DAFTAR PUSTAKA

Abbasi, F., Brown, B.W., Lamendola, C., McLaughlin, T., Reaven, G.M., 2002. Relationship between obesity, insulin resistance, and coronary heart disease risk. *J Am Coll Cardio*, 40(5), pp.937–943.

Alford, F.P., Henriksen, J.E., Rantzau, C., Vaag, A., Hew, L.F., Ward, G.M., Beck-Nielsen, H., 1998. Impact of Family History of Diabetes on the Assessment of β-Cell Function. *Metab*, p.7.

American Diabetes Association, 2018. Classification and Diagnosis of Diabetes: Standards of Medical Care in Diabetes—2018. *Diab Care*, 41(Supplement 1), pp.S13–S27.

Andersen, G. Dalgaar, L.T., Justesen, J.M., Anthosen, S., Nielsen, T., Thorner, L.W., Witte, D., Jorgensen, T., Lausen, J.O., Lauritzen, T., Holmkvist, T., Hanse, T., Pedersen, O., 2013. The frequent UCP2 −866G>A polymorphism protects against insulin resistance and is associated with obesity: a study of obesity and related metabolic traits among 17 636 Danes. *Int J Obes*, 37(2), pp.175–181.

Arslanian, S.A., Bacha, F., Saad, R. and Gungor, N., 2005. Family History of Type 2 Diabetes Is Associated with Decreased Insulin Sensitivity and an Impaired Balance Between Insulin Sensitivity and Insulin Secretion in White Youth. *Diab Care*, 28(1), pp.115–119.

Asiah, N., 2009. Peran Genetik pada Penurunan Berat Badan. *Maj Ked Ind*, p.6.

Ball, G.D.C., Huang, T.T.K., Gower, B.A., Cruz, M.L., Shaibi, G.Q., Weigensberg, M.J., Goran M.I., 2006. Longitudinal Changes in Insulin Sensitivity, Insulin Secretion, and β-Cell Function During Puberty. *J Pediat*, 148(1), pp.16–22.

Baranova, A., Randhawa, M., Jarrar, M. and Younossi, Z.M., 2007. Adipokines and melanocortins in the hepatic manifestation of metabolic syndrome: nonalcoholic fatty liver disease. *Exp Rev Mol Diagn*, 7(2), pp.195–205.

Bermudez, V., Salazar, J., Martinez, M.S., Chavez-Castillo, M., Olivar, L.C., Calvo, M.J., Palmar, J., Bautista, J., Ramos, E., Cabrera, M., Pachano, F., Rojas, J., 2016. Prevalence and Associated Factors of Insulin Resistance in Adults from Maracaibo City, Venezuela. *Adv Prev Med*, 2016, pp.1–13.

Bouillaud, F., 2009. UCP2, not a physiologically relevant uncoupler but a glucose sparing switch impacting ROS production and glucose sensing. *Biochimica et Biophysica Acta (BBA) - Bioenergetics*, 1787(5), pp.377–383.

Bray, G.A., 1999. Etiology and pathogenesis of obesity. *Clin Cornerstone*, 2(3), pp.1–15.

Bulotta, A., Ludovico, O., Coco, A., Di Paola, R., Quattrone, A., Carella, M., Pellegrini, F., Prudente, S., Trischitta, V., 2005. The Common −866G/A Polymorphism in the Promoter Region of the UCP-2 Gene Is Associated with Reduced Risk of Type 2 Diabetes in Caucasians from Italy. *J Clin Endo Met*, 90(2), pp.1176–1180.

Caceres, M., Teran, C.G., Rodriguez, S. and Medina, M., 2008. Prevalence of insulin resistance and its association with metabolic syndrome criteria among Bolivian children and adolescents with obesity. *BMC Pediatrics*, 8(1).

Chakraborty, C., 2006. Biochemical and Molecular Basis of Insulin Resistance. *Cur Prot Pept Sci*, 7(2), pp.113–121.

Chan, C.B., Saleh, M.C., Koshkin, V. and Wheeler, M.B., 2004. Uncoupling Protein 2 and Islet Function. *Diab*, 53(Supplement 1), pp.S136–S142.

Chen, G., Liu, C., Yao, J., Jiang, Q., Chen, N., Huang, H., Liang, J., Li, L., Lin, L., 2010. Overweight, obesity, and their associations with insulin resistance and β-cell function among Chinese: a cross-sectional study in China. *Metabolism*, 59(12), pp.1823–1832.

Corica, D., Aversa, T., Valenzise, M., Messina, M.F., Alibrandi, A., De Luca, F., Wasniewska, M., 2018. Does Family History of Obesity, Cardiovascular, and Metabolic Diseases Influence Onset and Severity of Childhood Obesity? *Frontiers in Endocrinology*, 9.

Crispim, D., Fagundes, N.J.R., dos Santos, K.G., Rheinheimer, J., Boucas, A.P., de Souza, B., Macedo, G.S., Leiria, L.B., Gross, J.L., Canani, L.H., 2010. Polymorphisms of the *UCP2* gene are associated with proliferative diabetic retinopathy in patients with diabetes mellitus. *Clin Endo*, 72(5), pp.612–619.

D'Adamo, E. and Caprio, S., 2011. Type 2 Diabetes in Youth: Epidemiology and Pathophysiology. *Diab Care*, 34(Supplement_2), pp.S161–S165.

D'Adamo, M., Perego, L., Cardellini, M., Marini, M.A., Frontoni, S., Andreozzi, F., Sciacqua, A., Lauro, D., Sbraccia, P., Federici, M., Paganelli, M., Pontiroli, A.E., Lauro, R., Perticone, F., Folli, F., Sesti, G., 2004. The -866A/A Genotype in the Promoter of the Human Uncoupling Protein 2 Gene Is Associated with Insulin Resistance and Increased Risk of Type 2 Diabetes. *Diabetes*, 53(7), pp.1905–1910.

Dalgaard, L.T. and Pedersen, O., 2001. Uncoupling proteins: functional characteristics and role in the pathogenesis of obesity and Type II diabetes. *Diabetologia*, 44(8), pp.946–965.

Danadian, K., Balasekaran, G., Lewy, V., Meza, M.P., Robertson, R., Arslanian, S.A., 1999. Insulin Sensitivity in African-American Children with and Without Family History of Type 2 Diabetes. *Diab Care*, 22(8), p.5.

DeFronzo, R.A., Eldor, R. and Abdul-Ghani, M., 2013. Pathophysiologic Approach to Therapy in Patients with Newly Diagnosed Type 2 Diabetes. *Diab Care*, 36(Supplement_2), pp.S127–S138.

Douette, P. and Sluse, F.E., 2006. Mitochondrial uncoupling proteins: New insights from functional and proteomic studies. *Free Rad Bio Med*, 40(7), pp.1097–1107.

Echtay, K., 2007. Mitochondrial uncoupling proteins—What is their physiological role? *Free Rad Bio Med*, 43(10), pp.1351–1371.

Erlanson-Albertsson, C., 2003. The role of uncoupling proteins in the regulation of metabolism. *Acta Phys Scand*, 178(4), pp.405–412.

Esterbauer, H., Schneitler, C., Oberkofler, H., Ebenbichler, C., Paulweber, B., Sandhofer, F., Lauderner, G., Hell, E., Strosberg, A.D., Patsch, J.R., Krempler, F., Patsch, W., 2001. A common polymorphism in the promoter of UCP2 is associated with decreased risk of obesity in middle-aged humans. *Nat Gen*, 28(2), pp.178–183.

Evans, J.L., Goldfine, I.D., Maddux, B.A. and Grodsky, G.M., 2002. Oxidative Stress and Stress-Activated Signaling Pathways: A Unifying Hypothesis of Type 2 Diabetes. *Endo Rev*, 23(5), pp.599–622.

Eyzaguirre, F. and Mericq, V., 2009. Insulin Resistance Markers in Children. *Horm Res Paed*, 71(2), pp.65–74.

Ezenwaka, C.E., Akanji, A.O., Akanji, B.O., Unwin, N.C., Adejuwon, C.A., 1997. The prevalence of insulin resistance and other cardiovascular disease risk factors in healthy elderly southwestern nigerians. *Atherosclerosis*, 128(2), pp.201–211.

Ferrannini, E., Natali, A., Bell, P., Cavallo-Perin, P., Lalic, N., Mingrone, G., 1997. Insulin resistance and hypersecretion in obesity. European Group for the Study of Insulin Resistance (EGIR). *J Clin Invest*, 100(5), pp.1166–1173.

Forbes, J.M. and Cooper, M.E., 2013. Mechanisms of Diabetic Complications. *Physio Rev*, 93(1), pp.137–188.

Froguel, P. and Boutin, P., 2001. Genetics of Pathways Regulating Body Weight in the Development of Obesity in Humans. *Experimental Biology and Medicine*, 226(11), pp.991–996.

Ghergherehchi, 2010. Prevalence of impaired glucose tolerance and insulin resistance among obese children and adolescents. *Ther Clin Risk Mana*, p.345.

Giannini, C., de Giorgis, T., Scarinci, A., Ciampani, M., Marcovecchio, M.L., Chiarelli, F., Mohn, A., 2008. Obese related effects of inflammatory markers and insulin resistance on increased carotid intima media thickness in pre-pubertal children. *Atherosclerosis*, 197(1), pp.448–456.

Gutch, M., Kumar, S., Razi, S.M., Gupta, K.K., Gupta, A., 2015. Assessment of insulin sensitivity/resistance. *Ind J Endo Met*, 19(1), p.160.

van Haeften, T.W., Dubbeldam, S., Zonderland, M.L. and Erkelens, D.W., 1998. Insulin Secretion in Normal Glucose-Tolerant Relatives of Type 2 Diabetic Subjects: Assessments using hyperglycemic glucose clamps and oral glucose tolerance tests. *Diab Care*, 21(2), pp.278–282.

Hancock, A.M., Clark, V.J., Qian, Y. and Di Rienzo, A., 2011. Population Genetic Analysis of the Uncoupling Proteins Supports a Role for UCP3 in Human Cold Resistance. *Mol Bio Evo*, 28(1), pp.601–614.

Hirsch, I.B., Brunzell, J. and Paauw, D.S., 1995. Hospitalize Patients — For. *Diab Care*, 18(6), p.9.

Huriyati, E., 2015. Hubungan Antara Interaksi Polimorfisme Gen Uncoupling Protein 2 (UCP2), K+ channel, inwardly reactifying subfamily J, member 11 (KCNJ11), dan Transcription Factor 7-Like 2 (TCF7L2) dengan Asupan Tinggi Lemak dan Karbohidrat Sederhana dalam Kaitannya dengan Kejadian Obestias pada Remaja. Universitas Gadjah Mada, Yogyakarta

Imamura, F., Mukamal, K.J., Meigs, J.B., Luchsinger, J.A., Ix, J.H., Siscovick, D.S., Mozaffarian, D., 2013. Risk Factors for Type 2 Diabetes Mellitus Preceded by β-Cell Dysfunction, Insulin Resistance, or Both in Older Adults. *American Journal of Epidemiology*, 177(12), pp.1418–1429.

Ishikawa, M., Pruneda, M.L., Adams-Huet, B. and Raskin, P., 1998. Obesity-independent hyperinsulinemia in nondiabetic first-degree relatives of individuals with type 2 diabetes. *Diabetes*, 47(5), pp.788–792.

Jali, M.V., Kambar, S., Jali, S.M. and Gowda, S., 2009. Familial early onset of type-2 diabetes mellitus and its complications. *Nor Amer J Med Sci*, 1(7), p.5.

Keskin, M., Kurtoglu, S., Kendirci, M., Atabek, M., Yazici, C., 2005. Homeostasis Model Assessment Is More Reliable Than the Fasting Glucose/Insulin Ratio and Quantitative Insulin Sensitivity Check Index for Assessing Insulin Resistance Among Obese Children and Adolescents. *Pediat*, 115(4), pp.e500–e503.

Kissebah, A.H. Vygelingum, N., Murray, R., Evans, D.J., Hartz, A.J., Kalkhoff, R.K., Adams, P.W., 1982. Relation of Body Fat Distribution to Metabolic Complications of Obesity. *J Clin Endo Met*, 54(2), p.7.

Lee, J.M., Okumura, M.J., Davis, M.M., Herman, W.H., Gurney, J.G., 2006. Prevalence and Determinants of Insulin Resistance Among U.S. Adolescents: A population-based study. *Diab Care*, 29(11), pp.2427–2432.

Li, H., Isomaa, B., Taskinen, M.R., Groop, L., Tuomi, T., 2000. Consequences of a family history of type 1 and type 2 diabetes on the phenotype of patients with type 2 diabetes. *Diab Care*, 23(5), pp.589–594.

Liu, J., Liu, J., Li, H., Liu, L., Zheng, J., Huang, Z., Cao, X., Xiao, H., Li, Y., 2017. Higher Ratio of Abdominal Subcutaneous to Visceral Adipose Tissue Related with Preservation of Islet β -Cell Function in Healthy Individuals. *Int J Endo*, 2017, pp.1–10.

Liu, Y.-J., Liu, P.-Y., Long, J., Lu, Y., Elze, L., Recker, R.R., Deng, H.-W., 2005. Linkage and association analyses of the UCP3 gene with obesity phenotypes in Caucasian families. *Physio Gen*, 22(2), pp.197–203.

Lyssenko, V. and Laakso, M., 2013. Genetic Screening for the Risk of Type 2 Diabetes: Worthless or valuable? *Diab Care*, 36(Supplement_2), pp.S120–S126.

Mari, A., Pacini, G., Murphy, E., Ludvik, B., Nolan, J.J., 2001. A Model-Based Method for Assessing Insulin Sensitivity From the Oral Glucose Tolerance Test. *Diab Care*, 24(3), pp.539–548.

Marini, M.A., Frontoni, S., Mineo, D., Bracagla, D., Cardellini, M., de Nicolais, P., Baroni, A., D'Alfonso, R., Perna, M., Lauro, D., Fereici, M., Gambardella, S., Lauro, R., Sesti, G., 2003. The Arg ^{972} Variant in Insulin Receptor Substrate-1 Is Associated with an Atherogenic Profile in Offspring of Type 2 Diabetic Patients. *J Clin Endo Met*, 88(7), pp.3368–3371.

Meier, U., 2004. Endocrine Regulation of Energy Metabolism: Review of Pathobiochemical and Clinical Chemical Aspects of Leptin, Ghrelin, Adiponectin, and Resistin. *Clin Chem*, 50(9), pp.1511–1525.

Meshkani, R., Taghikhani, M., Al-Kateb, H., Larijani, B., Khatami, S., Sidiropoulos, G.K., Hegele, R.A., Adeli, K., 2007. Polymorphisms within the Protein Tyrosine Phosphatase 1B (PTPN1) Gene Promoter: Functional Characterization and Association with Type 2 Diabetes and Related Metabolic Traits. *Clin Chem*, 53(9), pp.1585–1592.

Nazare, J.-A., Smith, J.D., Borel, A.-L., Haffner, S.M., Balkau, B., Ross, R., Massien, C., Almeras, N., Despres, J.-P., 2012. Ethnic influences on the relations between abdominal subcutaneous and visceral adiposity, liver fat, and

cardiometabolic risk profile: the International Study of Prediction of Intra-Abdominal Adiposity and Its Relationship With Cardiometabolic Risk/Intra-Abdominal Adiposity. *Amer J Clin Nut*, 96(4), pp.714–726.

Ndisang, J.F., Rastogi, S. and Vannacci, A., 2014. Insulin Resistance, Type 1 and Type 2 Diabetes, and Related Complications: Current Status and Future Perspective. *J Diab Res*, 2014, pp.1–2.

Nelson, D. and Cox, M., 2004. *Lehninger Principles of Biochemistry* 4th ed., Freeman & Co, New York.

Ochoa, M.C., Santos, J.L., Azcona, C., Moreno-Aliaga, M.J., Martinez-Gonzalez, M.A., Martinez, J.A., Marti, A., 2007. Association between obesity and insulin resistance with UCP2–UCP3 gene variants in Spanish children and adolescents. *Molecular Genetics and Metabolism*, 92(4), pp.351–358.

Oktavianthi, S., Trimarsanto, H., Febinia, C.A., Suastika, K., Saraswati, M.R., Dwipayana, P., Arindrarto, W., Sudoyo, H., Malik, S.G., 2012. Uncoupling protein 2 gene polymorphisms are associated with obesity. *Cardio Diab,* 11(1), p.41.

Oussaada, S.M., van Galen, K.A., Cooiman, M.I., Kleinendorst, L., Hazebroek, E.J., van Haelst, M.M., ter Horst, K.W., Serlie, M.J., 2019. The pathogenesis of obesity. *Met*, 92, pp.26–36.

Ozougwu, O., 2013. The pathogenesis and pathophysiology of type 1 and type 2 diabetes mellitus. *J Physio Patho*, 4(4), pp.46–57.

Pi-Sunyer, F.X., 2000. Overnutrition and undernutrition as modifiers of metabolic processes in disease states. *Amer J Clin Nut*, 72(2), pp.533S-537S.

Polonsky, K., 2000. Dynamics of insulin secretion in obesity and diabetes. *Int J Obes*, 24(S2), pp.S29–S31.

Pradhan, A.D., 2001. C-Reactive Protein, Interleukin 6, and Risk of Developing Type 2 Diabetes Mellitus. *JAMA*, 286(3), p.327.

Rai, E., Sharma, S., Koul, A., Bhat, A.K., Bhanwer, A.J.S., Bamezai, R.N.K., 2007. Interaction between the UCP2–866G/A, mtDNA 10398G/A and PGC1α p.Thr394Thr and p.Gly482Ser polymorphisms in type 2 diabetes susceptibility in North Indian population. *Hum Gene*, 122(5), pp.535–540.

Rousset, S., Alves-Guerra, M.-C., Mozo, J., Miroux, B., Cassard-Doulcier, A.-M., Bouillaud, F., Ricquier, D., 2004. The Biology of Mitochondrial Uncoupling Proteins. *Diab*, 53(Supplement 1), pp.S130–S135.

Salgado, A.L.F. de A., Cavalho, L. de., Oliveira, A.C., Santos, V.N. dos., Vieira, J.G., Parise, E.R., 2010. Insulin resistance index (HOMA-IR) in the

differentiation of patients with non-alcoholic fatty liver disease and healthy individuals. *Arquivos de Gastroenterologia*, 47(2), pp.165–169.

Sasahara, M., NIshi, M., Kawashima, H., Ueda, K., Sakagashira, S., Furuta, H., Matsumoto, E., Hanabusa, T., Sasaki, H., Nanjo, K., 2004. Uncoupling Protein 2 Promoter Polymorphism -866G/A Affects Its Expression in -Cells and Modulates Clinical Profiles of Japanese Type 2 Diabetic Patients. *Diab*, 53(2), pp.482–485.

Septyaningtrias, D., 2011. The Association of -866G/A Polymorphism in UCP2 Gene and -55C/T Polymorphism in UCP3 Gene with Insulin Resistance in Obese Female Adolescents. Universitas Gadjah Mada, Yogyakarta

Sesti, G., Cardellini, M., Marini, M.A., Frontoni, S., D'Adamo, M., Del Guerra, S., Lauro, D., De Nicolais, P., Sbraccia, P., Del Prato, S., Gambardella, S., Federici, M., Marchetti, P., Lauro, P., 2003. A Common Polymorphism in the Promoter of UCP2 Contributes to the Variation in Insulin Secretion in Glucose-Tolerant Subjects. *Diab*, 52(5), pp.1280–1283.

Sjöholm, Å. and Nyström, T., 2006. Inflammation and the etiology of type 2 diabetes. *Diab/Meta Res Rev*, 22(1), pp.4–10.

Sluse, F.E., Douette, P., 2006. Mitochondrial UCPs: New insights into regulation and impact. *Biochimica et Biophysica Acta (BBA) - Bioenergetics*, 1757(5–6), pp.480–485.

Solanki, J., Makwana, A.H., Mehta, H.B., Gokhale, P.A., Shah, C.J., 2015. Body composition in type 2 diabetes: Change in quality and not just quantity that matters. *Int J Prev Med*, 6(1), p.122.

Song, Y., Manson, J.E., Tinker, L., Kuller, L.H., Nathan, L., Rifai, N., Liu S., 2007. Insulin Sensitivity and Insulin Secretion Determined by Homeostasis Model Assessment and Risk of Diabetes in a Multiethnic Cohort of Women: The Women's Health Initiative Observational Study. *Diab Care*, 30(7), pp.1747–1752.

de Souza, B.M., Brondani, L.A., Loucas, A.P., Sortica, D.A., Kramer, C.K., Canani, L.H., Laitao, C.B., Crispim, D., Huang Q., 2013. Associations between UCP1 -3826A/G, UCP2 -866G/A, Ala55Val and Ins/Del, and UCP3 -55C/T Polymorphisms and Susceptibility to Type 2 Diabetes Mellitus: Case-Control Study and Meta-Analysis Huang, Q., (ed.). *Plos ONE*, 8(1), p.e54259.

Souza, B.M. de., Sortica, D.A., Boucas, A.P., Rheinheimer, J., Buffon, A.C., Canani, L.H., Crispim, D., Paschou, P., 2015. Polymorphisms of the UCP2 Gene Are Associated with Glomerular Filtration Rate in Type 2 Diabetic Patients and with Decreased UCP2 Gene Expression in Human Kidney Paschou, P., (ed.). *Plos ONE*, 10(7), p.e0132938.

Souza, B.M. de et al., 2011. The role of uncoupling protein 2 (UCP2) on the development of type 2 diabetes mellitus and its chronic complications. *Arquiv Bras de Endo Meta*, 55(4), pp.239–248.

Srivastava, N., Assmann, T.S., Gross, J.L., Canani, L.H., Crispim, D., 2010. A common polymorphism in the promoter of UCP2 is associated with obesity and hyperinsulenemia in northern Indians. *Mol Cell Biochem*, 337(1–2), pp.293–298.

Starr, C. and McMillan, B., 2016. *Human Biology 11th Edition* 11th ed., Cengage Learning, Boston.

Steinberger, J., Moran, A., HOng, C.-P., Jacobs, D.R., Sinaiko, A.R., 2001. Adiposity in childhood predicts obesity and insulin resistance in young adulthood. *J Pediat*, 138(4), pp.469–473.

Strazzullo, P., Iacone, R., Siani, A., Cappuccio, F.P., Russo, O., Barba, G., Barbato, A., D'Elia, L., Trevisanm M., Farinaro, E., 2001. Relationship of the Trp64Arg polymorphism of the beta3-adrenoceptor gene to central adiposity and high blood pressure: interaction with age. Cross-sectional and longitudinal findings of the Olivetti Prospective Heart Study: *J Hypert*, 19(3), pp.399–406.

Sung, K.-C., Reaven, G.M. and Kim, S.H., 2010. Utility of Homeostasis Model Assessment of -Cell Function in Predicting Diabetes in 12,924 Healthy Koreans. *Diab Care*, 33(1), pp.200–202.

Syed Ikmal, S.I.Q., Zaman Huri, H., Vethakkan, S.R. and Wan Ahmad, W.A., 2013. Potential Biomarkers of Insulin Resistance and Atherosclerosis in Type 2 Diabetes Mellitus Patients with Coronary Artery Disease. *Int J Endo*, 2013, pp.1–11.

The InterAct Consortium, 2013. The link between family history and risk of type 2 diabetes is not explained by anthropometric, lifestyle or genetic risk factors: the EPIC-InterAct study. *Diabetologia*, 56(1), pp.60–69.

Wang, H. et al., 2004. Uncoupling protein-2 polymorphisms in type 2 diabetes, obesity, and insulin secretion. *Amer J Phys-Endo Met*, 286(1), pp.E1–E7.

Wang, Z.-S., Song, Z.-C., Bai, J.-H., Li, F., Wu, T., Qi, J., Hu, J., 2013. Red blood cell count as an indicator of microvascular complications in Chinese patients with type 2 diabetes mellitus. *Vasc Hea Risk Man*, p.237.

Warram, J.H., 1990. Slow Glucose Removal Rate and Hyperinsulinemia Precede the Development of Type II Diabetes in the Offspring of Diabetic Parents. *Ann Inter Med*, 113(12), p.909.

World Health Organization, 2000. The Asia-Pacific Perspective: Redefining Obesity and Its Treatment.

Yeckel, C.W., Weiss, R., Dziura, J., Taksali, S.E., Dufour, S., Burgert, T., Tamborlane, W.V., Caprio, S., 2004. Validation of Insulin Sensitivity Indices from Oral Glucose Tolerance Test Parameters in Obese Children and Adolescents. *J Clin Endo Met*, 89(3), pp.1096–1101.

Zhang, D., Chen, A. and Gu, Y., 2017. Ruptured secondary abdominal pregnancy after primary laparoscopic treatment for tubal pregnancy: A case report. *Med*, 96(50), p.e9254.

Zhou, M., He. S., Ping, F., Li, W., Zhu, L., Cui, X., Feng, L., Zhao, X., Zhang, H., Li, Y., Sun, Q., 2018. Uncoupling Protein 2 and Peroxisome Proliferator-Activated Receptor γ Gene Polymorphisms in Association with Diabetes Susceptibility in Chinese Han Population with Variant Glucose Tolerance. *Int J Endo*, 2018, pp.1–16.