

## DAFTAR PUSTAKA

1. Hendrawan S. Ekspresi Gen Hypoxia Inducible Factor - 1 $\alpha$  (HIF-1 $\alpha$ ) dan Apoptosis Pada Jantung Yang Diinduksi Hipoksia Sistemik [tesis]. Jakarta: Fakultas Kedokteran Universitas Indonesia. 2008.
2. Giordano FJ. Oxygen, Oxidative Stress, Hypoxia, And Heart Failure. *J Clin Invest.* 2005;115(3):500-8.
3. O'Connor PM. Renal Oxygen Delivery : Matching Delivery To Metabolic Demand. *Clinical and Experimental Pharmacology and Physiology.* 2006;33(10):961-7.
4. Navar LG, Carmines PK, Paul RV. Renal circulation. In: Massry SG, Glasscock RJ, editors. *Textbook of nephrology.* 2 ed. Baltimore: Williams & Wilkins;1989:43-147.
5. Zainuri M, Wanandi SI. Aktivitas Spesifik Manganese Superoxide Dismutase (MnSOD) Dan Katalase Pada Hati Tikus Yang Diinduksi Hipoksia Sistemik : Hubungannya Dengan Kerusakan Oksidatif. *Jakarta : Media Litbang Kesehatan.* 2012; 22(2):87-92.
6. Semenza GL. HIF-1: Mediator of Physiological and Pathophysiological response to hypoxia. *J Apple Physiol.* 2000;88(4):1474-80
7. Haddad JJ. Oxygen sensing mechanisms and the regulation of redox-responsive transcription factors in development and pathophysiology. *Respir res.* 2002;3:26.
8. Zagorska A, Dulak J. HIF-1: the knows and unknowns of hypoxia sensing. *Acta Biochimia Polonica.* 2004;51(3):563-85.
9. Bag A, Bag N. Target sequence polymorphism of human manganese superoxide dismutase gene and its association with cancer risk. *Cancer Epidemiol Biomarker Prev.* 2008;17(12):3298-305.
10. Harju T, Wiik RK, Sirvio R, Paakkko P, Crapo JD, Oury TD, et al. Manganese superoxide dismutase is increased in the airways of smokers' lungs. *Eur Respir J.* 2004; 24(5):765-71
11. Marks DB, Marks AD, Smith CM. *Biokimia Kedokteran Dasar : Sebuah Pendekatan Klinis.* Jakarta: EGC; 2000
12. Weinberg JM. The cell biology of ischemic renal injury. *Kidney Int.* 1991;39(3):476-500.
13. Jones RD, Hancock JT, Morice AH. NADPH oxidase: a universal oxygen sensor?. *Free Radic Biol Med.* 2000;29(5):416-24.
14. Sherwood L. *Fisiologi Manusia Dari Sel ke Sistem*, Ed. 6. Jakarta: EGC;2009
15. Ning XH, Chen SH, Buroker NE, Xu CS, Li FR, et al. Short-cycle hypoxia in the intact heart : Hypoxia inducible factor 1 $\alpha$  signaling and the relationship to injury threshold. *Am J Physiol Heart Circ Physiol.* 2007 ; 292(1):333-41.
16. Colucci WS. Apoptosis In The Heart [review]. Boston: Boston Medical Center; 2003.
17. Eckardt KU, Bernhardt WM, Weidemann A, Warnecke C, Rosenberger C, Wiesener MS, et al. Role Of Hypoxia in the pathogenesis of renal disease. *Kidney Int Suppl.* 2005;(99):46-51.

18. Zhang W, Edwards A : Oxygen transport across vasa recta in the renal medulla. *Am J Physiol Heart Circ Physiol.* 2002;283(3):1042–55.
19. Schurek HJ, Jost U, Baumgartl H, Bertram H, Heckmann U : Evidence for a preglomerular oxygen diffusion shunt in rat renal cortex. *Am J Physiol.* 1990;259(6): 910–915.
20. Sastrawan IGP, Suwitra K. Peran Hipoksia Pada Patogenesis Penyakit Ginjal. *J peny dalam.* 2008;9(1):75-84.
21. Nangaku M. Mechanism of tubulointerstitial injury in the kidney: final common pathway to end-stage renal failure. *Intern Med.* 2004;43(1):9-17.
22. Guzy RD, Schumacker PT. Oxygen sensing by mitochondria at complex III: the paradox of increased reactive oxygen species during hypoxia. *Exp Physiol.* 2006;91(5):807-19.
23. Halliwell B, Gutteridge J. Free radicals in biology and medicine. 4<sup>th</sup> ed. London: Oxford University Press; 2007:79-186.
24. Taylor CT, Pouyssegur JP. Oxygen, Hypoxia, and Stress. *Ann NY Acad Sci.* 2007;1113:87-94.
25. Kerr ME, Bender CM, Monti EJ. An introduction to oxygen free radicals. *Heart Lung.* 1996;25(3):200-9.
26. Murray R, Granner D, Mayes P, Rodwel V. Biokimia harper. 24<sup>th</sup> Ed. Jakarta: EGC; 1999
27. Hanafiah KA. Rancangan Percobaan: Teori dan Aplikasi. Jakarta: PT. Raja Grafindo Persada; 2005.
28. Ellman GL. Tissue sulfhydryl groups. *Arch of Bioch & Biophys.* 1959; 82(1): 70-77.
29. Akerboom TPM, Sies H. Assay of glutathione, glutathione disulfide, and glutathione mixed disulfides in biological samples. *Methods Enzymol.* 1981;77: 373-382.
30. Asni E, Harahap IP, Prijanti AR, Wanandi IS, Jusman SWA, Sadikin M. Pengaruh Hipoksia Berkelanjutan Terhadap Kadar Malondialdehid, Glutation Tereduksi Dan Aktivitas Katalase Ginjal Tikus. *Majalah Kedokteran Indonesia.* 2009; 9(12): 595-600.
31. Rich A, Gaskins HR. Glutathione and its Role in Cellular Adaptation to Hypoxia. *i-ACES.* 2014;1(1):42-9.
32. Murphy MP. How mitochondria produce reactive oxygen species. *Biochem J.* 2009;417(1):1-13.