

## DAFTAR PUSTAKA

- Anders, H.J., Banas, B., and Schlondorff, D. 2004. Signaling danger: toll-like receptors and their potential roles in kidney disease. *J Am Soc Nephrol* 15: 854-867.
- Arfian, N., Muflikhah, K., Soeyono, S. K., Sari, D. C. R., Tranggono, U., Anggorowati, N. & Romi, M. M. 2016. Vitamin D Attenuates Kidney Fibrosis via Reducing Fibroblast Expansion, Inflammation, and Epithelial Cell Apoptosis. *Kobe J. Med. Sci.*, 62, E-E.
- Braga, T.T., Agudelo, J.S.H., Camara, N.O.S. 2015. Macrophages During the Fibrotic Process: M2 as Friend and Foe. *Frontiers in Immunology* 6, 602.
- Charan, J. & Kantharia, N. D. 2013. How to calculate sample size in animal studies? *J Pharmacol Pharmacother*, 4, 303-6.
- Cho, M.H. 2010. Renal fibrosis. *Korean Journal of Pediatrics* 53, 735.
- Couser, W.G., Remuzzi, G., Mendis, S., Tonelli, M. 2011. The contribution of chronic kidney disease to the global burden of major noncommunicable disease. *Kidney Int* 80, 1258-1270.
- Deshmane, S, L., Kremlev, S., Amini, S., Sawaya, B, E. 2009. Monocyte Chemoattractant Protein-1 (MCP-1): An Overview. *Journal of Interferon & Cytokine Research* 29.
- Farris, A.B., Colvin, R.B. 2012. Renal interstitial fibrosis: mechanisms and evaluation. *Current Opinion in Nephrology and Hypertension* 21, 289–300.
- Grande, M. T., Perez-Barriocanal, F. & Lopez-Novoa, J. M. 2010. Role of inflammation in tubulo-interstitial damage associated to obstructive nephropathy. *J Inflamm (Lond)*, 7, 19.
- Guyton, A, C., Hall, J, E. 2008. *Guyton and Hall Textbook of Medical Physiology* 11<sup>th</sup> edition. Philadelphia : Elsevier.
- Jha, V., Garcia-Garcia, G., Iseki, K., Li, Z., Naicker, S., Plattner, B., Saran, R., Wang, A, Y., Yang, C, W. 2013. Chronic kidney disease: global dimension and perspectives. *Lancet* 382, 260-272.
- Kacso, I, M., Borza, G, M., Ciuce, C, C., et al. 2015. Expression of TLR4 protein is reduced in chronic renal failure: evidence from an experimental model of nephron reduction. *Rom J Morphol Embryol* 56, 93-99.

- Kementerian Kesehatan Republik Indonesia. 2013. *Riset Kesehatan Dasar*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan Republik Indonesia.
- Kim, C.S., Kim, S.W. 2014. Vitamin D and chronic kidney disease. *The Korean Journal of Internal Medicine* 29, 416.
- Levey, A, S., Atkins, R., Coresh, J., Cohen, E, P., Collins, A, J., Eckardt, K, U., Nahas, M, E., Jaber, B, L., Jadoul, M., Levin, A., Powe, N, R., Rossert, J., Wheeler, D, C., Lameire, N., Eknoyan, G. 2007. Chronic kidney disease as a global public health problem: approaches and initiatives- a position statement from Kidney Disease improving Global Outcomes. *Kidney Int* 72, 247-259.
- Lubis, M., Alvariano., Tofrizal., Erkadius. 2013. Pengaruh Pemberian Valsartan dan Kurkumin Terhadap Pembentukan Fibrosis di Tubulus Proksimal Ginjal Akibat Obstruksi Ureter Unilateral pada Tikus Wistar. *Jurnal Kesehatan Andalas* 2.
- Meng, X.-M., Tang, P.M.-K., Li, J., Lan, H.Y. 2015. Macrophage Phenotype in Kidney Injury and Repair. *Kidney Diseases* 1, 138–146.
- Mescher, A, L. 2013. Junqueira's basic histology test and atlas 13<sup>th</sup> edition. United States: McGraw-Hill Companies Inc.
- Mirkovic, K., van den Born, J., Navis, G., H de Borst, M. 2011. Vitamin D in Chronic Kidney Disease: new potential for intervention. *Current drug targets* 12, 42–53.
- Moore, K. L., Dalley, A, F., Agur, A, M, R. 2014. *Clinically Oriented Anatomy* 7<sup>th</sup> edition. Philadelphia : Lippincott Williams & Wilkins.
- Netter, F, H. 2014. *Atlas of Human Anatomy* 6<sup>th</sup> edition. Philadelphia: Elsevier.
- Pan, B., Liu, G., Jiang, Z. & Zheng, D. 2015. Regulation of renal fibrosis by macrophage polarization. *Cell Physiol Biochem*, 35, 1062-9.
- Pavlovic, D., Katitic, D., Gulin, T., Josipovic, J. 2015. Vitamin D in the Patients with Chronic kidney Disease: When, to Whom and in Which Form. *Department of Nephrology and Dialysis, Sestre Milosdnice University Hospital, Zagreb, Croatia*, 122-124.
- Peterson, D, J, N., Wang, S., Lan, H, Y. 2014. Macrophages Promote Renal Fibrosis through Direct and Indirect Mechanisms. *Kidney International Supplements* 4, 34-38.
- Sherwood, L. 2012. *Fundamentals of human physiology* 4th edition. Canada : Brooks/Cole, Cengage Learning.

- Tan, X., Wen, X. & Liu, Y. 2008. Paricalcitol inhibits renal inflammation by promoting vitamin D receptor-mediated sequestration of NF-kappaB signaling. *J Am Soc Nephrol*, 19, 1741-52.
- Tesch, G, H., Schwarting, A., Kinoshita, K., Lan, H, Y., Rollins, B, J., Kelley, V, R. 1998. Monocyte chemoattractant protein-1 promotes macrophage-mediated tubular injury, but not glomerular injury, in nephrotoxic serum nephritis. *J. Clin. Invest* 103, 73-80.
- Tortora, G.J., Derrickson, B. 2014. *Principles of anatomy and physiology* 14th edition. John Wiley & Sons, Hoboken, NJ.
- Ucero, A.C., Benito-Martin, A., Izquierdo, M.C., Sanchez-Niño, M.D., Sanz, A.B., Ramos, A.M., Berzal, S., Ruiz-Ortega, M., Egido, J., Ortiz, A. 2014. Unilateral ureteral obstruction: beyond obstruction. *International Urology and Nephrology* 46, 765–776.
- Yiu, W, H., Lin, M., Tang, S, C, W. 2014. Toll-like receptor activation: from renal inflammation to fibrosis. *Kidney International Supplements* 4, 20-25.
- Zhang, B., Ramesh, G., Uematsu, S., Akira, S., Reeves, W, B. 2008. TLR4 signaling Mediates Inflammation and Tissue Injury in Nephrotoxicity. *J am Soc Nephrol* 19, 923-932.