DAFTAR PUSTAKA

Ahn, J. H., Shin, B. N., Song, M., Kim, H., Park, J. H., Lee, T.-K., Park, C. W., Park, Y. E., Lee, J.-C., & Yong, J.-H. (2019). *Intermittent fasting* Increases The Expressions Of Sods And Catalase In Granule And Polymorphic Cells And Enhances Neuroblast Dendrite Complexity And Maturation In The Adult Gerbil Dentate Gyrus. *Molecular Medicine Reports*, *19*(3), 1721–1727.

Akbarzadeh, A., Norouzian, D., Mehrabi, M. R., Jamshidi, S. H., Farhangi, A., Verdi, A. A., Mofidian, S. M. A., & Rad, B. L. (2007). Induction Of Diabetes By Streptozotocin In Rats. *Indian Journal Of Clinical Biochemistry*, *22*, 60–64.

Alfaqih, D. (2022) *Manajemen Penatalaksanaan Diabetes Mellitus*. Edited by Guepedia. Guepedia.

Al-Ghoul, W. M., Abu-Shaqra, S., Park, B. G., & Fazal, N. (2010). Melatonin Plays A Protective Role In Postburn Rodent Gut Pathophysiology. *International Journal Of Biological Sciences*, *6*(3), 282.

Al-Hajj, N. Q. M., Sharif, H. R., Aboshora, W., & Wang, H. (2016). In Vitro And In Vivo Evaluation Of Antidiabetic Activity Of Leaf Essential Oil Of Pulicaria Inuloides-Asteraceae. *Journal Of Food And Nutrition Research*, *4*(7), 461–470.

Al-Jafar, R., Zografou Themeli, M., Zaman, S., Akbar, S., Lhoste, V., Khamliche, A., Elliott, P., Tsilidis, K. K., & Dehghan, A. (2021). Effect Of Religious Fasting In Ramadan On Blood Pressure: Results From Lorans (London Ramadan Study) And A Meta-Analysis. *Journal Of The American Heart Association*, *10*(20), E021560.

Almeneessier, A. S., & Bahammam, A. S. (2018). How Does Diurnal *Intermittent fasting* Impact Sleep, Daytime Sleepiness, And Markers Of The Biological Clock? Current Insights. *Nature And Science Of Sleep*, 439–452.

Anton SD, Moehl K, Donahoo WT, Marosi K, Lee SA, Mattson MP, *et al*. (2018). Flipping the metabolic switch: understanding and applying the health benefits of fasting. Obesity (Silver Spring). 26(2):254-68. doi: 10.1002/ oby.22065

Al-Rawi, N., Madkour, M., Jahrami, H., Salahat, D., Alhasan, F., Bahammam, A., & Al-Islam Faris, M. (2020). Effect Of Diurnal *Intermittent fasting* During Ramadan On Ghrelin, Leptin, Melatonin, And Cortisol Levels Among Overweight And Obese Subjects: A Prospective Observational Study. *Plos One*, *15*(8), E0237922.

Al-Shafei, A. I. (2014). Ramadan Fasting Ameliorates Oxidative Stres And Improves Glycemic Control And Lipid Profile In Diabetic Patients. *European Journal Of Nutrition*, *53*, 1475–1481.

Arifputera, *Et al*. (2014). *Kapita Selekta Kedokteran* (4th Ed.). Jakarta: Media Aesculapius.

Asmat, U., Abad, K., & Ismail, K. (2016). Diabetes Mellitus And Oxidative Stres—A Concise Review. *Saudi Pharmaceutical Journal*, *24*(5), 547– 553.

Ayala, A., Muñoz, M. F., & Argüelles, S. (2014). Lipid Peroxidation: Production, Metabolism, And Signaling Mechanisms Of Malondialdehyde And 4-Hydroxy-2-Nonenal. *Oxidative Medicine And Cellular Longevity*, *2014*, 1–31. Https://Doi.Org/10.1155/2014/360438

Bahammam, A. (2013). *Intermittent fasting* Does Not Influence The Circadian Pattern Of Melatonin When Controlling For Meals, Light Exposure And Sleep Schedules. *Sleep Medicine*, *14*, E68.

Belkacemi, L., Selselet-Attou, G., Hupkens, E., Nguidjoe, E., Louchami, K., Sener, A., & Malaisse, W. J. (2012). *Intermittent fasting* Modulation Of The Diabetic Syndrome In Streptozotocin-Injected Rats. *International Journal Of Endocrinology*, *2012*.

Bhoumik, S., Kumar, R., & Rizvi, S. I. (2020). Time Restricted Feeding Provides A Viable Alternative To Alternate Day Fasting When Evaluated In Terms Of Redox Homeostasis In Rats. *Archives Of Gerontology And Geriatrics*, *91*, 104188.

Burgos-Morón, E., Abad-Jiménez, Z., Martinez De Maranon, A., Iannantuoni, F., Escribano-López, I., López-Domènech, S., Salom, C., Jover, A., Mora, V., & Roldan, I. (2019). Relationship Between Oxidative Stres, Er Stres, And Inflammation In Type 2 Diabetes: The Battle Continues. *Journal Of Clinical Medicine*, *8*(9), 1385.

Castika, Y., & Melati, N. (2019). Efektifitas Terapi Musik Langgam Jawa Dan Musik Alam Terhadap Perubahan Kadar Gula Dalam Darah Pada Orang Dengan Diabetes Mellitus Tipe Ii Di Wilayah Kerja Puskesmas Prambanan Klaten Tahun 2019. *Sekolah Tinggi Ilmu Kesehatan Bethesda Yakkum Yogyakarta*.

Champney, T. H., Brainard, G. C., Richardson, B. A., & Reiter, R. J. (1983). Experimentally-Induced Diabetes Reduces Nocturnal Pineal Melatonin Content In The Syrian Hamster. *Comparative Biochemistry And Physiology. A, Comparative Physiology*, *76*(1), 199–201.

Chawla, S., Beretoulis, S., Deere, A., & Radenkovic, D. (2021). The Window Matters: A Systematic Review Of Time Restricted Eating Strategies In Relation To Cortisol And Melatonin Secretion. *Nutrients, 13*(8), 2525.

Chijiokwu, E. A., Nwangwa, E. K., Oyovwi, M. O., Naiho, A. O., Emojevwe, V., Ohwin, E. P., Ehiwarior, P. A., Ojugbeli, E. T., Nwabuoku, U. S., & Oghenetega, O. B. (2022). *Intermittent fasting* And Exercise Therapy Abates Stz-Induced Diabetotoxicity In Rats Through Modulation Of Adipocytokines Hormone, Oxidative Glucose Metabolic, And Glycolytic Pathway. *Physiological Reports*, *10*(20), E15279.

Chitimus, D. M., Popescu, M. R., Voiculescu, S. E., Panaitescu, A. M., Pavel, B., Zagrean, L., & Zagrean, A.-M. (2020). Melatonin's Impact On Antioxidative And Anti-Inflammatory Reprogramming In Homeostasis And Disease. *Biomolecules, 10*(9), 1211.

Cienfuegos, S., Gabel, K., Kalam, F., Ezpeleta, M., Wiseman, E., Pavlou, V., Lin, S., Oliveira, M. L., & Varady, K. A. (2020). Effects Of 4-And 6-H Time-Restricted Feeding On Weight And Cardiometabolic Health: A Randomized Controlled Trial In Adults With Obesity. *Cell Metabolism*, *32*(3), 366-378. E3.

Contini, A., Sanna, F., Maccioni, P., Colombo, G., & Argiolas, A. (2018). Comparison Between Male And Female Rats In A Model Of Self-Administration Of A Chocolate-Flavored Beverage: Behavioral And Neurochemical Studies. *Behavioural Brain Research, 344*, 28–41.

De Cabo, R. and Mattson, M.P. (2019) 'Effects of *Intermittent fasting* on Health, Aging, and Disease', New England Journal of Medicine, 381(26), pp. 2541–2551. Available at: https://doi.org/10.1056/nejmra1905136.

Decroli, E., Manaf, A., Syahbuddin, S., Syafrita, Y., & Dillasamola, D. (2019). The Correlation between Malondialdehyde and Nerve Growth Factor Serum Level with Diabetic Peripheral Neuropathy Score. *Open access Macedonian journal of medical sciences*, *7*(1), 103–106. https://doi.org/10.3889/oamjms.2019.029

Dubois-Deruy, E., Peugnet, V., Turkieh, A., & Pinet, F. (2020). Oxidative Stres In Cardiovascular Diseases. *Antioxidants, 9*(9), 864.

Eberhardt MK. (2001). Reactive oxygen metabolites. 2nd ed. Washington: CRC Press;p. 174-85.

Ebrahimi-Mameghani, M., Safaiyan, A., & Tajalizadekhoob, Y. (2023). "The Effect of Intermittent Fasting on Antioxidant Enzyme Levels and Oxidative Stress in Diabetic Rats." *Journal of Experimental Biology*, 247(6): 843-856.

Eizirik, D. L., Cardozo, A. K., & Cnop, M. (2008). The Role For Endoplasmic Reticulum Stres In Diabetes Mellitus. *Endocrine Reviews*, *29*(1), 42–61.

El-Dawy, K., Ahmed, A. I., Sharsher, S. I., Metwally, M., & Arisha, A. H. (2021). The Metabolic Impact And Beneficial Effects Of Different Energy Restriction Protocols In Rats: An Alternative Health Plan. *J. Anim. Health Prod*, *9*(S1), 87–94.

Elortegui Pascual, P., Rolands, M. R., Eldridge, A. L., Kassis, A., Mainardi, F., Lê, K.-A., Karagounis, L. G., Gut, P., & Varady, K. A. (2023). A Meta-Analysis Comparing The Effectiveness Of Alternate Day Fasting, The 5: 2 Diet, And Time-Restricted Eating For Weight Loss. *Obesity*, *31*, 9–21.

Erejuwa, O., Sulaiman, S., & Wahab, M. (2014). Effects Of Honey And Its Mechanisms Of Action On The Development And Progression Of Cancer. *Molecules*, *19*(2),2497–2522. Https://Doi.Org/10.3390/Molecules19022497

Fatimah N R. (2015). Diabetes Melitus Tipe 2. Fak Kedokteran, Univ Lampung. 4(1302006088):93–101.

Fitria, L., Mulyati, T. C., & Budi, A. S. (2015). Profil Reproduksi Jantan Tikus (Rattus Norvegicus Berkenhout, 1769) Galur Wistar Stadia Muda, Pradewasa, Dan Dewasa. *J Biol Papua*, *7*(1), 29–36.

Flanagan, E. W., Most, J., Mey, J. T., & Redman, L. M. (2020). Calorie Restriction And Aging In Humans. *Annual Review Of Nutrition*, *40*, 105–133.

Furukawa, S., Fujita, T., Shimabukuro, M., Iwaki, M., Yamada, Y., Nakajima, Y., Nakayama, O., Makishima, M., Matsuda, M., & Shimomura, I. (2004). Increased oxidative stres in obesity and its impact on metabolic syndrome. *The Journal of clinical investigation*, *114*(12), 1752–1761. https://doi.org/10.1172/JCI21625

Galano A, Tan DX, Reiter RJ. (2011). Melatonin as a Natural ally against oxidative stres: A physicochemical examination. Jurnal of Pineal Research [internet]. ;51(1):16.

Giacco, F., & Brownlee, M. (2010). Oxidative Stres And Diabetic Complications. *Circulation Research*, *107*(9), 1058–1070.

Ginting, S. N. M., & Nasution, M. S. (2020). The Effect Of Fasting Ramadhan On Malondialdehyde Levels Stres Oxidative Paramater In Obese Patient. *Journal Of Endocrinology, Tropical Medicine, And Infectious Disease (Jetromi)*, *2*(2), 71–86.

Glorieux, C., & Calderon, P. B. (2017). Catalase, a remarkable enzyme: targeting the oldest antioxidant enzyme to find a new cancer treatment approach. *Biological chemistry*, *398*(10), 1095–1108. https://doi.org/10.1515/hsz-2017-0131.

Góth, L., Nagy, T., Paragh, G., & Káplár, M. (2016). Blood Catalase Activities, Catalase Gene Polymorphisms And Acatalasemia Mutations In Hungarian Patients With Diabetes Mellitus. Glob J Obes Diabetes Metab Syndr 3 (1): 001-005. 001

Grajower, M. M., & Horne, B. D. (2019). Clinical Management Of *Intermittent fasting* In Patients With Diabetes Mellitus. *Nutrients*, *11*(4), 873.

Grotto D, Maria LS, Valentini J, Paniz C, Garcia GS, Pomblum VJ. (2009). Importance of the lipid peroxidation biomarkers and methodological aspects for malondialdehyde quantification. Quimm Nova. 32(1):169-74

Gunawan, V. A., Soetjipto, H., & Mustika, A. (2020). Hypoglycemic And Antioxidant Activity Of Petiveria Alliacea In Diabetic Rat Models. *Health Sci. J*, *3*(1), 19.

Gwarzo, M. Y., Ahmadu, J. H., Ahmad, M. B., & Dikko, A. U. A. (2014). Serum Glucose And Malondialdehyde Levels In Alloxan Induced Diabetic Rats Supplemented With Methanolic Extract Of Tacazzea Apiculata. *International Journal Of Biomedical Science: Ijbs*, *10*(4), 236.

Hardiany, N. S., Gosal, S., Angelina, D., Gravianto, E. J., & Antarianto, R. D. (2022). The Impact Of Fasting Toward Oxidative Stres Marker In The Liver And Plasma Of New Zealand White Rabbit. *Acta Biochimica Indonesiana*, *5*(2), 112–112.

Herz, D., Haupt, S., Zimmer, R. T., Wachsmuth, N. B., Schierbauer, J., Zimmermann, P., Voit, T., Thurm, U., Khoramipour, K., & Rilstone, S. (2023). Efficacy Of Fasting In Type 1 And Type 2 Diabetes Mellitus: A Narrative Review. *Nutrients*, *15*(16), 3525.

Husna, F., Suyatna, F. D., Arozal, W., & Purwaningsih, E. H. (2019). Model Hewan Coba Pada Penelitian Diabetes. *Pharmaceutical Sciences And Research*, *6*(3), 1.

Idf, I. D. F. (2023). *Fact & Figures Diabetes*. Available At : Https://Idf.Org/About-Diabetes/Diabetes-Facts-Figures/. Accessed (7 june 2024)

Ismanto, H. (2019). Hubungan Kadar Timbal (Pb) dengan Kadar *Malondialdehid* (MDA) Dalam Darah Pada Ibu Hamil Di Wilayah Pantai Kabupaten Brebes. *Media Kesehatan Masyarakat Indonesia*, 18 (2),

Jomova, K., Alomar, S. Y., Alwasel, S. H., Nepovimova, E., Kuca, K., & Valko, M. (2024). Several Lines Of Antioxidant Defense Against Oxidative Stres: Antioxidant Enzymes, Nanomaterials With Multiple Enzyme-Mimicking Activities, And Low-Molecular-Weight Antioxidants. *Archives Of Toxicology*, *98*(5), 1323–1367. Https://Doi.Org/10.1007/S00204-024-03696-4

Ju, H.-Q., Lin, J.-F., Tian, T., Xie, D., & Xu, R.-H. (2020). Nadph Homeostasis In Cancer: Functions, Mechanisms And Therapeutic Implications. *Signal Transduction And Targeted Therapy*, *5*(1), 231.

Katoch, R. (2011). *Dapatkan Versi Cetak Buku Ini Sampul Depan Analytical Techniques In Biochemistry And Molecular Biology*. Available At : Https://Books.Google.Co.Id/Books?Id=Rcu2Gvkjo0c&Printsec=Frontcover&Hl=Id&Source=Gbs_Ge_Summary_R&Cad=0#V=Onepage&Q&F=False

Kaunang, L., Pujiastuti, E., & Maliangkay, H. P. (2020). Potential Anti-Degenerative Hypercholesterolemia In Steeping Tea With Combination Of Leaves Of Pasote (Dysphania Ambrosioides L.), Gedi (Abelmoschus Manihot L.), Tapak Dara (Catharanthus Roseus (L.) G. Don). *International Journal Of Pharmaceutical Research*, *12*(4).

Kemenkes Ri. (2018). *Riskesdas Tahun 2018*. Jakarta : Kemenkes Ri

Kirkman, H. N., Galiano, S., & Gaetani, G. F. (1987). The Function Of Catalase-Bound Nadph. *Journal Of Biological Chemistry*, *262*(2), 660–666.

Laurence, D. R., & Bacharach, A. L. (2013). *Evaluation Of Drug Activities: Pharmacometrics*.Elsevier.https://Books.Google.Com/Books?Hl=Id&Lr=&Id=Mxulbqaaqbaj&Oi=Fd&Pg=Pp1&Dq=Laurence,+D.+R.+%26+A.L.+Bacharach.+Evaluation+Of+Drug+Activities+Pharmacometries.+1981&Ots=O6vxtwgm9h&Sig= Hexidjg7ow4jsq1cmdewnbl3ouy

Li Z, Heber D. Intermittent fasting. (2021). JAMA - Journal of the American Medical Association. 326(13):1338. doi:10.1001/jama.2020.15140

Liang, B. J., Liao, S. R., Huang, W. X., Huang, C., Liu, H. S., & Shen, W. Z. (2021). *Intermittent fasting* therapy promotes insulin sensitivity by inhibiting NLRP3 inflammasome in rat model. *Annals of palliative medicine*, *10*(5), 5299–5309. https://doi.org/10.21037/apm-20-2410

Mandal, S., Simmons, N., Awan, S., Chamari, K., & Ahmed, I. (2022). *Intermittent fasting*: Eating By The Clock For Health And Exercise Performance. *Bmj Open Sport & Exercise Medicine*, *8*(1), E001206.

Mansouri, E., Panahi, M., Ghaffari, M. A., & Ghorbani, A. (2011). Effects Of Grape Seed Proanthocyanidin Extract On Oxidative Stres Induced By Diabetes In Rat Kidney. *Iranian Biomedical Journal*, *15*(3), 100.

Marathe, P. H., Gao, H. X., & Close, K. L. (2017). American Diabetes Association Standards of Medical Care in Diabetes 2017. *Journal of diabetes*, *9*(4), 320–324. https://doi.org/10.1111/1753-0407.12524

Mcmullan, C. J., Schernhammer, E. S., Rimm, E. B., Hu, F. B., & Forman, J. P. (2013). Melatonin Secretion And The Incidence Of Type 2 Diabetes. *Jama*, *309*(13), 1388–1396.

Mohamed *Et al*. (2017). Spectrophotometric Determination Of Melatonin Drug In Its Pure And Dosage Forms Using Potassium Ferricyanide-Fe (Iii) System. *Asian Journal Of Organic & Medical Chemistry*.

Mongi, R., Simbala, H. E., & De Queljoe, E. (2019). Uji Aktivitas Penurunan Kadar Gula Darah Ekstrak Etanol Daun Pinang Yaki (Areca Vestiaria) Terhadap Tikus Putih Jantan Galur Wistar (Rattus Norvegicus) Yang Diinduksi Aloksan. *Pharmacon*, *8*(2), 449–456.

Mulyaningrum, U., Muttaqina, A. F., Idninda, A. N., Pulungan, N., Agustiningtyas, I., & Fidianingsih, I. (2021). Effect Of Dawood Fasting On The Increased Level Of Antioxidant Enzymes. *Open Access Macedonian Journal Of Medical Sciences*, *9*(A), 1–6.

Mutiarahmi, C. N., Hartady, T., & Lesmana, R. (2021). Kajian Pustaka: Penggunaan Mencit Sebagai Hewan Coba Di Laboratorium Yang Mengacu Pada Prinsip Kesejahteraan Hewan. *Jurnal Indonesia Medicus Veterinus*, *10*.

Naderi-Behdani, F., Heydari, F., Ala, S., Abediankenari, S., & Asgarirad, H. (2022). Effect Of Melatonin On Stres-Induced Hyperglycemia And Insulin Resistance In Critically-Ill Patients: A Randomized Double-Blind, Placebo-Controlled Clinical Trial. *Caspian Journal Of Internal Medicine*, *13*(1), 51.

Nakai, K., & Tsuruta, D. (2021). What Are Reactive Oxygen Species, Free Radicals, And Oxidative Stres In Skin Diseases? *International Journal Of Molecular Sciences*, *22*(19), 10799.

Nandi, A., Yan, L.-J., Jana, C. K., & Das, N. (2019). Role Of Catalase In Oxidative Stres-And Age-Associated Degenerative Diseases. *Oxidative Medicine And Cellular Longevity*, *2019*.

National Center For Biotechnology Information. (2023). *Melatonin | C13h16n2o2 | Cid 896—Pubchem*. Available at: Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/Melatonin

Nurmasitoh, T., Utami, S. Y., Kusumawardani, E., Najmuddin, A. A., & Fidianingsih, I. (2018). *Intermittent fasting* Decreases Oxidative Stres Parameters In Wistar Rats (Rattus Norvegicus). *Universa Medicina*, *37*(1), 31–38.

O'connor, S. G., Boyd, P., Bailey, C. P., Shams-White, M. M., Agurs-Collins, T., Hall, K., Reedy, J., Sauter, E. R., & Czajkowski, S. M. (2021). Perspective: Time-Restricted Eating Compared With Caloric Restriction: Potential Facilitators And Barriers Of Long-Term Weight Loss Maintenance. *Advances In Nutrition*, *12*(2), 325–333.

Patel, R., Parmar, N., Palit, S. P., Rathwa, N., Ramachandran, A. V., & Begum, R. (2022). Diabetes Mellitus And Melatonin: Where Are We? *Biochimie*, *202*, 2–14.

Perkeni. (2021). *Konsensus Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Di Indonesia*. Jakarta: Pengurus Besar Perkumpulan Endokrinologi Indonesia.

Pizzino, G., Irrera, N., Cucinotta, M., Pallio, G., Mannino, F., Arcoraci, V., Squadrito, F., Altavilla, D., & Bitto, A. (2017). Oxidative Stres: Harms

And Benefits For Human Health. *Oxidative Medicine And Cellular Longevity*, *2017*.

Prawitasari, D. S. (2019). Diabetes Melitus dan Antioksidan. *Keluwih: Jurnal Kesehatan Dan Kedokteran*, *1*(1), 47-51. https://doi.org/10.24123/kesdok.V1i1.2496

Pubchem. (2023). *Malonaldehyde*. Available At Https://Pubchem.Ncbi.Nlm.Nih.Gov/Compound/10964

Safitri, M., Harliansyah, & Wuryanti, S. (2024). Effect of intermittent fasting on fasting blood glucose, sirtuin 1, and total antioxidant capacity in rat models of diabetes mellitus. *JKKI: Jurnal Kedokteran dan Kesehatan Indonesia*, 15(1), 27-36. doi:10.20885/JKKI.Vol15.Iss1.art5.

Saseekala, A., Lalitsiri, A., & Srihari, A. (2018). Estimation of Serum MDA (Malondialdehyde) in Various Morphological Types and Clinical Stages of Age Related (Senile Cataract). International Journal of Advances in Medicine. Vol 5(3):674- 680. Andhra Pradesh, India. (ISSN 2349-3925).

Schwartz, S. S., & Zangeneh, F. (2016). Evidence-Based Practice Use Of Quick-Release Bromocriptine Across The Natural History Of Type 2 Diabetes Mellitus. *Postgraduate Medicine*, *128*(8), 828–838.

Sharsher, S. I., Ahmed, A. I., Metwally, M., Arisha, A. H., & Ahmed, K. E.-D. (2022). *Intermittent fasting* Decreases Oxidative Stres Parameters And Increases Total Antioxidant Capacity. *Biointerface Research In Applied Chemistry*, *12*, 6763–6775.

Shawki, H. A., Elzehery, R., Shahin, M., Abo-Hashem, E. M., & Youssef, M. M. (2021). Evaluation Of Some Oxidative Markers In Diabetes And Diabetic Retinopathy. *Diabetology International*, *12*, 108–117.

Song, D.-K., & Kim, Y.-W. (2022). Beneficial Effects Of *Intermittent fasting*: A Narrative Review. *Journal Of Yeungnam Medical Science*, *40*(1), 4–11.

Sooch, B. S., Kauldhar, B. S., & Puri, M. (2017). Types, Structure, Applications And Future Outlook. In *Microbial Enzyme Technology In Food Applications* (Pp. 241–254). Crc Press.

Stockman M, Thomas D, Burke J, Apovian CM. *Intermittent fasting* : is the wait worth the weight ? (2018). Curr Obes Rep. 7(2):172-85. doi: 10.1007/s13679-018-0308-9

Sunita, R., Sahidan, S., & Hidayat, R. (2020). Evaluation Of Malondialdehyde In Type 2 Diabetes Mellitus Patients As Oxidative Stres Markers In Bengkulu Population. *Bioscientia Medicina: Journal Of Biomedicine And Translational Research*, *4*(3), 45–54.

Suryati, I., Primal, D., Pordiati, D. (2019). Hubungan Tingkat Pengetahuan Dan Lama Menderita Diabetes Mellitus (Dm) Dengan Kejadian Ulkus Diabetikum Pada Pasien Dm Tipe 2. Jurnal Kesehatan Perintis (Perintis's Health Journal). 6. 1-8. 10.33653/jkp.v6i1.214.

Sutton, E. F., Beyl, R., Early, K. S., Cefalu, W. T., Ravussin, E., & Peterson, C. M. (2018). Early Time-Restricted Feeding Improves Insulin Sensitivity, Blood Pressure, And Oxidative Stres Even Without Weight Loss In Men With Prediabetes. *Cell Metabolism*, *27*(6), 1212–1221.

Teng NIMF, Shahar S, Rajab NF, Manaf ZA, Johari MH, Ngah WZW. Improvement of metabolic parameters in healthy older adult men following a fasting calorie restriction intervention (2013). Aging Male. 2013;16(4):177-83. doi: 10.3109/13685538.2013.832191

Tiwari, B. K., Pandey, K. B., Abidi, A. B., & Rizvi, S. I. (2013). Markers Of Oxidative Stres During Diabetes Mellitus. *Journal Of Biomarkers*, *2013*.

Tursinawati, Y., Kartikadewi, A., Yuniastuti, A., & Susanti, R. (2021). Melatonin, A Promising Therapeutic For Diabetes Mellitus And Its Complications: A Narrative Review. *Journal Of Biomedicine And Translational Research*, *7*(3), 138–145.

Utami, A. N. (2022). *Pengaruh Puasa Ramadan Terhadap Kadar Malondialdehida Serum*. Uin Syarif Hidayatullah Jakarta: Fakultas Kedokteran Dan Ilmu Kesehatan, 2017.

Varady, K. A., Cienfuegos, S., Ezpeleta, M., & Gabel, K. (2022). Clinical Application Of *Intermittent fasting* For Weight Loss: Progress And Future Directions. *Nature Reviews Endocrinology*, *18*(5), 309–321.

Yang, M., Chen, W., He, L., Liu, D., Zhao, L., & Wang, X. (2022). *Intermittent fasting*—A Healthy Dietary Pattern For Diabetic Nephropathy. *Nutrients*, *14*(19), 3995.

Yoboue, E. D., Sitia, R., & Simmen, T. (2018). Redox Crosstalk At Endoplasmic Reticulum (Er) Membrane Contact Sites (Mcs) Uses Toxic Waste To Deliver Messages. *Cell Death & Disease*, *9*(3), 331.

Yudhistina, K., Prafiantini, E., & Hardiany, N. S. (2021). Pengaruh Puasa Intermiten 5: 2 Terhadap Kadar Malondialdehida Pada Karyawan Pria Dewasa Dengan Obesitas. *Jurnal Gizi Klinik Indonesia*, *17*(4), 184–193.

Zare Javid, A., Hosseini, S. A., Gholinezhad, H., Moradi, L., Haghighi-Zadeh, M. H., & Bazyar, H. (2020). Antioxidant And Anti-Inflammatory Properties Of Melatonin In Patients With Type 2 Diabetes Mellitus With Periodontal Disease Under Non-Surgical Periodontal Therapy: A Double-Blind, Placebo-Controlled Trial. *Diabetes, Metabolic Syndrome And Obesity*, 753–761.

Zeb, A., & Ullah, F. (2016). A Simple Spectrophotometric Method For The Determination Of Thiobarbituric Acid Reactive Substances In Fried Fast Foods. *Journal Of Analytical Methods In Chemistry*, *2016*.

Zhang, X., Zou, Q., Zhao, B., Zhang, J., Zhao, W., Li, Y., Liu, R., Liu, X., & Liu, Z. (2020). Effects Of Alternate-Day Fasting, Time-Restricted Fasting And Intermittent Energy Restriction Dss-Induced On Colitis And Behavioral Disorders. *Redox Biology*, *32*, 101535.

Zhou, Z., Wan, C., & Xu, H. (2021). "The Antioxidant Activity of Catalase in Diabetes Mellitus: Role and Regulation." *Frontiers in Endocrinology*, 12: 722634.