.

Heude, B. et al. (2011) "Association of the Pro12Ala and C1431T variants of PPARγ and their haplotypes with susceptibility to gestational diabetes," Journal of Clinical Endocrinology and Metabolism, 96(10), hal. 1656–1660. doi: 10.1210/jc.2011-0381.

Honnorat, D. et al. (2015) "Are third-trimester adipokines associated with higher metabolic risk among women with gestational diabetes?," Diabetes and Metabolism. Elsevier Masson SAS, 41(5), hal. 393–400. doi: 10.1016/j.diabet.2015.03.003.

Hosni, A. A. et al. (2017) "Cinnamaldehyde potentially attenuates gestational hyperglycemia in rats through modulation of PPARγ, proinflammatory cytokines and oxidative stress," Biomedicine and Pharmacotherapy. Elsevier Masson SAS, 88, hal. 52–60. doi: 10.1016/j.biopha.2017.01.054.

Houtkooper, R. H. (2016) Proteins and Cell Regulation. Tersedia pada: http://fjour.blyun.com/views/specific/3004/FBookDetail.jsp?dxNumber=1640020935 23&d=21BBD460A5A9FD151A9ECC2545D3F8A0#ctop.

Imai, S. dan Yoshino, J. (2013) "The importance of NAMPT/NAD/SIRT1 in the systemic regulation of metabolism and ageing," Diabetes, Obesity and Metabolism, 15(S3), hal. 26–33. doi: 10.1111/dom.12171.

International Diabetes Federation (2018) IDF Diabetes Atlas. 8 ed. Brussels,Belgium.

International Diabetes Federation (2019) IDF Diabetes Atlas 2019. Ninth edit, International Diabetes Federation. Ninth edit. Diedit oleh P. S. Suvi Karuranga, Belma Malanda, Pouya Saeedi dan Contributors. Tersedia pada: http://www.idf.org/about-diabetes/facts-figures.

Iside, C. et al. (2020) "SIRT1 Activation by Natural Phytochemicals: An Overview," Frontiers in Pharmacology, 11(August), hal. 1–14. doi: 10.3389/fphar.2020.01225.

Iskender, H. et al. (2017) "The effect of hesperidin and quercetin on oxidative stress, NF-κB and SIRT1 levels in a STZ-induced experimental diabetes model," Biomedicine and Pharmacotherapy. Elsevier Masson SAS, 90, hal. 500–508. doi: 10.1016/j.biopha.2017.03.102.

Kadan, S. et al. (2016) "In vitro evaluation of anti-diabetic activity and cytotoxicity of chemically analysed Ocimum basilicum extracts," Food Chemistry. Elsevier Ltd, 196, hal. 1066–1074. doi: 10.1016/j.foodchem.2015.10.044.

Kappel, V. D. et al. (2013) "Involvement of GLUT-4 in the stimulatory effect of rutin on glucose uptake in rat soleus muscle," Journal of Pharmacy and Pharmacology, 65(8), hal. 1179–1186. doi: 10.1111/jphp.12066.

Kelesidis, T. et al. (2011) "The Role of Leptin in human Physiology NIH Public Access," Ann Intern Med, 152(2), hal. 93–100. doi: 10.1059/0003-4819-152-2-201001190-00008.Narrative.

Khair-ul-Bariyah, S., Ahmed, D. dan Ikram, M. (2012) "Ocimum Basilicum: A Review on Phytochemical and Pharmacological Studies," Pakistan Journal of Chemistry, 2(2), hal. 78–85. doi: 10.15228/2012.v02.i02.p05.

Khanal, R. C. (2004) "Potential health benefits of Conjugated Linoleic Acid (CLA): A review," Asian-Australasian Journal of Animal Sciences, 17(9), hal. 1315–1328. doi: 10.5713/ajas.2004.1315.

Kiani, F. et al. (2017) "The risk factors of gestational diabetes mellitus: A systematic review and meta-analysis study," International Journal of Women's Health and Reproduction Sciences, 5(4), hal. 253–263. doi: 10.15296/ijwhr.2017.44.

Kim, H. Il dan Ahn, Y. H. (2004) "Role of Peroxisome Proliferator-Activated Receptor-γ in the Glucose-Sensing Apparatus of Liver and β-Cells," Diabetes, 53(SUPPL. 1), hal. 1–6. doi: 10.2337/diabetes.53.2007.s60.

Kim, J., Bachmann, R. A. dan Chen, J. (2016) "Interleukin-6 and Insulin Resistance," 80(08), hal. 613–633. doi: 10.1016/S0083-6729(08)00621-3.

Luu, L. et al. (2013) "The loss of Sirt1 in mouse pancreatic beta cells impairs insulin secretion by disrupting glucose sensing," Diabetologia, 56(9), hal. 2010–2020. doi: 10.1007/s00125-013-2946-5.

Maggs, D. G. et al. (1998) "Metabolic effects of troglitazone monotherapy in type 2 diabetes mellitus. A randomized, double-blind, placebo-controlled trial," Annals of Internal Medicine, 128(3), hal. 176–185. doi: 10.7326/0003-4819-128-3-199802010-00002.

Mahmoud, A. M. (2015) "Flavonoids as Ligands for Peroxisome Proliferator-Activated Receptor γ," International Journal of Food and Nutritional Science, 2(4), hal. 1–6. doi: 10.15436/2377-0619.15.e003.

Manzano, S. dan Williamson, G. (2010) "Polyphenols and phenolic acids from strawberry and apple decrease glucose uptake and transport by human intestinal Caco-2 cells," Molecular Nutrition and Food Research, 54(12), hal. 1773–1780. doi: 10.1002/mnfr.201000019.

Marwat, S. K. et al. (2011) "Phytochemical constituents and pharmacological activities of

sweet Basil-Ocimum basilicum L. (Lamiaceae),” Asian Journal of Chemistry, 23(9), hal. 3773–3782.

Medina-Gomez, G. et al. (2005) “The link between nutritional status and insulin sensitivity is dependent on the adipocyte-specific peroxisome proliferator-activated receptor-γ2 isoform,” Diabetes, 54(6), hal. 1706–1716. doi: 10.2337/diabetes.54.6.1706.

Mohamed, J. et al. (2016) “Mechanisms of diabetes-induced liver damage: The role of oxidative stress and inflammation,” Sultan Qaboos University Medical Journal, 16(2), hal. e132–e141. doi: 10.18295/squmj.2016.16.02.002.

Mueller, M. dan Jungbauer, A. (2008) “Red clover extract: A putative source for simultaneous treatment of menopausal disorders and the metabolic syndrome,” Menopause, 15(6), hal. 1120–1131. doi: 10.1097/gme.0b013e31817062ce.

Nguyen-Ngo, C. et al. (2019) “Molecular pathways disrupted by gestational diabetes mellitus,” Journal of Molecular Endocrinology, 63(3), hal. R51–R72. doi: 10.1530/JME-18-0274.

Niture, N. T., Ansari, A. A. dan Naik, S. R. (2014) “Anti-hyperglycemic activity of Rutin in streptozotocin-induced diabetic rats: An effect mediated through cytokines, antioxidants and lipid biomarkers,” Indian Journal of Experimental Biology, 52(7), hal. 720–727.

Noor, Z. I. et al. (2019) “In Vitro Antidiabetic, Anti-Obesity and Antioxidant Analysis of Ocimum basilicum Aerial Biomass and in Silico Molecular Docking Simulations with Alpha-Amylase and Lipase Enzymes,” Biology, 8(4), hal. 92. doi: 10.3390/biology8040092.

Ola, M. S. et al. (2015) “Neuroprotective Effects of Rutin in Streptozotocin-Induced Diabetic Rat Retina,” Journal of Molecular Neuroscience, 56(2), hal. 440–448. doi: 10.1007/s12031-015-0561-2.

Palomer, X. et al. (2018) “Palmitic and Oleic Acid: The Yin and Yang of Fatty Acids in Type 2 Diabetes Mellitus,” Trends in Endocrinology and Metabolism. Elsevier Ltd, 29(3), hal. 178–190. doi: 10.1016/j.tem.2017.11.009.

Peng, J. et al. (2017) “Quercetin Improves Glucose and Lipid Metabolism of Diabetic Rats: Involvement of Akt Signaling and SIRT1,” Journal of Diabetes Research, 2017. doi: 10.1155/2017/3417306.

Picard, F. et al. (2004) “Erratum: corrigendum: Sirt1 promotes fat mobilization in white adipocytes by repressing PPAR-γ,” Nature, 430(7002), hal. 921–921. doi: 10.1038/nature02892.

Plows, J. F. et al. (2018) “The Pathophysiology of Gestational Diabetes Mellitus,” hal. 1–21. doi: 10.3390/ijms19113342.

Podolska, M., Strycharz, J. dan Szwed, M. (2019) “Hyperglycemia Changes Expression of Key Morphology of Differentiating Human,” Nutrients, 11(1835), hal. 1–17.

Purnamasari, D. et al. (2013) “Indonesian Clinical Practice Guidelines for Diabetes in Pregnancy,” Journal of the ASEAN Federation of Endocrine Societies, 28(1), hal. 9–13. doi: 10.15605/jafes.028.01.02.

Purushotham, A. et al. (2009) “Hepatocyte-Specific Deletion of SIRT1 Alters Fatty Acid

Metabolism and Results in Hepatic Steatosis and Inflammation," Cell Metabolism. Elsevier Ltd, 9(4), hal. 327–338. doi: 10.1016/j.cmet.2009.02.006.

Qiang, L. et al. (2012) "Brown remodeling of white adipose tissue by SirT1-dependent deacetylation of Pparγ," Cell, 150(3), hal. 620–632. doi: 10.1016/j.cell.2012.06.027.

Reddi Rani, P. dan Begum, J. (2016) "Screening and diagnosis of gestational diabetes mellitus, where do we stand," Journal of Clinical and Diagnostic Research, 10(4), hal. QE01–QE04. doi: 10.7860/JCDR/2016/17588.7689.

Riskesdas, K. (2018) "Hasil Utama Riset Kesehata Dasar (RISKESDAS)," Journal of Physics A: Mathematical and Theoretical, 44(8), hal. 1–200. doi: 10.1088/1751-8113/44/8/085201.

Roberts, K. A. et al. (2011) "Placental structure and inflammation in pregnancies associated with obesity," Placenta. Elsevier Ltd, 32(3), hal. 247–254. doi: 10.1016/j.placenta.2010.12.023.

Rodgers, J. T. et al. (2008) "Metabolic adaptations through the PGC-1α and SIRT1 pathways," FEBS Letters, 582(1), hal. 46–53. doi: 10.1016/j.febslet.2007.11.034.

Rodríguez, V., Plavnik, L. dan Tolosa de Talamoni, N. (2018) "Naringin attenuates liver damage in streptozotocin-induced diabetic rats," Biomedicine and Pharmacotherapy. Elsevier, 105(April), hal. 95–102. doi: 10.1016/j.biopha.2018.05.120.

Sauve, A. A. (2010) "Sirtuin chemical mechanisms," Biochimica et Biophysica Acta - Proteins and Proteomics. Elsevier B.V., 1804(8), hal. 1591–1603. doi: 10.1016/j.bbapap.2010.01.021.

Sestili, P. et al. (2018) "The potential effects of Ocimum basilicum on health: a review of pharmacological and toxicological studies," Expert Opinion on Drug Metabolism and Toxicology. Taylor & Francis, 14(7), hal. 679–692. doi: 10.1080/17425255.2018.1484450.

Shang, Y. C., Wang, S. dan Maiese, K. (2012) "SIRT1: new avenues of discovery for disorders of oxidative stress," (February). doi: 10.1517/14728222.2012.648926.

Shi, G. J. et al. (2019) "In vitro and in vivo evidence that quercetin protects against diabetes and its complications: A systematic review of the literature," Biomedicine and Pharmacotherapy. Elsevier, 109(July 2018), hal. 1085–1099. doi: 10.1016/j.biopha.2018.10.130.

Shternhall-Ron, K. et al. (2007) "Ectopic PDX-1 expression in liver ameliorates type 1 diabetes," Journal of Autoimmunity, 28(2–3), hal. 134–142. doi: 10.1016/j.jaut.2007.02.010.

Smith, J. J. et al. (2009) "Small molecule activators of SIRT1 replicate signaling pathways triggered by calorie restriction in vivo," BMC Systems Biology, 3, hal. 1–14. doi: 10.1186/1752-0509-3-31.

Sobrevilla, V. et al. (2011) "Effect of Varying Dose and Administration of Streptozotocin on Blood Sugar in Male CD1 Mice," 9, hal. 5–9.

Song, Y. et al. (2005) "Associations of Dietary Flavonoids with Risk of Type 2 Diabetes, and

Markers of Insulin Resistance and Systemic Inflammation in Women: A Prospective Study and Cross-Sectional Analysis," Journal of the American College of Nutrition, 24(5), hal. 376–384. doi: 10.1080/07315724.2005.10719488.

Stephen O Adewole , Ezekiel A Caxton-Martins, J. A. O. O. (2007) "Protective effect of quercetin on the morphology of pancreatic beta-cells of streptozotocin-treated diabetic rats." Afr J Tradit Complement Altern Med, hal. 64-74. doi: 10.4314/ajtcam.v4i1.31196.

Suanarunsawat, T., Anantasomboon, G. dan Piewbang, C. (2016) "Anti-diabetic and anti-oxidative activity of fixed oil extracted from Ocimum sanctum L. leaves in diabetic rats," Experimental and Therapeutic Medicine, 11(3), hal. 832–840. doi: 10.3892/etm.2016.2991.

Syafrina, M., Ali, H. dan Mkes, R. R. (2020) "Anti-diabetic Effects of Basil Extract (Ocimum basilicum) towards Hyeperglycemia in Gestational Diabetes Mellitus," 9(2), hal. 6–10.

Ugwu, M. et al. (2013) "Antioxidant Status and Organ Function in Streptozotocin-Induced Diabetic Rats treated with Aqueous , Methanolic and Petroleum Ether Extracts of Ocimum basilicum leaf," 3, hal. 75–79. doi: 10.7324/JAPS.2013.34.S14.

Un, J. J. et al. (2006) "Antihyperglycemic and antioxidant properties of caffeic acid in db/db mice," Journal of Pharmacology and Experimental Therapeutics, 318(2), hal. 476–483. doi: 10.1124/jpet.106.105163.

Ventura, S. et al. (2000) "Final Data for 1998," National Vitas Statistic Reports, 48(3).

Vinayagam, R. dan Xu, B. (2015) "Antidiabetic properties of dietary flavonoids: A cellular mechanism review," Nutrition and Metabolism. Nutrition & Metabolism, 12(1), hal. 1–20. doi: 10.1186/s12986-015-0057-7.

Wahli, W. dan Tee, R. (2019) PPARs in Cellular and Whole Body Energy Metabolism, PPARs in Cellular and Whole Body Energy Metabolism. doi: 10.3390/books978-3-03897-462-8.

Wang, R. H. et al. (2011) "Hepatic Sirt1 deficiency in mice impairs mTorc2/Akt signaling and results in hyperglycemia, oxidative damage, and insulin resistance," Journal of Clinical Investigation, 121(11), hal. 4477–4490. doi: 10.1172/JCI46243.

Way, J. M. et al. (2001) "Comprehensive messenger ribonucleic acid profiling reveals that peroxisome proliferator-activated receptor γ activation has coordinate effects on gene expression in multiple insulin-sensitive tissues," Endocrinology, 142(3), hal. 1269–1277. doi: 10.1210/endo.142.3.8037.

World Health Organization (WHO) (2013) "Diagnostic Criteria and Classification of Hyperglycaemia First Detected in Pregnancy," hal. 1–63.

Wu, J. et al. (2019) "Inhibition of P53/miR-34a improves diabetic endothelial dysfunction via activation of SIRT1," Journal of Cellular and Molecular Medicine, 23(5), hal. 3538–3548. doi: 10.1111/jcmm.14253.

Yeung, F. et al. (2004) "Modulation of NF-κB-dependent transcription and cell survival by the SIRT1 deacetylase," EMBO Journal, 23(12), hal. 2369–2380. doi: 10.1038/sj.emboj.7600244.

Youl, E. et al. (2010) "Quercetin potentiates insulin secretion and protects INS-1 pancreatic -cells against oxidative damage via the ERK1/2 pathway," British Journal of Pharmacology, 161(4), hal. 799–814. doi: 10.1111/j.1476-5381.2010.00910.x.

Zang, Y. et al. (2015) "The anti-obesity and anti-diabetic effects of kaempferol glycosides from unripe soybean leaves in high-fat-diet mice," Food and Function. Royal Society of Chemistry, 6(3), hal. 834–841. doi: 10.1039/c4fo00844h.

Zhang, J. (2007) "The direct involvement of SirT1 in insulin-induced insulin receptor substrate-2 tyrosine phosphorylation," Journal of Biological Chemistry, 282(47), hal. 34356–34364. doi: 10.1074/jbc.M706644200.

Zhang, Y. (2013) "Small molecule kaempferol modulates PDX-1 protein expression and subsequently promotes pancreatic β-cell survival and function via CREB," Bone, 23(1), hal. 1–7. doi: 10.1038/jid.2014.371.

Zhang, Y. dan Liu, D. (2011) "Flavonol kaempferol improves chronic hyperglycemia-impaired pancreatic beta-cell viability and insulin secretory function," European Journal of Pharmacology. Elsevier B.V., 670(1), hal. 325–332. doi: 10.1016/j.ejphar.2011.08.011.

Zhao, Q. et al. (2019) "Downregulation of peroxisome proliferator-activated receptor gamma in the placenta correlates to hyperglycemia in offspring at young adulthood after exposure to gestational diabetes mellitus," Journal of Diabetes Investigation, 10(2), hal. 499–512. doi: 10.1111/jdi.12928.