

DAFTAR PUSTAKA

- [APCC] *Asian and Pacific Coconut Community*. (2009). APCC Quality Standard for Virgin Coconut Oil. Jakarta, Indonesia. Hal 1.
- Adeyemi, WJ. Olayaki, LA. Abdussalam, TA. Toriola, AP. Olowu, AB. Yakub AJ, Raji AO. (2020). Investigation of the effects of dietary modification in experimental obesity: low dose of virgin coconut oil has a potent therapeutic value. *Biomedicine & Pharmacotherapy*. Vol. 126.
- Amin, M. Silalahi, J. Harahap, U. Satria, D. (2020). Anti-Inflammation Activity of Virgin Coconut Oil In-Vitro Against Raw Cells 264.7. *Asian Journal of Pharmaceutical Research and Development*. Vol.8, No.1, pp 55-58.
- Animal care and use commite. (2016). Rat Housing Guidline. University California, Barkeley. <https://acuc.barkeley.edu>. Diakses pada 15 Desember 2021.
- Araújo de Vasconcelos, MH. Tavares, RL. Junior, EU. Dorand, VA. Batista, KS. Toscano, LT. (2022). Extra virgin coconut oil (*Cocos nucifera* L.) exerts anti-obesity effect by modulating adiposity and improves hepatic lipid metabolism, leptin and insulin resistance in diet-induced obese rats. *Journal of Functional Food*. Vol. 94. No. 105122.
- Arunima, S. Rajamohan, T. (2014). Influence of Virgin Coconut Oil-Enriched Diet on the Transcriptional Regulation of Fatty Acid Synthesis and Oxidation in Rats – A Comparative Study. *Br J Nutr*. Vol. 111, no. 10, pp. 1782-1790.
- Bala, R. Singh, V. Rajender, Singh, K. (2020). Environment, Lifestyle, and Female Infertility. *Reproduktif Siees*. <https://doi.org/10.1007/s43032-020-00279-3>.
- Bhardwaj, P. Au, CC. Benito-Martin, A. *et al.* (2019). Estrogens and breast cancer: mechanisms involved in obesity-related development, growth and progression. *Steroid Biochem Mol Biol*. Vol. 189, pp.161–170.
- Bharathi, V. Rengarajan, Anand. (2018). Effect of a Medical Plant *Macrotyloma uniflorum* (Lam.) Verdc, formulation (MUF) on Obesity-Associated Oxidative Stress-Induced Liver Injury. *Saudi Journal of Biological Sciences*. Vol. 25, pp 1115-1121.
- Bintang, M. (2010). *Biokimia Teknik Penelitian*. Jakarta: Erlangga, p 21.
- BKKBN. (2018). *Laporan tahunan KB Pasca Persalinan Provinsi Sumatera Barat tahun 2017*. Padang: BKKBN Sumatera Barat.

- Botham, KM. & Mayes PA. (2009). *Cholesterol Synthesis, Transport, and Excretion. Harper's Illustrated Biochemistry*. 28 th edition. New York: Mc Graw's Hill. pp. 224-232.
- Bothamley Judy, Mauren Boyle. (2012). *Patofisiologi dalam Kebidanan*. Jakarta: EGC
- Bowers LW, Brenner AJ, Hursting SD, *et al.* (2015). Obesity associated systemic interleukin-6 promotes pre-adipocyte aromatase expression via increased breast cancer cell prostaglandin E2 production. *Breast Cancer Res Treat*. Vol. 149, pp. 49–57.
- Bremer AA, Miller WL. (2014). Regulation of Steroidogenesis. *Cellular Endocrinology in Health and Disease*, Elsevier. Pp 207-227. Diakses pada 3 Maret 2021. <http://dx.doi.org/10.1016/B978-0-12-408134-5.00013-5>
- Brooke, V. Rossi, M. Mary, A. Stacey, A. Missmer. (2014). Modifiable Risk Factors and Infertility: What are the Connections?. *American Journal of Lifesyle Medicine*. Vol. 10, No. 4.
- Broughton, DE. Jungheim, ES. (2016). A focused look at obesity and the preimplantation trophoblast. *Semin Reprod Med*. Vol. 34, pp.5–10.
- Brown, KA. Hunger, NI. Docanto, M. *et al.* (2010). Metformin inhibits aromatase expression in human breast adipose stromal cells via stimulation of AMP-activated protein kinase. *Breast Cancer Res Treat*. Vol. 123, pp. 591–596.
- Brunton, L. Lazo, J. Parker, K. (2005). *Goodman & Gimán's The Pharmacological Basis Therapeutics*. New York: McGraw Hill.
- Chen, D. Zhao, H. Coon, JS. Ono, M. Pearson, EK. Bulun, SE. (2012). Weight gain increases human aromatase expression in mammary gland. *Mol. Cell. Endocrinol*. Vol. 355, pp. 114–120.
- Chen, X. Kim, D. Moon, H. Chu, M. Lee, K. (2022). Coconut Oil Alleviates the Oxidative Stress-Mediated Inflammatory Response via Regulating the MAPK Pathway in Particulate Matter-Stimulated Alveolar Macrophages. *Molecules*. Vol. 27, No. 2989.
- Choe, S. Huh, J. Hwang, I. Kim, JI. Kim, JB. 2016. Adipose Tissue Remodeling: Its Role in Energy Metabolism and Metabolic Disorde. *Frontiers in Endocrinology*. Vol. 7, No. 30.
- Chua, LS. Alitabarimansor, M. Lee, CT. Ma,t R. (2012) Hydrolysis of virgin coconut oil using immobilized lipase in a batch reactor. *Enzyme Res*.
- Cunningham, F. G. (2018). *Williams Obstetrics*. Ed. 25. United States: Mc Graw Hill Education Medical.

- Dahik, V. Frisdal, E. Goff, W. 2020. Rewiring of Lipid Metabolism in Adipose Tissue Macrophages in Obesity: Impact on Insulin Resistance and Type 2 Diabetes. *Internasional Journal of Molecular Sciences*. Vol. 21, No.5505.
- Dayrit, FM. (2014). The properties of Lauric Acid and Their Significance in Coconut Oil. *J am oil Chem Soc*
- DebMandal, M. Mandal, S. (2011). Coconut (*Cocos nucifera* L.: arecaceae): in health promotion and disease prevention. *Asian Pacific Journal of Tropical Medicine*. Vol. 4, pp. 241–247.
- Dias, M. Reis, S. Conceicao, L, Sedyama, C. Pereira, s. Oliveira, L. *et al.* (2021). Diet- induced obesity in animal models: points to consider and influence on metabolic markers. *Diabetology & Metabolic Syndrome*. Vol. 12, No.32, pp1-14.
- Famurewa, A. Ejezie, A. Ugwu-Ejezie, C. Ikekpeazu, E. Ejezie, F. (2018). Antioxidant and Anti-inflammatory Mechanisms of Polyphenols Isolated from Virgin Coconut Oil Attenuate Cadmium-induced Oxidative Stress-Mediated Nephrotoxicity and Inflammation in Rats. *Journal of Applied Biomedicine*.
- Global Burden of Disease Study, Global Burden of Disease Study 2015. (2017). *Obesity and Overweight Prevalence 1980-2015*. United States: Institute for Health Metrics and Evaluation (IHME), Seattle
- Harsa, IMS. (2014). Efek Pemberian Diet Tinggi Lemak Terhadap Profil Lemak Darah Tikus Putih. *Jurnal Ilmiah kedokteran*, Vol.3 No.1.
- Hariri, N. Thibault, L. (2010). High Fat Diet Induced Obesity in Animal Models. *Nutrition Research Reviews*. Vol. 23, pp 270-299.
- Hermanto, S. Muawanah, A. Harahap, R. (2008). Profil dan Karakteristik Lemak Hewani (Ayam, Sapi, dan Babi) Hasil Analisis FTIR dan GCMS. *Jurnal Kimia Valensi*.
- Hidayat (2013). *Metode Penelitian Keperawatan dan Tehnik Analisa Data*. Jakarta : Salemba Medika.
- Higa, TS., Spinola AV. Fonseca-Alaniz, MH., Evangelista FS. Comparison between cafeteria and high-fat diets in the induction of metabolic dysfunction in mice. *Int J Physiol Pathophysiol Pharmacol*. No. 6, pp. 47–54
- HIFERI, PERFITRI, IAUI, POGI. (2013). Konsensus Penanganan Infertilitas. http://www.labcito.co.id/wpcontent/upload/2015/ref/ref/Konsensus_Infertlitas_Revisi_91.pdf – Diakses Februari 2021.

- Huang, L. Gao, L. Chen, C. (2021). Role of Medium-Chain Fatty Acid in Healthy Metabolism: A Clinical Perspective. *Trends in Endocrinology & Metabolism*. Vol. 32, No. 6. Pp. 351-366.
- Intahphuak, P. Khonsung & A. Panthong (2010) Anti-inflammatory, analgesic, and antipyretic activities of virgin coconut oil, *Pharmaceutical Biology*, 48:2, 151-157. DOI: 10.3109/13880200903062614.
- Ipsen, DH. Tvaeden-Nyborg, Pernille, Lykkesfeldt, J. (2016). Dyslipidemia: Obese or Not Obese—That Is Not the Question. *Cus Obes Rep*. Springer.
- Iyengar, NM. Zhou, XK. Mendieta, H. El-Hely, O. Giri, DD. Winston, L. *et al.* (2021). Effects of obesity on breast aromatase expression and systemic metabo-inflammation in women with BRCA1 or BRCA2 mutations. *Nature Partner Journals Breast Cancer*. Vol. 7, No. 18. DOI: 10.1038/s41523-021-00226-8.
- Jaarin, K. Norliana, M. Kamisah, Y. Nursyafiza, M. Qosriyah, M. S. (2014). Potential Role of Virgin Coconut Oil in Reducing Cardiovascular Risk Factors. *Exp Clin Cardiol*. Vol 2, No. 8, pp. 3399-3410.
- Jasda A, Wnarto, Kristina TR. (2014). Pemberian Virgin Coconut Oil untuk Meningkatkan Jumlah dan Motilitas Spermatozoa: Studi pada Tikus Wistar dengn Diet Tinggi Lemak.. Vol 37, no. 2, pp. 161-167
- Kemenkes. (2014). *Riset Kesehatan Dasar 2013*. Diakses pada 19 September 2016, dari <http://www.depkes.go.id/resources/download/general/Hasil/Riskesdas/2013.pdf>.
- Kemenkes. (2019). *Riset Kesehatan Dasar 2018*. Diakses pada 19 September 2016, dari <http://www.depkes.go.id/resources/download/general/Hasil/Riskesdas/2018.pdf>
- Kershaw EE and Flier JS. (2004). Adipose Tissue as an Endocrine Organ. *The Journal of Endocrinology Metabolism*. Vol. 89, No. 6, pp. 2548-2656.
- Klop, B. Elite, J. Cabezas. 2013. Dyslipidemia in Obesity: Mechanism and Potential Targets. *Journal Nutrien*. No.5, pp. 1218-1240.
- Krisanits, B. Randise, J. Burton, C, Findlay, V. Turner, B. (2020). Pubertas Mammary Development as a Susceptibility Window for Breast Cancer Disparity. *Advances in Cncer Researh*. Vol. 146, pp 57-82. <https://doi.org/10.1016/bs.acr.2020.01.004>.
- Liau, K. Lee, Y. Chen, C. Rasool, A. (2011). An Open Label Pilot Study to Assess the Efficacy and Safety VCO in Reducing Visceral Adiposity. *International Scholarly Research Network*

- Lima, RS dan Block, JM. (2019). Coconut oil: what do we really know about it so far? Review. *Food Quality and Safety* Vol. 3, pp. 61–72.
- Lin, Q. Poon, SL. Chen, J. Cheng, L. HoYuen, B. Leung, PC. (2009). Leptin interferes with 3',5'-cyclic adenosine monophosphate (cAMP) signaling to inhibit steroidogenesis in human granulosa cells. *Reprod Biol Endocrinol.* Vol. 7, p. 115.
- Lundblad, RL dan Macdonald, FM. (2018). *Biochemistry and Molecular Biology.* US: CRC press, Taylor & Francis Group
- Mamuaja, Christine. (2017). *Lipida.* Manado: Unsrat Press.
- Mair, KM. Gaw, R. Maclean, MRI (2020). Obesity, Esterogens and Adipose Tissue Dysfunction-Implications for Pulmonary Arterial Hypertension. *Pulmonary Circulation.* Vol. 10, no. 3, pp. 1-21.
- Maric, I. Krieger, J. Van der Valen, P. Borchers, S. Asker, M. Vujicic, I. *et al*, (2022). Sex and Species Differences in the Development of Diet-Induced Obesity and Metabolic Disturbances in Rodents. *Frontiers in Nutrition.* Vol. 9, No. 828522. DOI: 10.3389/fnut.2022.828522.
- Marie, G. Fleming, T. Robinson, M. Thomson, B. Graetz, N. Margono, C. *et al*. (2014). Global, Regional and National Prevalence of Overweight and Obesity in Children and Adults During 1980-2013. *The Lancet Journal.* Vol. 384, no. 9945, pp. 766-781.
- Marques, C. Meireles, M. Norberto, S. Leite, J. Freitas, J. Pestana, D. *et al*. (2016). High-fat Diet-Induce Obesity Rat Model: a Comparison Between Wistar and Sprague-Dawley Rat. *Adipocyte.* No.1, Vol. 5, pp 11-21.
- Masoumi SZ, Poorolajal J dan Keramat A. (2013). Prevalence of Depression among Infertile Couples in Iran: A Meta- Analysis Study. Vol. 42, No. 5, pp. 458-466.
- Miranda J, Eseberri I, Lasa A, Portillo MP. (2018). Lipid metabolism in adipose tissue and liver from diet-induced obese rats: a comparison between Wistar and Sprague-Dawley strains. *J Physiol Biochem.* [https:// doi. org/ 10.1007/ s13105- 018- 0654-9.](https://doi.org/10.1007/s13105-018-0654-9)
- Murray, RK. Granner, DK. Rodwell, VW. (2009). *Harper's Illustrated Biochemistry. 27th ed.* The McGraw-Hill Companies. p 121-130.
- Nagao, K. dan Yanagita, T. (2010). Medium-Chain Fatty Acids: Functional Lipids for the Prevention and Treatment of the Metabolic Syndrome. *Pharmacological Research.* Vol. 61, pp. 208-212.

- Nazwita, DP. (2018). Pengaruh Pemberian Omega 3 terhadap Kadar Hormon Testosteron Serum dan Kualitas Spermatozoa Rattus Novergicus Galur Wistar Albino Obesitas. Tesis. Universitas Andalas. Padang. Pp 54-63
- Nelson, DL. and Cox, M.M. (2012), *Lehninger Principles of Biochemistry, 6th Edition*. Susan Winslow, United State of America. pp. 343-368.
- Novelli, E. Diniz, Y. Galhardi, C. Ebaid, G. Rodrigues, H. Mani, F. *et al.* (2007). Anthopometrical Parameters and Markers of Obesity in Rats. *Laboratory Animal*. Vol. 41, pp 111-119.
- Notoatmojo. (2010). Metodologi Penelitian Kesehatan. Jakarta: Rineka Cipta
- Nteeba, J. Ganesan, S. Keating, AF. (2014). Progressive Obesity Alters Ovarian Folliculogenesis with Impact on Pro-Inflammatory and Steroidogenic Signaling in Female Mice. *Biology of Reproduction*, Vol. 91, No. 4, p p 1-11.
- Okada-Iwabu, M. Iwabu, M. Ueki, K. Yamauchi, T. Kadowaki, T. (2015). Perspective of Small-Molecule AdipoR Agonist for Type 2 Diabetes and Short Life in Obesity. *Diabetes Metab J*. Vol. 39, no. 5, pp.363-372
- Oktomalioputri, B. Darwin, E. Decroli, E. (2016). Pengaruh Lama Pemberian Diet Tinggi Kolesterol terhadap Kadar LDL dan TGF-B Serum Tikus Putih (*Rattus novergicus*) strain Wistar. *Jurnal Kesehatan Andalas*. Vol.5 No.1
- Polari, L. Yatkin, E. Chacon, MG. Athotupa, M. Smeds, A. Strauss, L. *et al.* (2015). Weight gain and inflammation regulate aromatase expression in male adipose tissue, as evidenced by reporter gene activity. *Molecular and Celullar Endocrinology*. Vol. 412, pp. 123-130.
- Panth, N. Gavarkovs, A. Tamez, M. Mettei, J. (2018) The Influence of Diet on Fertility and the Impocations for Public Health Nutrition in the United States. *Frontiers in Public Health*. Vol.6, pp. 211.
- Papamandjaris, A. MacDougall, D. Jones, P. (1998). Medium Chain Fatty Acid Metabolism and Energy Expenditure: Obesity Treatment Implications. *Medium Chain Fats and Energy Metabolism*. Vol. 62, No. 14, pp 1203-1215
- Polat, ES. Cital, OB. Garip, M. (2013). Fatty Acid Composition of Yolk of Nine Poultry Species Kept in their Natural Environment. *Animal Science Papers and Reports*. Vol. 31, No. 4. Pp 363-368.
- Ponziani, FR. Pecere, S. Gasbarrini, A. OJetti, V. (2015). Physiology and Pathiphysiology of Liver Lipid Metabolism. Expert Review. *Gastrointestinal Hepatol*. pp1-13.

- Purohit, A. Tutill, HJ. Day, JM. Chander, SK. Lawrence, HR. Allan, GM. *et al.* (2006). The regulation and inhibition of 17beta-hydroxysteroid dehydrogenase in breast cancer. *Molecular and Cell Endocrinology*. Vol. 248, No.1-2. Pp 199-203. DOI: 10.1016/j.mce.2005.12.003
- Research Diets. DIO Series Diets. (2020). <https://researchdiets.com/opensource-diets/dio-series-diets>. Diakses pada 26 Juli 2021.
- Rosini, T. Silva, A. Moraes, C. (2012). Diet-induced Obesity: Rodent model for the study of obesity-related disorders. *Rev Assoc Med Bras*. Vol. 58, No. 3, pp 383-387.
- Rudnicki, M. Abdifarkosh, G. Rezvan, O. Nwadozi, E. Roudier, E. Haas, TL. (2018). Female Mice Have Higher Angiogenesis in Perigonadal Adipose Tissue Than Males in Response to High-Fat Diet. *Frontiers in Physiology*. Vol. 9, No. 1452. DOI: 10.3389/fphys.2018.01452.
- Saez-Lopez, C. Rivera-Gimenez, M. Hernandez, C. Simo, R. Selva, D. (2015). SHBG-C57BL/ksj-db/db: A New Mouse Model to Study SHBG Expression and Regulation During Obesity Development. *Endocrinology*. Vol. 156, No. 12, pp. 4571-4581.
- Samarajeewa, NU. Docanto, MM. Simpson, ER *et al.* (2013). CREB regulated transcription co-activator family stimulates promoter II-driven aromatase expression in preadipocytes. *Horm Cancer*. Vol. 4, pp. 233–241.
- Schonfeld, P. Wojtczak, L. Short and medium chain fatty acids in energy metabolism: the cellular perspective. *Journal of Lipid Research*. Vol. 57. Pp 943-956. DOI 10.1194/jlr.R067629.
- Silvestris, E. Lovero, D. Palmirotta, R. (2019). Nutrition and Female Fertility: An Interdependent Correlation. *Frontiers in Endocrinology*, Vol.10, p. 346.
- Silvestris, E. Pergola, G. Rosania, R. Lovero, D. (2018). Obesity as Disruptor of the Female Fertility. *Reproductive Biology and Endocrinology*. Vol. 16, p. 22.
- Songkro, S. Sirikatitham, A. Sungkarak, S., Buaking, K. Wungsintaweekul, J. Maneenuan, D *et al.* (2010). Characterization of aromatherapy massage oils prepared from virgin coconut oil and some essential oils. *J. Amer. Oil Chem. Soc.* Vol. 87, pp. 93–107.
- Statista. (2018). Coconut production worldwide from 2000 to 2016 (in million metric tons). <https://www.statista.com/statistics/577497/worldcoconut-production>. Diakses pada 29 Mei 2021.
- Subbaramaiah, K. Morris, PG. Zhou, XK. Morrow, M. Du, B. Giri, D. *et al.*, (2012). Increased levels of COX-2 and prostaglandin E2 contribute to

elevated aromatase expression in inflamed breast tissue of obese women. *Cancer Discov.* Vol. 2, pp. 356–365

- Sun, H. Gong, T. Jiang, Y. Zhang, S. Zhao, Y. Wu, Q. (2019). Global, regional, and national prevalence and disability-adjusted life-years for infertility in 195 countries and territories, 1990–2017: results from a global burden of disease study, 2017. *Aging*. Vol. 11, No. 23, pp.10952-10991.
- Takeuchi, H. Sekine, S. Kojima, K. Aoyama, T. (2008). The Application of Medium-Chain Fatty Acids: Edible Oil with a Suppressing Effect on Body Fat Accumulation. *Asia Pacific Journal of Clinical Nutrition*. Vol. 17, pp. 320-323.
- Talmor A dan Dunphy B. (2014). Female Obesiy and Infertility. *Best Practice & Research Clinical Obstetrics and Gynaecology*. pp 1-9.
- Tateya, S. Kim, F. Tamori, Y. (2013). Recent advances in obesity-induced inflammation and insulin resistance. *Frontiers in endocrinology*. Vol. 4, No.93.
- Tsuji, H. Kasai, H. Takeuchi, M. Nakamura, M. Okazaki, K. Kondo. (2011). Dietary medium chain triacylglycerols suppress accumulation of body fat in a double-blind, controlled trial in healthy men and women. *J. Nutr.* Vol. 131, pp. 2853–2859.
- Utami, L. Leliqia, N. Swastini, D. (2014). Pengaruh pemberian ekstrak etanol kulit kacang tanah terhadap profil lipid tikus Sprague Dawley yang diberi Diet Tinggi Lemak. *Jurnal Farmasi Udayana*.
- Vaanholt, LM. Sinclair, RE. Mitchell, JR. Speakman. (2015). Factors Influencing Individual Variability In High Fat Diet-Induced Weight Gain in Out-bred MF1 Mice. *Physiology & Behavior*. No. 144. Pp 146-155
- Venty, Augus. Aman, IGM. Pangkahila, W. (2016). Efek Pemberian *Virgin Coconut Oil (Cocos nucifera)* Terhadap Dislipidemia pada Tikus Putih (*Rattus norvegicus*) Jantan Galur Wistar yang Diberi Diet Tinggi Kolesterol. *Warmadewa Medical Journal*. Vol. 1, No.2, pp. 58-65.
- Vysakh, A. Ratheesh, M. Rajamohan, T. Pramod, C. Premlal, S. Kumar, B. *et al.* (2014) Polyphenolics isolated from Virgin Coconut Oil Inhibits Adjuvant Induced Arthritis in Rats through Antioxidant and Anti-inflammatory Action. *International Immunopharmacology*. No. 20. Pp 124-130. <http://dx.doi.org/10.1016/j.intimp.2014.02.026>
- Wagner, IV. Sahlin, L. Julita, S. Kloting, N. Svechnikov, K. Soder, O. (2018). Adiposa Tissue is a Potensial Source of Hyperandrogenism in Obese Female Rats. *Obesity Biology and Integrated Physiology*. Vol 26, No.7.

- Wang, F. Vihma, V, Soronen, J. Turpeinen, U. Hamalainen, E. Savolainen-Paltonen. *Et al.* (2013). 17-Estradiol and Estradiol Fatty Acyl Esters and Estrogen-Converting Enzyme Expression in Adipose Tissue in Obese Men and Women. *J Clin Endocrinol Metab.* Vol. 98, No. 12, pp. 4923-4931.
- Wang, X. Docanto, MM. Sasano, H *et al.* Prostaglandin E2 inhibits p53 in human breast adipose stromal cells: a novel mechanism for the regulation of aromatase in obesity and breast cancer. *Cancer Res.* Vol. 75, p. 645–655.
- Walker, M. Tobler, K. (2021). Female Infertility. StatPearls [Internet] https://www.ncbi.nlm.nih.gov/books/NBK556033/#_NBK556033_pubdet . Diakses pada 15 Desember 2021.
- WHO. (2020). *Infertility*. Diakses pada 24 Februari 2021 pukul 12.00. <https://www.who.int/news-room/fact-sheets/detail/infertility>.
- Yang *et al.* (2017). Study of the effect of nesfatin-1 on gastric function in obese rats. *World Journal Gastroenterol.* Vol. 23, No. 16, Pp. 2940-2947
- Zeng, Z. Xu, Y & Zhang, B. (2016). *Antidiabetic Activity of A Lotus Leaf Selenium (Se)-Polysaccharide in Rats with Gestasional Diabetes Mellitus.* *Biol Trace Elem Res.* DOI. 10.1007/s12011-016-0829-6.
- Zhang, L. Morgan, D, Clapham, J. Speakman, J. (2012). Factors Predicting Mongenetic Variability in Body Weight Gain Induced by a High-Fat Diet in Inbred C57BL/6J Mice. *Integrative Physiology.* No. 20, pp. 1179-1188.
- Zicker, M. Silveria, A. Lacerda, D. Rodrigues, D. Oliveira, C. Cordeiro, L. *et al.* (2018). Virgin Coconut Oil is Effective to Treat Metabolic and Inflammatory Dysfunction Induced by High Refined Carbohydrate-Containing Diet in Mice. *The Journal of Nutritional Biochemistry.*
- Zuknik, MH. Nik, NA. Wan ND. Nur, RA. Omar, AK. (2016). Solubility of virgin coconut oil in supercritical carbon dioxide. (*J. Food Eng.*) Vol. 168, pp. 240–244