

DAFTAR PUSTAKA

- Ajuebor, M.N., Flower, R.J., Hannon, R., Christie, M., Bowers, K., Verity, A., Perretti, M 1998, Endogenous monocyte chemoattractant protein-1 recruits monocytes in the zymosan peritonitis model, *J Leukoc Biol* 63:108-116.
- Arora, P 2015, *Chronic Kidney Disease*, Medscape, viewed 28 Maret 2015, <<http://emedicine.medscape.com/article/238798-overview#a0156>>
- Barna, B.P., Pettay, J., Barnett, G.H., Zhou, P., Iwasaki, K., Estes, M.L 1994, Regulation of monocyte chemoattractant protein-1 expression in adult human non-neoplastic astrocytes is sensitive to tumor necrosis factor (TNF) or antibody to the 55-kDa TNF receptor, *J Neuroimmunol* 50:101-107.
- Bonventre, J.V., Zuk, A 2004, Ischemic acute renal failure: an inflammatory disease?, *Kidney Int.* 66(2):480-485.
- Bonventre, J.V 2010, Mechanism of Acute Kidney Injury and Repair, *Management of Acute kidney Problems*, 35: 13-20.
- Brezis, M., & Epstein, F.H 1993, Cellular mechanisms of acute ischemic injury in the kidney, *Annu Rev Med*, 44: 27-37.
- Brown, Z., Robson, R.L., Westwick, J 1996, Regulation and expression of chemokines: Potential role in glomerulonephritis, *J Leukocyte Biol*, 59:75-80.
- Brown, Z., Strieter, R.M., Neild, G.H., Thompson, R.C., Kunkel, S.L., Westwick, J 1992, IL-1 receptor antagonist inhibits monocyte chemotactic peptide 1 generation by human mesangial cells, *Kidney Int*, 42:95-101.
- Cochran, B.H., Reffel, A.C., Stiles, C.D 1983, Molecular cloning of gene sequences regulated by platelet-derived growth factor, *Cell*, 33:939-947.
- Cushing, S.D., Berliner, J.A., Valente, A.J., Territo, M.C., Navab, M., Parhami, F., Gerrity, R., Schwartz, C.J., Fogelman, A.M 1990, Minimally modified low density lipoprotein induces monocyte chemotactic protein 1 in human endothelial cells

- and smooth muscle cells, *Proc Natl Acad Sci USA*, 87:5134-5138.
- Eardley, K.S, et al. 2006, The relationship between albuminuria, MCP-1/CCL2, and interstitial macrophages in chronic kidney disease, *Kidney International*, 69: 1189-1197.
- Eardley, K.S., Cockwell, P 2005, Macrophages and progressive tubulointerstitial disease, *Kidney Int*, 68: 437-455.
- Grandaliano, G., et al. 1996, Monocyte chemotactic peptide-1 expression in acute and chronic human nephritides: a pathogenetic role in interstitial monocytes recruitment, *J Am Soc Nephrol*, 7: 906-913.
- Guyton, A.C & Hall, J.E 2006, *Textbook of Medical Physiology*, 11 edn, Elsevier Saunders: Philadelphia.
- Haberstroh, U., et al. 1998, L-arginine suppresses lipopolysaccharide-induced expression of RANTES in glomeruli, *J Am Soc Nephrol*, 9:203-210.
- Hayashida, K., Nanki, T., Girschick, H., Yavuz, S., Ochi, T., Lipsky, P.E 2001, Synovial stromal cells from rheumatoid arthritis patients attract monocytes by producing MCP-1 and IL-8, *Arthritis Res*, 3:118-126.
- Hewitson, T.D , Ono, T, & Becker, G.T 2009, Small Animal Models of Kidney Disease: A Review, *Methods in Molecular Biology*, 466: 41-57
- Hodgkins, K.S & Schnaper, H.W 2011, Tubulointerstitial Injury and the progression of chronic kidney disease, *Pediatr Nephrol*, 27:901-909.
- Kriz, W, et al. 2013, Renal epithelial injury and fibrosis, *Biochimics et Biophysica Acta*, 931-939.
- Kriz, W. & LeHir, M 2005, Pathways to nephron loss starting from glomerular diseases—insights from animal models. *Kidney Int*, 67:404-419.
- Kumar, K.L, et al. 2010, *Robins and Cotran Pathologic Basic of Disease*, 8 edn, Saunders: Philadelphia
- Kurts, et al. 2013, The immune system and kidney disease: basic concepts and clinical implications, *Nature Reviews Immunology*, 13: 738-753.
- Kusano, K.F., et al. 2004, Significance of the level of monocyte chemoattractant protein-1 in human atherosclerosis. *Circ J*, 68:671-676.

- Lan, H.Y 2003, Tubular epithelial-myofibroblast transdifferentiation mechanisms in proximal tubule cells. *Curr Opin Nephrol Hypertens*, 12: 25-29.
- Longo, D.L., Fauci, A.S., Kasper, D.L., Hauser, S.L., Jameson, J.L & Loscalzo, J 2012, *Harrison's Principles Of Internal Medicine*, 18 edn, The McGraw-Hill Companies: USA.
- Lopez-Novoa, J.M., Martinez-Salgado, C., Rodriguez-Pena, A.B., Hernandez, F.J.L 2010, Common pathophysiological mechanisms of Chronic Kidney Disease: Therapeutic Perspectives, *Pharmacology & Therapeutics*, 128: 61-81.
- Luis, M., Ortega, L.M & Fornoni, A 2010, Role of cytokines in the pathogenesis of acute and chronic kidney disease, glomerulonephritis, and end-stage kidney disease, *International Journal of Interferon, Cytokine and Mediator Research*, 249-62.
- Moore, K.L, et al. 2010, *Clinically Oriented Anatomy*, 6 edn, Lippincott Williams & Wilkins: Philadelphia.
- Morii, T., Fujita, H., Narita, T., et al. 2003, Increased urinary excretion of monocyte chemoattractant protein-1 in proteinuric renal diseases, *Renal Fail*, 25: 439-444.
- Nangaku, M 2004, Mechanisms of tubulointerstitial injury in the kidney: final common pathways to end-stage renal failure, *Intern Med*, 43:9-17
- Nath, K.A 1998, The tubulointerstitium in progressive renal disease, *Kidney Int*, 54: 992-994.
- National Kidney Foundation. 2002, K/DOQI clinical practice guidelines for chronic kidney disease: evaluation, classification, and stratification. *Am J Kidney Dis*, 39: S1-S266.
- National Kidney Foundation. 2013, K/DOQI clinical practice guidelines for chronic kidney disease: evaluation, classification, and stratification, *Kidney International Supplements*, 39:S1-S266.
- Neuhofner, W. and Pittrow, D 2006, Role of endothelin and endothelin receptor antagonists in renal disease, *Eur J Clin Invest*, 36 Suppl 3: 78-88.
- Prodjosudjadi, W., Gerritsma, J.S., van, L.A., et al. 1995, Monocyte chemoattractant protein-1 in normal and diseased human kidneys: an immunohistochemical analysis, *Clin Nephrol*, 44: 148-155.

- Prodjosudjadi W. 2006, Incidence, Prevalence, Treatment, and Cost of End-Stage Renal Disease in Indonesia, *Ethnicity of Disease*, 16: 14-16.
- Prodjosudjadi, W., et al., 2009, Detection and prevention of chronic kidney disease in Indonesia: Initial community screening, *NEPHROLOGY*, 14: 669-674.
- Remuzzi G, Bertani T 1998, Pathophysiology of progressive nephropathies, *N Engl J Med*, 339:1448-56.
- Rodriguez, I.B., Garcia, G.G 2010, The role of tubulointerstitial inflammation in the progression of chronic renal failure, *Nephron Clin Pract*, 116:c81-c88.
- Rodriguez-Peña, A., Prieto, M., Duwel, A., Rivas, J. V., Eleno, N., Perez-Barriocanal, F., Arevalo, M., Smith, J. D., Vary, C. P., Bernabeu, C., & Lopez-Novoa, J. M 2001, Up-regulation of endoglin, a TGF- β -binding protein, in rats with experimental renal fibrosis induced by renal mass reduction, *Nephrol Dial Transplant*, 16: 34-39.
- Saladin, 2009, *Anatomy & Physiology: The Unity of Form and Function*, 5 ed., The McGraw-Hill Companies: USA
- Sartipy, P., Loskutoff, D.J 2003, Monocyte chemoattractant protein 1 in obesity and insulin resistance, *Proc Natl Acad Sci USA*, 100:7265-7270.
- Shimizu H, Maruyama S, Yuzawa Y et al. 2003, Anti-monocyte chemoattractant protein-1 gene therapy attenuates renal injury induced by protein-overload proteinuria, *J Am Soc Nephrol*, 14: 1496-1505.
- Sorensen, T.L., Ransohoff, R.M., Strieter, R.M., Sellebjerg, F 2004. Chemokine CCL2 and chemokine receptor CCR2 in early active multiple sclerosis, *Eur J Neurol*, 11:445-449.
- Standiford, T.J., Kunkel, S.L., Phan, S.H., Rollins, B.J., Strieter, R.M 1991. Alveolar macrophage-derived cytokines induce monocyte chemoattractant protein-1 expression from human pulmonary type II-like epithelial cells. *J Biol Chem* 266:9912-9918.
- Stevens, L.A. & Levey, A.S 2005. Measurement of kidney function. *Med Clin North Am*. 89 457-473.
- Tanto et al., 2014, *Kapita Selektta Kedokteran*, 4 ed., Media Aesculapius: Jakarta.

- Tortora, G.J & Derrickson, B 2012, Principle of Anatomy and Physiology, 13 edn, John Wiley & Sons, Inc: USA.
- Van Coillie E, Van Damme J, Opdenakker G 1999. The MCP/eotaxin subfamily of CC chemokines. Cytokine Growth Factor Rev 10:61-86.
- Yang, H.C, Zuo, Y, & Fogo, A.B 2010, Models of chronic kidney disease, *Drug Discov Today Dis Models*, 7(1-2): 13-19.