

DAFTAR PUSTAKA

1. Kurniasih. Khasiat dan Manfaat Daun Kelor Untuk Penyembuhan Berbagai Penyakit. Yogyakarta : Pustaka Baru Press
2. NIH: National Center for Complementary and integrative Health : Herbal Medicine (cited 2017 Aug 3) Available from:
<https://medlineplus.gov/herbalmedicine.html>
3. Birber E, Sahiner UM, Sackesen C, Erzurum S, Kalayci O. Oxidative Stress and Antioxidant Defense. World Allergy Organ J. 2012 Jan (cited 2017 Aug 9); 5(1):9-19 : Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC3488923/
4. Halliwell B, Gutteridge JMC. Free radicals in biology and medicine. 4th ed. London: Oxford University Press; 2007
5. Ferdinand P, Roffe C. Hypoxia after stroke: a review of experimental and clinical evidence. Experimental & Translational Stroke Medicine. 2016 (cited 2017 Oct 15) Available from:
<https://etmjournal.biomedcentral.com/articles/10.1186/s13231-016-0023-0>
6. Wanandi SI, Dewi S, Paramita R. Peran protein Hypoxia Inducible Factor-1 α (HIF-1 α) terhadap regulasi gen manganase superoxide dismutase (MnSOD) pada induksi hipoksia sistemik. Fakultas kedokteran. Jakarta: Universitas Indonesia; 2007
7. Hendrawan S. Ekspresi gen Hypoxia Inducible Factor-1 α (HIF-1 α) dan apoptosis pada jantung yang diinduksi hipoksia sistemik. Fakultas kedokteran. Jakarta: Universitas Indonesia; 2008
8. Giordano FJ. Oxygen, oxidative stress, hypoxia, and heart failure. J Clin Invest. 2005 Mar 1 (cited 2017 Oct 16);115(3): 500-508: Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC1052012/
9. Murray RK, Bender DA, Botham KM, Kennelly PJ, Rodwell VW, Weil PA. Biokimia Harper. 29th ed. Jakarta: EGC; 2003.

10. Debevec T, Millet GP, Pialoux V. Hypoxia-Induced Oxidative Stress Modulation with Physical Activity. *Front Physiol.* 2017 (cited 2017 Oct 16);8: 84; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC5303750/
11. Hermes-Lima M. Oxygen in Biology and Biochemistry: Role of Free Radicals. In: Storey KB, editor. *Functional Metabolism: Regulation and Adaptation.* New Jersey: Wiley–Liss, Inc. Hoboken, 2004; 319-368.
12. Smith C, Marks A, Lieberman M. *Basic Medical Biochemistry. A Clinical Approach.* 2nd ed. Maryland: Lippincott Williams & Wilkins, 2005; 842-861.
13. Pizzorno J. Glutathione. *Intergr Med (Encinitas).* 2014 Feb (cited 2017 Oct 16); 13(1): 8-12; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC4684116/
14. Dawodu OA, Lawal OA, Ogunwande IA, Giwa AA. Volatile constituents of *Crescentia cujete* L. *American Journal of Essential Oils and Natural Products.* 2016 (cited 2017 Oct 16); 4(4):01-03 : Available from:
www.essencejournal.com/pdf/2016/vol4issue4/PartA/4-4-1-152.pdf
15. Parente FGG, Oliviera AP, Rodrigues CMSC, Junior RGO, Paulo IMM, Nunes XP et al. Phytochemical scning and antioxidant activity of methanolic fraction from the leaves of *Crescentia cujete* L. (Bignoniaceae). *Journal of Chemical and Pharmaceutical Research.* 2016 (cited 2017 Oct 16); 8(2):231-236 : Available from:
<http://www.jocpr.com/articles/phytochemical-screening-and-antioxidant-activity-of-methanolic-fraction-from-the-leaves-of-crescentia-cujete-l-bignoniac.pdf>
16. Parvin MS, Das N, Jahan N, Akhter MA, Nahar L, Islam ME. Evaluation of in vitro anti-inflammatory and antibacterial potential of *Crescentia cujete* leaves and stem bark. *BMC Res Notes.* 2015 (cited 2017 Oct 16); 8:412; Available from: www.ncbi.nlm.nih.gov/pmc/articles/PMC4559910/
17. Intergrated Taxonomic Information System. *Crescentia cujete* L.. (updated 2017 Sept 19; cited 2017 Nov 4). Available from:

https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=34332#null

18. Das N, Islam ME, Jahan N, Islam MS, Khan A, Islam MR, et al. Antioxidant activities of ethanol extracts and fractions of *Crescentia cujete* leaves and stem bark and the involvement of phenolic compounds. *BMC Complement Altern Med*. 2014 Feb 4 (cited 2017 Nov 4); 14: 45; Available from: <https://bmccomplementalternmed.biomedcentral.com/articles/10.1186/1472-6882-14-45>
19. Yasita D, Rachmawati I.D. Optimasi Proses Ekstraksi Pada Pembuatan Karaginan Dari Rumput Laut *Eucheuma cottoni* Untuk Mencapai Foodgrade. Fakultas Teknik Universitas Diponegoro (Cited 2017 Oct 01) available from :<http://eprints.undip.ac.id/3333/>
20. International Centre for Science and High Technology. Extraction Technologies for Medicinal and Aromatic Plants. 2008 (Cited 2017 Oct 05) available from:
https://www.unido.org/sites/default/files/2009-10/Extraction_technologies_for_medicinal_and_aromatic_plants_0.pdf
21. Tetti M. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan UIN*. 2014 (cited 2017 Oct 01); 7(2):361-7 ; Available from: <http://journal.uin-alauddin.ac.id/index.php/kesehatan/article/view/55>
22. Monte CD, Carradori S, Granese A, Pierro GBD, Leonardo C, Nunzio CD. Modern extraction techniques and their impact on the pharmacological profile of *Serenoa repens* extracts for the treatment of lower urinary tract symptoms. *BMC Urol*. 2014 Aug 11 (cited 2017 Oct 01); 14:63 ; Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4136420/>
23. Lobo V, Patil A, Phatak A, Chandra N. Free radicals, antioxidants and functional foods: Impact on human health. *Pharmacogn Rev*. 2010 Jul-Dec (cited 2017 Oct 22); 4(8): 118-126 ; Available from: www.ncbi.nlm.nih.gov/pmc/articles/PMC3249911/

24. Halliwell B. Reactive Species and Antioxidants. Redox Biology Is a Fundamental Theme of Aerobic Life. *Plant Physiol.* 2006 Jun (cited 2017 Oct 21); 141(2): 312-322 ; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC1475431/
25. Rahman K. Studies on free radicals, antioxidants, and co-factors. *Clin Interv Aging.* 2007 Jun (cited 2017 Oct 21); 2(2): 219-236; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC2684512/
26. Pizzorno J. Glutathione. *Intergr Med (Encinitas).* 2014 Feb (cited 2017 Oct 22); 13(1): 8-12; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC4684116/
27. Schmitt B, Vicenzi M, Garrel C, Denis FM. Effects of N-acetylcysteine, oral glutathione (GSH) and a novel sublingual form of GSH on oxidative stress markers: A comparative crossover study. *Redox Biol.* 2015 Jul (cited 2017 Oct 22); 6: 198-205 ; Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC4536296/
28. Essential Nutraceuticals. What is Glutathione?. (updated 2012; cited 2017 Oct 22). Available from: <http://www.essentialgsh.com/glutathione.html>
29. Burton GJ, Jauniaux E. Oxidative stress. *Best Pract Res Clin Obstet Gynaecol.* 2011 Jun (cited 2017 Oct 20); 25(3):287-299 : Available from:
www.ncbi.nlm.nih.gov/pmc/articles/PMC3101336/
30. Petersen KS, Smith C. Ageing-Associated Oxidative Stress and Inflammation Are Alleviated by Products from Grapes. *Oxidative Medicine and Cellular Longevity.* 2016 Feb (cited 2017 Sept 4); 2016 ; Available from:
www.hindawi.com/journals/omcl/2016/6236309/
31. Angelova PR, Abramov AY. Functional role of mitochondrial reactive oxygen species in physiology. *Free Radical Biology and Medicine.* 2016 Jun 7 (cited 2017 Oct 21); 100: 81-85 ; Available from:
www.sciencedirect.com/science/article/pii/S0891584916302933?via%3Dihub

32. Alfadda AA, Sallam RM. Reactive Oxygen Species in Health and Disease. *Journal of Biomedicine and Biotechnology*. 2012 (cited 2017 Oct 21); Available from: www.hindawi.com/journals/bmri/2012/936486/
33. Auten RL, Davis JM. Oxygen Toxicity and Reactive Oxygen Species: The Devil Is in the Details. *Pediatric Research*. 2009 Apr (cited 2017 Oct 21); 66;121-127 ; Available from: www.nature.com/pr/journal/v66/n2/full/pr2009174a.html?foxtrotcallback=true
34. Nita M, Grzybowski A. The Role of the Reactive Oxygen Species and Oxidative Stress in the Pathomechanism of the Age-Related Ocular Diseases and other Pathologies of the Anterior and Posterior Eye Segments in Adults. *Oxidative Medicine and Cellular Longevity*. 2016 Nov (cited 2017 Oct 21); Available from: www.hindawi.com/journals/omcl/2016/3164734/
35. Mach WJ, Thimmesch AR, Pierce JT, Pierce JD. Consequences of Hyperoxia and the Toxicity of Oxygen in the Lung. *Nursing Research and Practice*. 2011 Apr (cited 2017 Oct 21); 2011(2011) ; Available from: <https://www.hindawi.com/journals/nrp/2011/260482/>
36. Kumar H, Choi D. Hypoxia Inducible Factor Pathway and Physiological Adaptation: A Cell Survival Pathway. *Mediators of Inflammation*. 2015 (cited 2017 Oct 20);1-11: Available from: www.hindawi.com/journals/mi/2015/584758/
37. Heffner JE. The story of oxygen. *Respir care*. 2013 (cited 2017 Oct 20) ;58(1):18-31 : available from <https://www.ncbi.nlm.nih.gov/pubmed/23271817>
38. Sherwood L. *Fisiologi Manusia: Dari Sel ke Sistem*. 8th ed. Ong HO, Mahode AA, Ramadhani D, editors. Jakarta: EGC; 2013.
39. Melina R. Why Do Medical Researchers Use Mice. *Livescience*. (updated 2010 Nov 16; cited 2017 Sept 20). Available from:

<https://www.livescience.com/32860-why-do-medical-researchers-use-mice.html>

40. Sharp P, Villano J. The Laboratory Rat 2nd Edition. CRC press Taylor & Francis Group 2013 Jan 22
41. Animal Diversity Web. University of Michigan Museum Of Zoology. (Cited 2017 Oct 01). available from:
http://animaldiversity.org/accounts/Rattus_norvegicus/classification/
42. Mairbäurl H. Neocytolysis: How to Get Rid of the Extra Erythrocytes Formed by Stress Erythropoiesis Upon Descent From High Altitude. Front Physiol. 2018 Apr 5;9:345. doi: 10.3389/fphys.2018.00345. eCollection 2018. (Cited 2018 Mei 14) available from : <https://www.ncbi.nlm.nih.gov/pubmed/29674976>
43. Mansfield KD, Simon MC, Keith B. Hypoxic reduction in cellular glutathione levels requires mitochondrial reactive oxygen species. J Appl Physiol (1985). 2004 Oct;97(4):1358-66. Epub 2004 Jun 4. (Cited 2018 Mei 14) available from : <https://www.ncbi.nlm.nih.gov/pubmed/15180977>
44. Shang, Yue et al. “Downregulation of Glutathione Biosynthesis Contributes to Oxidative Stress and Liver Dysfunction in Acute Kidney Injury.” *Oxidative Medicine and Cellular Longevity* 2016 (2016): 9707292. *PMC*. Web. 14 May 2018. (cited 2018 Mei 14) available from : <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5107229/>
45. Ukamaka Anwuchaepe, Amarachukwu & Ahamefule Onyegbule, Felix & Ajaghaku, Daniel & Nwafor, Felix & Basden, Festus & Okoye, C. (2017). Evaluation of the in vivo antioxidant, toxicological and chromatographical profiling of leaf extract and fractions of *Crescentia cujete* Linn. (Bignoniaceae). *Asian Pacific Journal of Health Sciences*. 4. 27-35. 10.21276/apjhs.2017.4.3.8. (Cited 2018 mei 14) available from : https://www.researchgate.net/publication/319058389_Evaluation_of_the_in_vivo_antioxidant_toxicological_and_chromatographical_profiling_of_leaf_extract_and_fractions_of_Crescentia_cujete_Linn_Bignoniaceae