

DAFTAR PUSTAKA

- Alabi, Q.K., & Akomolafe, R.O. 2022. Novel sedentary cage induced sedentariness in rats: evidence from relevance biomarkers. *BMC Endocrine Disorders*. 2022 (293): 293-305. doi.org/10.1186/s12902-022-01221-1
- Allison, D.B., Gadbury, G., Schwartz, L.G., Murugesan, R., Kraker, J.L., Heshka, S., & Heymsfield, S.B. 2003. A novel soy-based meal replacement formula for weight loss among obese individuals: a randomized controlled clinical trial. *European Journal of Clinical Nutrition*. 57(4): 514–22. DOI:10.1038/sj.ejcn.1601587
- Antonio, J., Ellerbroek, A., Silver, T., Orris, S., Scheiner, M., Gonzalez, A., & Peacock, C.A. 2015. A high protein diet (3.4 g/kg/d) combined with a heavy resistance training program improves body composition in healthy trained men and women - a follow-up investigation. *Journal of the International Society of Sports Nutrition*. 12(1): 1–9. DOI: 10.1186/s12970-015-0100-0
- Antonio, J., Ellerbroek, A., Silver, T., Vargas, L., & Peacock, C.A. 2016. The effects of a high protein diet on indices of health and body composition - a crossover trial in resistance-trained men. *Journal of the International Society of Sports Nutrition*. 13(3): 1-7. DOI: 10.1186/s12970-016-0114-2
- Aparicio, V.A., Nebot, E., Moral, R.G., Machado-Vílchez, M., Porres, J.M., Sánchez, C., & Aranda, P. 2013. High-protein diets and renal status in rats. *Nutr. Hosp.* 28(1): 232-7. ISSN 0212-1611
- Arsyad, A., Idris, I., Rasyid, A.A., Usman, R.A., Faradillah, K.R., Latif, W.O.U., Lubis, Z.I., Aminuddin, A., Yustisia, I., & Djabir, Y.Y. Long-Term Ketogenic Diet Induces Metabolic Acidosis, Anemia, and Oxidative Stress in Healthy Wistar Rats. *Journal of Nutrition and Metabolism*. 2020(6): 1-7. DOI: 10.1155/2020/3642035
- Azzout-Marniche, D., Gaudichon, C., Blouet, C., Bos, C., Mathé, V., Huneau, J., & Tomé, D. 2007. Liver glycogenesis: a pathway to cope with postprandial amino acid excess in high-protein fed rats?. *Am. J. Physiol. Regul. Integr. Comp. Physiol.* 2007 (292): 1400-7.
- Chen, X., Wei, G., Jalili, T., Metos, J., Giri, A., Cho, M.E., Boucher, R., Greene, T., & Beddhu, S. 2016. The associations of plant protein intake with all-cause mortality in CKD. *American Journal of Kidney Diseases*. 67(3): 423-30. DOI: 10.1053/j.ajkd.2015.10.018.
- Chen, Y., Michalat, M., & Agellon, L.B. 2018. Importance of Nutrient and Nutrient Metabolism on Human Health. *Yale Journal of Biology and Medicine*. (2018) 95-103.

- Chiara, F.D., Checcllo, C.U., & Azcón, J.R. 2019. High Protein Diet and Metabolic Plasticity in Non-Alcoholic Fatty Liver Disease: Myths and Truths. *Nutrients*. 2019 (11): 2985-3008.
- Díaz-Rúa, R., Keijer, J., Palou, A., van Schothorst, E.M., & Oliver, P. 2017. Long-term intake of a high-protein diet increases liver triacylglycerol deposition pathways and hepatic signs of injury in rats. *Journal of Nutritional Biochemistry*. 46 (2017): 36-48.
- Djabir, Y.Y., Arsyad, M.A., Sartini, S., & Lallo, S. 2017. Potential Roles of *Kleinhovia hospita* L. Leaf Extract in Reducing Doxorubicin Acute Hepatic, Cardiac and Renal Toxicities in Rats. *Phcog. Res.* 2017(9): 168-73.
- Eniawati, Musyabiq, S., Karima, N., and Graharti, R. 2019. Hubungan Asupan Protein Nabati dengan Kadar Hemoglobin pada Wanita Usia Remaja Vegan. *Medula*. 9(1): 233-6.
- Fromentin, C., Tomé, D., Nau, F., Flet, L., Luengo, C., Azzout-Marniche, D., Sanders, P., Fromentin, G., & Gaudichon, C. 2013. Dietary Proteins Contribute Little to Glucose Production, Even Under Optimal Gluconeogenic Conditions in Healthy Humans. *Diabetes*. 2013(62): 1435-42.
- Guan, X., Zhong, X., Lu, Y., Du, X., Jia, R., Li, H., & Zhang, M. 2021. Changes of Soybean Protein during Tofu Processing. *Foods*. 10(7): 1594-609.
- Hall, J.E. 2016. *Guyton and Hall Textbook of Medical Physiology 13th edition*. Elsevier. Philadelphia, pp. 881-3.
- Harrington, M., Gibson, S., and Cottrell, R.C. 2009. A review and meta-analysis of the effect of weight loss on all-cause mortality risk. *Nutr. Res. Rev.* 22(1): 93-108.
- Hidayat, M., Kurnia, D., Sujatno, M., Sutadipura, N., & Setiawan. 2010. Perbandingan Kandungan Makronutrisi dan Isoflavon dari Kedelai Detam 1 dan Wilis Serta Potensinya dalam Menurunkan Berat Badan. *Bionatura*. 12(1): 5-13. ISSN: 1411-0903
- ITIS. 2021. <https://www.itis.gov/>. Diakses pada 30 Maret 2022.
- Jhee, J.H., Kee, Y.K., Park, S., Kim, H., Park, J.T., Han, S.H., Kang, S.W., & Yoo, T.H. 2020. High-protein diet with renal hyperfiltration is associated with rapid decline rate of renal function: a communitybased prospective cohort study. *Nephrol. Dial. Transplant.* (2020) 35: 98-106. DOI: 10.1093/ndt/gfz115

- Juraschek, S.P., Appel, L.J., Anderson, C.A.M., & Miller, E. 2012. Effect of a high protein diet on kidney function in healthy adults: Results from the omniheart trial. *American Journal of Kidney Diseases*. 61(4): 547-54.
- Kemenkes RI. 2016. *Pedoman Gizi Seimbang*. Kementrian Kesehatan RI. Jakarta, pp.96-97.
<https://drive.google.com/file/d/0ByNVq5MFhBMEd0Q3X3hiV3kzMFk/view?resourcekey=0-0zP8BC3J8oJW0nKOwn8LyQ>
- Ko, G.J., Obi, Y., Tortorici, A.R., & Kalantar-Zadeh, K. 2017. Dietary protein intake and chronic kidney disease. *Curr. Opin. Clin. Nutr. Metab. Care*. 20(1): 77-85. DOI: 10.1097/MCO.0000000000000342.
- Kunsah, B. 2017. Analisa Kadar Protein pada Teripang (*Holothuria argus*) Terhadap Lama Perebusan. *Journal of Muhammadiyah Medical Laboratory Technology*. 1(2): 2597-3681.
- Logan, C. A. 2019. Commercial Rodents in America: Standard Animals, Model Animals, and Biological Diversity. *Brain Behav. Evol.* 2019 (93): 70–81. DOI: 10.1159/000500073.
- Marieb, E.N., & Hoehn, K. 2016. *Human Anatomy & Physiology Tenth Edition*. Pearson. London, pp. 902-4.
- Masrika, N.U.E., Arsyad, A., Yustisia, I., & Djabir, Y.Y. 2021. Efek Diet Tinggi Protein, Rendah Karbohidrat, Rendah Lemak terhadap Perubahan Berat Badan, Kadar Glukosa dan Kolesterol. *Jumantik*. 6(1): 33-7.
- Masood, W., Annamaraju, P., & Uppaluri, K.R. 2021. Ketogenic Diet. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK499830/>
- Mescher, A.L. 2018. *Junqueira's Basic Histology Fifteenth Edition*. McGrawHill. New York, pp. 335-42.
- Monteiro, M.E.L., Xavier, A.R., Oliveira, F.L., Filho, P.J.S., & Azeredo, V.B. 2016 Apoptosis Induced by a low-carbohydrate and high-protein diet in rat livers. *World J. Gastroenterol*. 22(22): 5165-72. DOI: 10.3748/wjg.v22.i22.5165
- Morifuji, M., Sakai, K., Sanbongi, C., & Sugiura, K. 2005. Dietary whey protein increases liver and skeletal muscle glycogen levels in exercise-trained rats. *British Journal of Nutrition*. 2005 (93): 439-45.
- Nilsson, L.M., Winkvist, A., Eliasson, M., Jansson, J-H., Hallmans, G., Johansson, I., Lindahl, B., Lenner, P., & Guelpen, B.V. 2012. Low-carbohydrate, high-protein score and mortality in a northern Swedish population-based cohort. *European Journal of Clinical Nutrition*. 2012 (66): 694-700. DOI: 10.1038/ejcn.2012.9

- Oh, R., & Uppaluri, K.R. 2019. Low Carbohydrate Diet. *StatPearls*.
<https://www.ncbi.nlm.nih.gov/books/NBK537084/>
- Pal, M., Devrani, M., & Ayele, Y. 2019. Tofu: A Popular Food with High Nutritional and Health Benefits. *Food & Beverages Processing*.
https://www.researchgate.net/publication/332343856_Tofu_A_Popular_Food_with_High_Nutritional_and_Health_Benefits
- Pesta, D.H., & Samuel, V.T. 2014. A high-protein diet for reducing body fat: Mechanisms and possible caveats. *Nutrition and Metabolism*. 11(1): 1–8. DOI: 10.1186/1743-7075-11-53.
- Restuti, A.N.S., Yulianti, A., & Nuraini, N. 2018. Intervensi Bubuk Kakao terhadap Perubahan Kadar Gula Darah Puasa Tikus *Sprague Dawley* Diabetes Melitus. *Jurnal Riset Kesehatan*. 7(2): 57-60.
- Rhee, C.M., Ahmad, S-F., Kovesdy, C.P., & Kalantar-Zadeh, K. 2017. Low-protein diet for conservative management of chronic kidney disease: a systematic review and meta-analysis of controlled trials. *Journal of Cachexia, Sarcopenia and Muscle*. 2018 (9): 235–245. DOI: 10.1002/jcsm.12264
- Rodwell, V.R., Bender, D.A., Botham, K.M., Kenelly, P.J., & Weil, P.A. 2015. *Harper's Illustrated Biochemistry 30th Edition*. McGraw Hill Education. New York, pp. 149-51, 206.
- Rohyani, I.S., Aryanti, E., and Suropto. 2015. Potensi Nilai Gizi Tumbuhan Pangan Lokal Pulau Lombok Sebagai Basis Penguatan Ketahanan Pangan Nasional. *Jurnal Sains Teknologi & Lingkungan*. 1(1): 43-8.
- Schutz, Y. 2011. Protein turnover, ureagenesis and gluconeogenesis. *Int. J. Vitam. Nutr. Res.* 81(23): 101–7.
- Schwingshackl, L., & Hoffmann, G. 2014. Comparison of High vs Normal/Low Protein Diets on Renal Function in Subjects without Chronic Kidney Disease: A Systematic Review and Meta-Analysis. *PLOS ONE*. 9(5): e97656. doi.org/10.1371/journal.pone.0097656
- Shrestha, S., Jha, C.B., Das, B.K.L., & Yadav, P. 2018. Effects of Monosodium Glutamate on Liver Tissue of Wistar Albino Rats – A Histological And Biochemical Study. *International Journal of Therapeutic Applications*. 35: 68-73.
- Simon, E.J., Dickey, J.L., & Reece, J.B. 2013. *Campbell Essential Biology with Physiology Fourth Edition*. Pearson. Boston, pp. 46-48.

- Singer, W.M., Zhang, B., Mian, M.A.R., & Huang, H. 2019. Soybean Amino Acids in Health, Genetics, and Evaluation. *IntechOpen*. (2): 8-21. [dx.doi.org/10.5772/intechopen.89497](https://doi.org/10.5772/intechopen.89497)
- Soon, G.S.T., & Torbenson, M. 2023. The Liver and Glycogen: In Sickness and in Health. *Int. J. Mol. Sci.* 24(7): 6133-46.
- Speaker, K.J., Sayer, R.D., Peters, J.C., Foley, H.N., Pan, Z., Wyatt, H.R., Flock, M.R., Mukherjea, R., & Hill, J.O. 2018. Effects of consuming a high-protein diet with or without soy protein during weight loss and maintenance: a non-inferiority, randomized clinical efficacy trial. *Obesity Science & Practice*. 357-66. doi: 10.1002/osp4.278
- Strychar, I. 2006. Diet in the management of weight loss. *CMAJ*. 174(1): 56-63.
- Susanti, E. 2015. GAMBARAN HISTOPATOLOGI HATI TIKUS PUTIH (*RATTUS NORVEGICUS*) YANG DIBERI INSEKTISIDA GOLONGAN PIRETROID (SIPERMETRIN). *Skripsi*. Universitas Hassanudin. Makassar.
- Takahashi, Y., & Konishi, T. 2011. Tofu (Soybean Curd) Lowers Serum Lipid Levels and Modulates Hepatic Gene Expression Involved in Lipogenesis Primarily through Its Protein, Not Isoflavone, Component in Rats. *J. Agric. Food Chem.* 2011 (59): 8976-84. [dx.doi.org/10.1021/jf201403u](https://doi.org/10.1021/jf201403u)
- Tipton, K.D. 2011. Efficacy and consequences of very-high-protein diets for athletes and exercisers. *Proceedings of the Nutrition Society*. 70(2): 205–214. DOI: 10.1017/S0029665111000024.
- Tobias, D.K., Chen, M., Manson, J.E., Ludwig, D.S., Willett, W., & Hu, F.B. 2015. Effect of Low-Fat vs. Other Diet Interventions on Long-Term Weight Change in Adults: A Systematic Review and MetaAnalysis. *Lancet Diabetes Endocrinol.* 3(12): 968-79.
- Trumbo, P., Schlicker, S., Yates, A.A., & Poos, M. 2002. Dietary Reference Intakes for Energy, Carbohydrate, Fiber, Fat, Fatty Acids, Cholesterol, Protein, and Amino Acids. *Journal of American Dietetic Association*. 102(11): 1621-30.
- Ulusoy, E., & Eren, B. 2006. Histological Changes of Liver Glycogen Storage in Mice (*Mus musculus*) Caused by High-Protein Diets. *Histol. Histopathol.* 2006(21): 925-30.
- Ulusoy, E., & Eren, B. 2008. Histological Changes on Liver Glycogen Storage in Mice (*Mus musculus*) Caused by Unbalanced Diets. *Clinical Medicine: Pathology*. 2008(1): 69-75.

- Urry, L.A., Cain, M.L., Wasserman, S.A., Minorsky, P.V., & Reece, J.B. 2017. *Biology Eleventh Edition*. Pearson Education. New York, pp. 75-77, 897-899.
- USDA. 2019. *FoodData Central: Tofu 100 g*. U.S. Departement of Agriculture. <https://fdc.nal.usda.gov/fdc-app.html#/food-details/411177/nutrients> diakses pada 31 Maret 2022.
- Vasudevan, D.M., Sreekumari, S., and Vaidyanathan, K. 2013. *Textbook of Biochemistry for Medical Students*. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi, p.24.
- Velasquez, M.T., & Bhathena, S.J. 2007. Role of Dietary Soy Protein in Obesity. *Int. J. Med. Sci.* 4(2): 72-82.
- Xiong, Y., Lei, Q-Y., Zhao, S., & Guan, K-L. 2011. Regulation of Glycolysis and Gluconeogenesis by Acetylation of PKM and PEPCK. *Cold Spring Harb. Symp. Quant. Biol.* 2011 (76): 285–89. doi:10.1101/sqb.2011.76.010942
- Yakubu, N., Oboh, G., & Olalekan, A.A. 2013. Antioxidant and Hepatoprotective Properties of Tofu (*Curdle Soymilk*) against Acetaminophen-Induced Liver Damage in Rats. *Biotechnology Research International*. 2013: 1-7.
- Yusof, H.M., Ali, N.M., Yeap, S.K., Ho, W.Y., Beh, B.K., Koh, S.P., Long, K., Azis, S.A., & Alitheen, N.B. 2013. Hepatoprotective Effect of Fermented Soybean (Nutrient Enriched Soybean Tempeh) against Alcohol-Induced Liver Damage in Mice. *Evidence-Based Complementary & Alternative Medicine*. 2013: 1-8.