

DAFTAR PUSTAKA

- Allam, S., 2019. *The Effect Of Low Protein Diet On The Mrna Expressions Of Superoxide Dismutase-1 (SOD-1) And Catalase In Mice Kidney With Unilateral Ureteral Obstruction*. Undergraduate. Universitas Gadjah Mada.
- Anggraeny, O., Dianovita, C., Nurina Putri, E., Sastrina, M. and Setya Dewi, R., 2016. Korelasi Pemberian Diet Rendah Protein Terhadap Status Protein, Imunitas, Hemoglobin, dan Nafsu Makan Tikus Wistar Jantan (The Correlation of Low Protein Diet Administration on Status of Protein, Immunity, Hemoglobin, and Appetite of Male Wistar Rats *Rattus norvegicus*). *Indonesian Journal of Human Nutrition*, 3(2), pp.105-122.
- Arifianto, D., Adji, D., Sutrisno, B. and Rickyawan, N., 2020. Renal Histopathology, Blood Urea Nitrogen and Creatinine Levels of Rats With Unilateral Ureteral Obstruction. *Indonesian Journal of Veterinary Sciences*, 1(1), pp.1-9.
- Awazu, M., Abe, T., Hashiguchi, A. and Hida, M., 2019. Maternal undernutrition aggravates renal tubular necrosis and interstitial fibrosis after unilateral ureteral obstruction in male rat offspring. *PLOS ONE*, 14(9), p.e0221686.
- Bao, Y., Yuan, Y., Chen, J. and Lin, W., 2018. Kidney disease models: tools to identify mechanisms and potential therapeutic targets. *Zoological Research*, 39(2), pp.72-86.
- Barchitta, M., Maugeri, A., Favara, G., Magnano San Lio, R., Evola, G., Agodi, A. and Basile, G., 2019. Nutrition and wound healing: an overview focusing on the beneficial effects of curcumin. *International journal of molecular sciences*, 20(5), p.1119.
- Barendregt, K., Soeters, P., Allison, S. and Sobotka, L., 2008. Basics in clinical nutrition: Simple and stress starvation. *e-SPEN, the European e-Journal of Clinical Nutrition and Metabolism*, 3(6), pp.e267-e271.
- Benabe, J.E. and Martinez-Maldonado, M., 1998. The impact of malnutrition on kidney function. *Mineral and electrolyte metabolism*, 24(1), pp.20-26.

- Breyer, M.D. and Qi, Z., 2010. Better nephrology for mice—and man. *Kidney international*, 77(6), pp.487-489.
- Castro, B.B.A.D., Colugnati, F.A.B., Cenedeze, M.A., Suassuna, P.G.D.A. and Pinheiro, H.S., 2014. Standardization of renal function evaluation in Wistar rats (*Rattus norvegicus*) from the Federal University of Juiz de Fora's colony. *Brazilian Journal of Nephrology*, 36(2), pp.139-149.
- Chevalier, R., Forbes, M. and Thornhill, B., 2009. Ureteral obstruction as a model of renal interstitial fibrosis and obstructive nephropathy. *Kidney International*, 75(11), pp.1145-1152.
- Daenen, K., Andries, A., Mekahli, D., Van Schepdael, A., Jouret, F. and Bammens, B., 2018. Oxidative stress in chronic kidney disease. *Pediatric Nephrology*, 34(6), pp.975-991.
- Direktorat P2PTM. 2017. *Ginjal Kronis - Direktorat P2PTM*. [online] Available at: <<http://p2ptm.kemkes.go.id/kegiatan-p2ptm/subdit-penyakit-jantung-dan-pembuluh-darah/ginjal-kronis>> [Accessed 25 March 2020].
- França, T., Ishikawa, L., Zorzella-Pezavento, S., Chiuso-Minicucci, F., da Cunha, M. and Sartori, A., 2009. Impact of malnutrition on immunity and infection. *Journal of Venomous Animals and Toxins including Tropical Diseases*, 15(3), pp.374-390.
- Ganong, W., Barrett, K., Barman, S., Brooks, H. and Yuan, J., 2012. *Ganong's Review Of Medical Physiology*. 24th ed. New York: McGraw-Hill Education, pp.673-674.
- Gopal, G. and Premalatha, R., 2014. Effect of malnutrition on kidney size and incidence of urinary tract infection in malnourished children. *International Journal of Pharmaceutical and Biomedical Research*, 5(1), pp.29-35.
- Heng, A. and Cano, N., 2009. A general overview of malnutrition in normal kidney function and in chronic kidney disease. *Clinical Kidney Journal*, 3(2), pp.118-124.

- Hill, N., Fatoba, S., Oke, J., Hirst, J., O'Callaghan, C., Lasserson, D. and Hobbs, F., 2016. Global Prevalence of Chronic Kidney Disease – A Systematic Review and Meta-Analysis. *PLOS ONE*, 11(7), p.e0158765.
- Ighodaro, O. and Akinloye, O., 2018. First line defence antioxidants-superoxide dismutase (SOD), catalase (CAT) and glutathione peroxidase (GPX): Their fundamental role in the entire antioxidant defence grid. *Alexandria Journal of Medicine*, 54(4), pp.287-293.
- Kasper, D., Fauci, A., Hauser, S., Longo, D., Jameson, J. and Loscalzo, J., 2015. *Harrison's Principles Of Internal Medicine*. 19th ed. McGraw-Hill, pp.1811-1812.
- Kim, H.J. and Vaziri, N.D., 2010. Contribution of impaired Nrf2-Keap1 pathway to oxidative stress and inflammation in chronic renal failure. *American journal of physiology-renal physiology*, 298(3), pp.F662-F671.
- Kinter, M., Wolstenholme, J., Thornhill, B., Newton, E., McCormick, M. and Chevalier, R., 1999. Unilateral ureteral obstruction impairs renal antioxidant enzyme activation during sodium depletion. *Kidney International*, 55(4), pp.1327-1334.
- Ling, P.R. and Bistrrian, B.R., 2009. Comparison of the effects of food versus protein restriction on selected nutritional and inflammatory markers in rats. *Metabolism*, 58(6), pp.835-842.
- Ling, X. and Kuo, K., 2018. Oxidative stress in chronic kidney disease. *Renal Replacement Therapy*, 4(1).
- Luyckx, V., Tonelli, M. and Stanifer, J., 2018. *The Global Burden Of Kidney Disease And The Sustainable Development Goals*. [online] World Health Organization. Available at: <<https://www.who.int/bulletin/volumes/96/6/17-206441/en/>> [Accessed 24 March 2020].
- Martínez-Klimova, E., Aparicio-Trejo, O., Tapia, E. and Pedraza-Chaverri, J., 2019. Unilateral Ureteral Obstruction as a Model to Investigate Fibrosis-Attenuating Treatments. *Biomolecules*, 9(4), p.141.
- Moore, K., Dalley, A. and Agur, A., 2014. *Clinically Oriented Anatomy*. 7th ed. China: Wolters Kluwer, pp.290-292.

- National Institute of Diabetes and Digestive and Kidney Diseases. 2020. *Chronic Kidney Disease (CKD) / NIDDK*. [online] Available at: <<https://www.niddk.nih.gov/health-information/kidney-disease/chronic-kidney-disease-ckd>> [Accessed 25 March 2020].
- Nimse, S.B. and Pal, D., 2015. Free radicals, natural antioxidants, and their reaction mechanisms. *Rsc Advances*, 5(35), pp.27986-28006.
- Pezeshki, A., Zapata, R.C., Singh, A., Yee, N.J. and Chelikani, P.K., 2016. Low protein diets produce divergent effects on energy balance. *Scientific reports*, 6(1), pp.1-13.
- Pusat Data dan Informasi Kementerian Kesehatan RI, 2015. *Situasi Kesehatan Anak Balita Di Indonesia*. p.2.
- Ratliff, B.B., Abdulmahdi, W., Pawar, R. and Wolin, M.S., 2016. Oxidant mechanisms in renal injury and disease. *Antioxidants & redox signaling*, 25(3), pp.119-146.
- Riskesmas RI, 2018. *Hasil Utama Riskesdas 2018*. Kementerian Kesehatan RI, pp.6-7.
- Rohmawati, N., Mayer, A., Ma'rufi, I., Rokhmah, D., Antika, R., Aryatika, K. and Hidayati, M., 2019. *Indonesia's Triple Burden Of Malnutrition*. Jember University and IIED, p.8.
- Sasaki, Y., Iwama, R., Sato, T., Heishima, K., Shimamura, S., Ichijo, T., Satoh, H. and Furuhashi, K., 2014. Estimation of glomerular filtration rate in conscious mice using a simplified equation. *Physiological reports*, 2(8), p.e12135.
- Sherwood, L. and Ward, C., 2016. *Human Physiology*. 9th ed. Cengage Learning, p.492.
- Silva, F.C. and de Menezes, R.C., 2015. The implication of protein malnutrition on cardiovascular control systems in rats. *Frontiers in physiology*, 6, p.246.
- Takele, Y., Adem, E., Getahun, M., Tajebe, F., Kiflie, A., Hailu, A., Raynes, J., Mengesha, B., Ayele, T., Shkedy, Z., Lemma, M., Diro, E., Toulza, F.,

- Modolell, M., Munder, M., Müller, I. and Kropf, P., 2016. Malnutrition in Healthy Individuals Results in Increased Mixed Cytokine Profiles, Altered Neutrophil Subsets and Function. *PLOS ONE*, 11(8), p.e0157919.
- Tangri, N., Stevens, L.A., Schmid, C.H., Zhang, Y.L., Beck, G.J., Greene, T., Coresh, J. and Levey, A.S., 2011. Changes in dietary protein intake has no effect on serum cystatin C levels independent of the glomerular filtration rate. *Kidney international*, 79(4), pp.471-477.
- Tortora, G. and Derrickson, B., 2014. *Principles Of Anatomy & Physiology, 14Th Edition*. 14th ed. United States, pp.980-991.
- UNICEF DATA. 2020. *Malnutrition In Children - UNICEF DATA*. [online] Available at: <<https://data.unicef.org/topic/nutrition/malnutrition/>> [Accessed 24 March 2020].
- Vaidya, S.R. and Aeddula, N.R., 2019. Chronic Renal Failure. In StatPearls [Internet]. StatPearls Publishing.
- Who.int. 2018. *Malnutrition*. [online] Available at: <<https://www.who.int/news-room/fact-sheets/detail/malnutrition>> [Accessed 24 March 2020].
- World Kidney Day. 2020. *Chronic Kidney Disease - World Kidney Day*. [online] Available at: <<https://www.worldkidneyday.org/facts/chronic-kidney-disease/>> [Accessed 25 March 2020].
- Živković, I., Rajnpreht, I., Minić, R., Mitić, K., Aleksić, I., Kadrić, J. and Petrušić, V., 2016. Characterization of Intor: Swiss albino mice adopted in the Institute of Virology, Vaccines and Sera–Torlak, Belgrade in the early twentieth century. *Acta Veterinaria*, 66(3), pp.279-293.