

BAB VI

DAFTAR PUSTAKA

- 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 Journal of Medical Sciences*, 62(2), E38–E44.
- Artaza, J. N., & Norris, K. C. (2009). Vitamin D reduces the expression of collagen and key profibrotic factors by inducing an antifibrotic phenotype in mesenchymal multipotent cells. *Journal of Endocrinology*, 200(2), 207–221. <https://doi.org/10.1677/JOE-08-0241>
- Böttinger, E. P. (2007). TGF- β in Renal Injury and Disease. *Seminars in Nephrology*, 27(3), 309–320. <https://doi.org/10.1016/j.semnephrol.2007.02.009>
- Cernaro, V., Santoro, D., Lacquaniti, A., Costantino, G., Visconti, L., Buemi, A., & Buemi, M. (2016). Phosphate binders for the treatment of chronic kidney disease: Role of iron oxyhydroxide. *International Journal of Nephrology and Renovascular Disease*, 9, 11–19. <https://doi.org/10.2147/IJNRD.S78040>
- Charan, J., & Kantharia, N. (2013). How to calculate sample size in animal studies? *Journal of Pharmacology and Pharmacotherapeutics*, 4(4), 303. <https://doi.org/10.4103/0976-500X.119726>
- Chevalier, R. L., Forbes, M. S., & Thornhill, B. a. (2009). Ureteral obstruction as a model of renal interstitial fibrosis and obstructive nephropathy. *Kidney International*, 75(11), 1145–1152. <https://doi.org/10.1038/ki.2009.86>
- de Brito Galvao, J. F., Nagode, L. A., Schenck, P. A., & Chew, D. J. (2013). Calcitriol, calcidiol, parathyroid hormone, and fibroblast growth factor-23 interactions in chronic kidney disease. *Journal of Veterinary Emergency and Critical Care*, 23(2), 134–162. <https://doi.org/10.1111/vec.12036>
- Desmoulière, A., Darby, I., & Gabbiani, G. (2003). Normal and pathologic soft tissue remodeling: role of the myofibroblast, with special emphasis on liver and kidney fibrosis. *Laboratory Investigation; a Journal of Technical Methods and Pathology*, 83(12), 1689–1707. <https://doi.org/10.1097/01.LAB.0000101911.53973.90>
- Eddy, a a. (2000). Molecular basis of renal fibrosis. *Pediatric Nephrology (Berlin, Germany)*, 15(3–4), 290–301. <https://doi.org/10.1007/s004670000461>
- Eroschenko, V. P. (2012). *diFiore's Atlas of Histology: with Functional Correlations* (12 edition). LWW.

- Fuchs, E. (1994). Mini-Review on the Cellular Mechanisms of Disease. *The Journal of Cell Biology*, 124(4), 511–516.
<https://doi.org/10.1083/jcb.124.4.401>
- Gelse, K., Pöschl, E., & Aigner, T. (2003). Collagens - Structure, function, and biosynthesis. *Advanced Drug Delivery Reviews*, 55(12), 1531–1546.
<https://doi.org/10.1016/j.addr.2003.08.002>
- Hall, J. E. (2015). *Guyton and Hall Textbook of Medical Physiology* (13 edition). Saunders.
- Haralambous-Gasser, a, Chan, D., Walker, R. G., Powell, H. R., Becker, G. J., & Jones, C. L. (1993). Collagen studies in newborn rat kidneys with incomplete ureteric obstruction. *Kidney International*, 44(3), 593–605.
<https://doi.org/10.1038/ki.1993.286>
- Hinz, B., Phan, S. H., Thannickal, V. J., Galli, A., Bochaton-Piallat, M.-L., & Gabbiani, G. (2007). The Myofibroblast. *The American Journal of Pathology*, 170(6), 1807–1816. <https://doi.org/10.2353/ajpath.2007.070112>
- Ishidoya, S., Morrissey, J., McCracken, R., Reyes, a, & Klahr, S. (1995). Angiotensin II receptor antagonist ameliorates renal tubulointerstitial fibrosis caused by unilateral ureteral obstruction. *Kidney International*, 47(5), 1285–94. <https://doi.org/10.1038/ki.1995.183>
- Ito, I., Waku, T., Aoki, M., Abe, R., Nagai, Y., Watanabe, T., ... Wang, L. (2013). A nonclassical vitamin D receptor pathway suppresses renal fibrosis. *Cellular Immunology*, 279(11), 160–166.
<https://doi.org/10.1172/JCI67804.the>
- Klahr, S., & Morrissey, J. (2002). Obstructive nephropathy and renal fibrosis. *American Journal of Physiology. Renal Physiology*, 283(5), F861–F875.
<https://doi.org/10.1152/ajprenal.00362.2001>
- Kulie, T., Groff, A., Redmer, J., Hounshell, J., & Schragar, S. (2009). Vitamin D: An Evidence-Based Review. *The Journal of the American Board of Family Medicine*, 22(6), 698–706. <https://doi.org/10.3122/jabfm.2009.06.090037>
- Li, Y., Spataro, B. C., Yang, J., Dai, C., & Liu, Y. (2005). 1,25-dihydroxyvitamin D inhibits renal interstitial myofibroblast activation by inducing hepatocyte growth factor expression. *Kidney International*, 68(4), 1500–1510.
<https://doi.org/10.1111/j.1523-1755.2005.00562.x>
- Liu, Y. (2006). Renal fibrosis: new insights into the pathogenesis and therapeutics. *Kidney Int*, 69(2), 213–217.
<https://doi.org/10.1038/sj.ki.5000054>
- Liu, Y. (2011). Cellular and molecular mechanisms of renal fibrosis. *Nat Rev Nephrol.*, 7(12), 684–96. <https://doi.org/10.1038/nrneph.2011.149>
- Mescher, A. L. (2013). *Junqueira's Basic Histology* (13 edition). McGraw-Hill

Education.

- Moore, K. L., Dalley, A. F., & Agur, A. M. (2010). *Clinically oriented anatomy*. Lippincott Williams & Wilkins.
- Nakashima, A., Yokoyama, K., Yokoo, T., & Urashima, M. (2016). Role of vitamin D in diabetes mellitus and chronic kidney disease. *World Journal of Diabetes*, 7(5), 89–100. <https://doi.org/10.4239/wjd.v7.i5.89>
- Oga, T., Matsuoka, T., Yao, C., Nonomura, K., Kitaoka, S., Sakata, D., ... Narumiya, S. (2009). Prostaglandin F(2alpha) receptor signaling facilitates bleomycin-induced pulmonary fibrosis independently of transforming growth factor-beta. *Nature Medicine*, 15(12), 1426–30. <https://doi.org/10.1038/nm.2066>
- Olman, M. A. (2009). Beyond TGF- β : a prostaglandin promotes fibrosis. *Nature Magazine*, 15(12), 1360–1361. <https://doi.org/10.1038/nm1209-1360>
- Pfaffl, M. W. (2001). A new mathematical model for relative quantification in real-time RT-PCR. *Nucleic Acids Research*, 29(9), e45. <https://doi.org/10.1093/nar/29.9.e45>
- Saladin, K. (2006). *Anatomy & Physiology: The Unity of Form and Function*. McGraw-Hill Science (4 edition). McGraw-Hill Science.
- Sato, M., Muragaki, Y., Saika, S., & Roberts, A. B. (2003). Targeted disruption of TGF- β 1 / Smad3 signaling protects against renal tubulointerstitial fibrosis induced by unilateral ureteral obstruction. *Journal of Clinical Investigation*, 112(10). <https://doi.org/10.1172/JCI200319270>. Introduction
- Sharma, a K., Mauer, S. M., Kim, Y., & Michael, a F. (1993). Interstitial fibrosis in obstructive nephropathy. *Kidney International*, 44(4), 774–788. <https://doi.org/10.1038/ki.1993.312>
- Sherwood, L. (2012). *Fundamentals of human physiology*. Clinical Anatomy. Cengage Learning.
- Standring, S. (2008). *Gray's anatomy: the anatomical basis of clinical practice*. Elsevier Health Sciences.
- Strutz, F., & Müller, G. A. (2006). Renal fibrosis and the origin of the renal fibroblast. *Nephrology Dialysis Transplantation*, 21(12), 3368–3370. <https://doi.org/10.1093/ndt/gfl199>
- Strutz, F., & Zeisberg, M. (2006). Renal Fibroblasts and Myofibroblasts in Chronic Kidney Disease. *Journal of the American Society of Nephrology*, 17(11), 2992–2998. <https://doi.org/10.1681/ASN.2006050420>
- Tan, X., Li, Y., & Liu, Y. (2006). Paricalcitol attenuates renal interstitial fibrosis in obstructive nephropathy. *Journal of the American Society of Nephrology : JASN*, 17(12), 3382–3393. <https://doi.org/10.1681/ASN.2006050520>

- Tian, J., Liu, Y., Williams, L. A., & de Zeeuw, D. (2007). Potential role of active vitamin D in retarding the progression of chronic kidney disease. *Nephrology Dialysis Transplantation*, 22(2), 321–328. <https://doi.org/10.1093/ndt/gfl595>
- Tomasek, J. J., Gabbiani, G., Hinz, B., Chaponnier, C., & Brown, R. a. (2002). Myofibroblasts and mechano-regulation of connective tissue remodelling. *Nature Reviews. Molecular Cell Biology*, 3(5), 349–63. <https://doi.org/10.1038/nrm809>
- Tortora, G. J., & Derrickson, B. H. (2012). *Principles of anatomy and physiology*. John Wiley & Sons.
- Williams, S., Malatesta, K., & Norris, K. (2009). Vitamin D and chronic kidney disease. *Ethnicity & Disease*, 19(4 Suppl 5), 1–7. <https://doi.org/10.3904/kjim.2014.29.4.416>
- Zeisberg, E. M., Potenta, S. E., Sugimoto, H., Zeisberg, M., & Kalluri, R. (2008). Fibroblasts in kidney fibrosis emerge via endothelial-to-mesenchymal transition. *Journal of the American Society of Nephrology : JASN*, 19(12), 2282–7. <https://doi.org/10.1681/ASN.2008050513>
- Zeisberg, M., & Neilson, E. G. (2010). Mechanisms of tubulointerstitial fibrosis. *Journal of the American Society of Nephrology : JASN*, 21(11), 1819–1834. <https://doi.org/10.1681/ASN.2010080793>
- Zhang, Y., Kong, J., Deb, D. K., Chang, A., & Li, Y. C. (2010). Vitamin D receptor attenuates renal fibrosis by suppressing the renin-angiotensin system. *Journal of the American Society of Nephrology : JASN*, 21(6), 966–973. <https://doi.org/10.1681/ASN.2009080872>