

## DAFTAR PUSTAKA

- Aditya, M., Adifa, D. P. (2016). Potensi Yacon (*Smallanthus sonchifolius*) sebagai Agen Antidiabetes. *Med. J. Lamp. Univ.*, 5(3), 68-72.
- Agarwal, R., & Light, R. P. (2011). Patterns and prognostic value of total and differential leukocyte count in chronic kidney disease. *Clin. J. Am. Soc. Nephrol.*, 6(6), 1393-1399.
- Banks, W. A., Kastin, A. J., & Gutierrez, E. G. (1994). Penetration of interleukin-6 across the murine blood-brain barrier. *Neurosci. Lett.*, 179(1), 53-56.
- Böttinger, E. P. (2007). TGF- $\beta$  in Renal Injury and Disease. *Semin. Nephrol.*, 27(3), 309-320.
- Choque Delgado, G. T., da Silva Cunha Tamashiro, W. M., Maróstica Junior, M. R., & Pastore, G. M. (2013). Yacon (*Smallanthus sonchifolius*): A Functional Food. *Plant Foods Hum. Nutr.*, 68(3), 222-228.
- Choque Delgado, G. T., Thomé, R., Gabriel, D. L., Tamashiro, W. M. S. C., & Pastore, G. M. (2012). Yacon (*Smallanthus sonchifolius*)-derived fructooligosaccharides improves the immune parameters in the mouse. *Nutr. Res.*, 32(11), 884-892.
- Coelho, R. P., Pilar, B. C., Golke, A. M., & Manfredini, V. (2016). Supplementation with the yacon root extract (*Smallanthus sonchifolius*) improves lipid, glycemic profile and antioxidant parameters in wistar rats. *World J. Pharm. Pharm. Sc.* 5(9), 2284-2300.
- Contassot, E., Beer, H. D., & French, L. E. (2012). Interleukin-1, inflammasomes, autoinflammation and the skin. *Swiss Med. Wkly.*, 142(1), 1-10.
- Couser, W. G., Remuzzi, G., Mendis, S., & Tonelli, M. (2011). The contribution of chronic kidney disease to the global burden of major noncommunicable diseases. *Kidney Int.*, 80(12), 1258-1270.
- De Oliveira, R. B., De Paula, D. A. C., Rocha, B. A., Franco, J. J., Gobbo-Neto, L., Uyemura, S. A., Da Costa, F. B. (2011). Renal toxicity caused by oral use of medicinal plants: The yacon example. *J. Ethnopharmacol.*, 133(2), 434-441.
- Devi, S., Li, A., Westhorpe, C. L. V., Lo, C. Y., Abeynaike, L. D., Snelgrove, S. L., Hickey, M. J. (2013). Multiphoton imaging reveals a new leukocyte recruitment paradigm in the glomerulus. *Nat. Med.*, 19(1), 107-112.
- Erlinger, T. P., Tarver-Carr, M. E., Powe, N. R., Appel, L. J., Coresh, J., Eberhardt, M. S., & Brancati, F. L. (2003). Leukocytosis, hypoalbuminemia, and the risk for chronic kidney disease in US adults. *Am. J. Kidney Dis.*, 42(2), 256-263.
- Gava, A. L., Freitas, F. P., Balarini, C. M., Vasquez, E. C., & Meyrelles, S. S. (2012). Effects of 5/6 nephrectomy on renal function and blood pressure in mice. *Int. J. Physiol. Pathophysiol. Pharmacol.*, 4(3), 167-73.
- Honoré, S. M., Cabrera, W. M., Genta, S. B., & Sánchez, S. S. (2012). Protective effect of yacon leaves decoction against early nephropathy in experimental diabetic rats. *Food Chem. Toxicol.*, 50(5), 1704-1715.
- Honoré, S. M., Genta, S. B., Serafina Sánchez, S., & Sánchez, S. (2015).

- Smallanthus sonchifolius* ( Yacon ) leaves : an emerging source of compounds for diabetes management. *J. Res. Biol.*, 5(1), 21–42.
- Hwang S. J., Kim Y.W., Park, Y., Lee, H. J., & Kim, K. W. (2014). Anti-inflammatory effects of chlorogenic acid in lipopolysaccharide-stimulated RAW 264.7 cells. *Inflamm. Res.* 63, 81–90.
- Inglis, J. A., & Halliday, J. W. (1969). Renal damage after subtotal nephrectomy. *Pathology*, 1(3), 177–183.
- Jha, V., Garcia-Garcia, G., Iseki, K., Li, Z., Naicker, S., Plattner, B., Yang, C. W. (2013). Chronic kidney disease: Global dimension and perspectives. *The Lancet*, 382(9888), 260–272.
- Kagami, S., Border, W. A., Miller, D. E., & Noble, N. A. (1994). Angiotensin II stimulates extracellular matrix protein synthesis through induction of transforming growth factor-beta expression in rat glomerular mesangial cells. *J. Clin. Invest.*, 93(6), 2431–7.
- Kumar, V., Abbas, A. K., Fausto, N., & Aster, J. C. (2010). Diseases of White Blood Cells, Lymph Nodes, Spleen, and Thymus. In: *Robbins and Cotran Pathologic Basis of Disease*. Philadelphia: Saunders Elsevier, 589–638.
- Liang, N., & Kitts, D. D. (2015). Role of chlorogenic acids in controlling oxidative and inflammatory stress conditions. *Nutrients*, 8(1), 1–20.
- Libermann, T. A., & Baltimore, D. (1990). Activation of interleukin-6 gene expression through the NF-kappa B transcription factor. *Mol. Cell. Biol.*, 10(5), 2327–2334.
- Loizzo, M. R., Said, A., Tundis, R., Rashed, K., Antonio, G. S., Hufner A., & Menichini, F. (2007). Inhibition of Angiotensin Converting Enzyme (ACE) by Flavonoids isolated from *Ailanthus excelsa* (Roxb) (Simaroubaceae). *Phytother. Res.*, 21, 32–36.
- López-Hernández, F. J., & López-Novoa, J. M. (2012). Role of TGF-β in chronic kidney disease: An integration of tubular, glomerular and vascular effects. *Cell Tissue Res.*, 347(1), 141–154.
- Lozano, R., Naghavi, M., Foreman, K., Lim, S., Shibuya, K., Aboyans, V., Murray, C. J. L. (2012). Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: A systematic analysis for the Global Burden of Disease Study 2010. *Lancet*, 380, 2095–2128.
- Mescher, A. L. (2005). The Urinary System. In: Junqueira's *Basic Histology: Text and Atlas*. New York: The McGraw-Hill Companies, 415–434.
- Muchaneta-Kubara, E. C., Sayed-Ahmed, N., & El Nahas, A. M. (1995). Subtotal nephrectomy: A mosaic of growth factors. *Nephrol. Dial. Transplant.*, 10(3), 320–327.
- National Kidney Foundation. (2002). KDOQI Clinical Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification. *Am. J. Kidney Dis.* Available from: URL: [http://kidneyfoundation.cachefly.net/professionals/KDOQI/guidelines\\_ckd/index.htm](http://kidneyfoundation.cachefly.net/professionals/KDOQI/guidelines_ckd/index.htm).
- Oliveira, R. B., Chagas-Paula, D. A., Secatto, A., Gasparoto, T. H., Faccioli, L. H., Campanelli, A. P., & da Costa, F. B. (2013). Topical anti-inflammatory activity of yacon leaf extracts. *Brazilian J. Pharmacogn.*, 23(3), 497–505.
- Pusat Data dan Informasi Kemenkes RI. (2017). Situasi Penyakit Ginjal Kronis.

- InfoDATIN*. Available from <http://www.depkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin%20ginjal%202017.pdf>.
- Rangan, G., Wang, Y., & Harris, D. (2009). NF-kappaB signalling in chronic kidney disease. *Front Biosci*, 14, 3496-3522.
- Saladin, K. (2003). The Lymphatic and Immune Systems. In: *Anatomy & Physiology: The Unity of Form and Function*. New York : The McGraw-Hill Companies, 799-840.
- Sanjabi S., Zenewicz, L. A., Kamanaka M., Flavell R. A. (2009). Anti- and Pro-inflammatory Roles of TGF- $\beta$ , IL-10, and IL-22. *Curr Opin Pharmacol*. 9(4), 447-53.
- Taal, M. W., Zandi-Nejad, K., Weening, B., Shahsafaei, A., Kato, S., Lee, K.-W., Mackenzie, H. S. (2000). Proinflammatory gene expression and macrophage recruitment in the rat remnant kidney. *Kidney Int*, 58(4), 1664-1676.
- Tortora, G. J., & Derrickson, B. (2015). The Lymphatic System and Immunity. In: *Principles of Anatomy and Physiology*. New Jersey: John Wiley & Sons, Inc., 831-874.
- Tsai, Y.-C., Hung, C.-C., Kuo, M.-C., Tsai, J.-C., Yeh, S.-M., Hwang, S.-J., Chen, H.-C. (2012). Association of hsCRP, White Blood Cell Count and Ferritin with Renal Outcome in Chronic Kidney Disease Patients. *PLOS ONE*, 7(12), e52775.
- Vianna, H. R., Soares, C. M. B. M., Tavares, M. S., Teixeira, M. M., & Silva, A. C. S. E. (2011). Inflammation in chronic kidney disease: the role of cytokines. *J. Bras. Nefrol.*, 33(3), 351-364.
- Wahl, S. M., Hunt, D. a, Wakefield, L. M., McCartney-Francis, N., Wahl, L. M., Roberts, B., & Sporn, M. B. (1987). Transforming growth factor type beta induces monocyte chemotaxis and growth factor production. *Proc. Natl. Acad. Sci. USA*, 84(16), 5788-5792.
- Weigert, C., Brodbeck, K., Klopfer, K., Häring, H. U., & Schleicher, E. D. (2002). Angiotensin II induces human TGF-beta 1 promoter activation: similarity to hyperglycaemia. *Diabetologia*, 45(6), 890-898.
- Wu, L. L., Cox, A., Roe, C. J., Dziadek, M., Cooper, M. E., & Gilbert, R. E. (1997). Transforming growth factor  $\beta$ 1 and renal injury following subtotal nephrectomy in the rat: Role of the renin-angiotensin system. *Kidney Int.*, 51(5), 1553-1567.
- Yang, H.-C., Zuo, Y., & Fogo, A. B. (2010). Models of chronic kidney disease. *Drug Discov. Today Dis. Model*, 7(1), 13-19.
- Ye, H. Y., Jin, J., Jin, L. W., Chen, Y., Zhou, Z. H., & Li, Z. Y. (2017). Chlorogenic acid attenuates lipopolysaccharide-induced acute kidney injury by inhibiting TLR4/NF-kB signal pathway. *Inflammation*, 40(2), 523-529.