

DAFTAR PUSTAKA

- Agra A. 2017. Pengaruh pemberian vitamin C terhadap jumlah total leukosit pada mencit (*Mus musculus*) yang dipapar asap rokok. Skripsi. Fakultas Kedokteran Universitas Andalas.
- Asma S, Song Y, Cohen J, Eriksen M, Pechacek T, Cohen N, *et al.* 2014. CDC grand rounds: Global tobacco control. *MMWR*, 63(13): 277-80.
- Badan Penelitian dan Pengembangan Kesehatan. 2013. Riset Kesehatan Dasar (Riskesdas 2013). Jakarta: Kementerian Kesehatan Republik Indonesia, pp 171-172.
- Baratawidjaja dan Rengganis. 2014. *Imunologi Dasar*. Ed 11. Jakarta: Badan Penerbit Fakultas Kedokteran Universitas Indonesia, pp 217-283.
- Barrita and Sanchez. 2013. Antioxidant role of ascorbic acid and his protective effects on chronic disease, oxidative stress and chronic degenerative diseases. Dalam: González JAM (ed). *Oxidative stress and chronic degenerative diseases-A role for antioxidants*. [Cited 2016 30 July]. Available from: "<http://www.intechopen.com/books/oxidative-stress-and-chronic-degenerative-diseases-a-role-for-antioxidants/antioxidant-role-of-ascorbic-acid-and-his-protective-effects-on-chronic-diseases>".
- Birben E, Sahiner UM, Sackesen C, Erzurum S, Kalayci O. 2011. Oxidative stress and antioxidant defense. *World Allergy Organ J*, 5(1): 9-19.
- Center for Disease Control and Prevention (CDC). 2015. Global Tobacco Surveillance System Data (GTSS Data). [Cited 2016 29 May]. Available from: "<https://nccd.cdc.gov/gtssdata/Ancillary/Documentation.aspx?SUID=4DOCT=1>".
- Charan and Kantharia. 2013. How to calculate sample size in animal studies? *J Pharmacol Pharmacother*, 4(4): 303-306.
- Charles River. 2012. BALB/C mouse hematology-Charles River Laboratories. [Cited 2017 14 March]. Available from: "http://www.criver.com/files/pdfs/rms/balbc/rm_rm_r_balb-c_mouse_clinical_pathology_data.aspx".
- Chen X, Touyz RM, Park JB, Schiffrin EL. 2001. Antioxidants effect of vitamin C and E are associated with altered activation of vascular NADPH oxidase and superoxide dismutase in stroke-prone SHR. *Hypertension*, 38: 606-611.
- Chen Y, Luo G, Yuan J, Wang Y, Yang X, Wang X, *et al.* 2014. Vitamin C mitigates oxidative stress and tumor necrosis factor-alpha in severe

community-acquired pneumonia and LPS-induced macrophage. *Mediators Inflamm*, 2014.

D'Hulst AI, Vermaelen KY, Brusselle GG, Joos GF, Pauwels RA. 2005. Time course of cigarette smoke-induced pulmonary inflammation mice. *Eur Respir J*, 26: 204-213.

Dewoto HR. 2012. Vitamin dan mineral. Dalam: Gunawan SG, Setiabudy R, Nafrialdi & Elysabeth (eds). *Farmakologi dan terapi*. Ed 5. Jakarta: Departemen Farmakologi dan Terapeutik Fakultas Kedokteran Universitas Indonesia, pp 777-779.

Dinasya F. 2011. Efek jus tomat terhadap kadar bilirubin total tikus wistar yang leukositosis setelah diberi paparan asap rokok. Skripsi. Fakultas Kedokteran Universitas Diponegoro.

Doeing DC, Borowicz JL, Crockett ET. 2003. Gender dimorphism in differential peripheral blood leukocyte counts in mice using cardiac, tail, foot, and saphenous vein puncture methods. *BMC Clin Pathol* 2003(3): 3.

Eroschenko VP. 2015. Atlas histologi dengan korelasi fungsional. Ed 11. Jakarta: Penerbit Buku Kedokteran EGC, pp 105-115.

Farbstein D, Blickstein AK, Levy AP. 2010. Antioxidant vitamins and their use in preventing cardiovascular disease. *Molecules*, 2010(15): 8098-8110.

Faux SP, Tail T, Thorne D, Xu Y, Breheny D, Gaca M. 2009. The role of oxidative stress in the biological responses of lung epithelial cells to cigarette smoke. *Biomarkers*, 14(S1): 90-96.

Freund M. 2011. Heckner atlas hematologi praktikum hematologi dengan mikroskop. Ed 11. Jakarta: Penerbit Buku Kedokteran EGC, pp 24-25.

Gandasoebrata R. 2007. *Penuntun laboratorium klinik*. Ed 13. Jakarta: Penerbit Dian Rakyat, pp 72.

Guyton dan Hall. 2013. *Buku ajar fisiologi kedokteran*. Ed 12. Jakarta: Penerbit Buku Kedokteran EGC, pp 450-458.

He ZH, Chen P, Chen Y, He SD, Ye JR, Zhang HL, *et al.* 2015. Comparison between cigarette smoke-induced emphysema and cigarette smoke extract-induced emphysema. *Tob Induc Dis*, 13(1): 6.

Heijink IH, Pouwels SD, Leijendekker C, de Bruin HG, Zijlstra GJ, van der Vaart H, *et al.* 2015. Cigarette smoke-induced damage-associated molecular pattern release from necrotic neutrophils triggers proinflammatory mediator release. *Am J Respir Cell Mol Biol*, 52(5): 554-562

- Higuchi T, Omata F, Tsuchihashi K, Higashioka K, Koyamada R, Okada S. 2016. Current cigarette smoking is a reversible cause of elevated white blood cell count: Cross-sectional and longitudinal studies. *J Prev Med Rep*, 4: 417-422.
- Hoffbrand and Moss. 2016. Hoffbrand's essential haematology. 7th ed. Chichester: Wiley-Blackwell.
- Ismiyati M. 2009. Efek antioksidan vitamin C terhadap tikus (*Rattus norvegicus* L) jantan akibat paparan asap rokok. Tesis. Sekolah Pascasarjana Institut Pertanian Bogor.
- Jacob and Sotoudeh. 2002. Vitamin C function and status in chronic disease. *J Nutr Clin Care*, 5(2): 66-74.
- Jha and Zatonski. 2005. Smoking and premature mortality: Reflections on the contributions of sir richard doll. *CMAJ*, 173(5): 476-477.
- Karim ZA, Alshbool FZ, Vemana HP, Adhami N, Dhall S, Espinosa EV (2015). Third-hand smoke: Impact on hemostasis and thrombogenesis. *J Cardiovasc Pharmacol*, 66(2): 177-182.
- Lakshmi AS, Lakshmanan A, Kumar GP, Saravanan A. 2014. Effect of intensity of cigarette smoking on haematological and lipid parameters. *J Clin Diagn Res*, 8(7): BC11-BC13.
- Laurence and Bacharach. 1964. Evaluation of drug activities: Pharmacometrics. London: Academic Press, pp 125.
- Lee J, Taneja V, Vassalo R. 2012. Cigarette smoking and inflammation: Cellular and molecular mechanisms. *J Rent Des*, 91(2): 142-149.
- Lieberman and Marks. 2012. Mark's basic medical biochemistry: A clinical approach. 4th ed. Baltimore, USA : Lippincott Williams & Wilkins, pp 449-450.
- Mayo Clinic. 2013. Drugs and supplements: Vitamin C (ascorbic acid). [Cited 2016 19 December]. Available from: "<http://www.mayoclinic.org/drugs-supplements/vitamin-c/dosing/hrb-20060322>".
- Mellidou I, Keulemans J, Kanellis AK, Davey MW. 2012. Regulation of fruit ascorbic acid concentrations during ripening in high and low vitamin C tomato cultivars. *BMC Plant Biol*, 12: 239.
- Mescher AL. 2011. Histologi dasar Junquiera. Ed 12. Jakarta: Penerbit Buku Kedokteran EGC, pp 200-206.

- Middlekauff HR, Park J, Moheimani RS. 2014. Adverse effect of cigarette and noncigarette smoke exposure on the autonomic nervous system: Mechanisms and implications for cardiovascular risk. *J Am Coll Cardiol*, 64(16): 1740-1750.
- Nair and Ghosh. 2013. The myriad effects of cigarette smoke. *JTH*, 11: 387-388.
- National Academy of Sciences. 2000. Dietary reference intakes for vitamin C, vitamin E, selenium, and carotenoids. Washington DC, USA: National Academy Press.
- National Institute of Health (NIH). 2016. Vitamin C: Fact sheet for health professionals. [Cited 2016 12 June]. Available from: “<https://ods.od.nih.gov/factsheets/VitaminC-HealthProfessional/>”.
- Nemzek JA, Bolgos GL, Williams BA, Remick DG. 2001. Differences in normal values for murine white blood cell counts and other hematological parameters based on sampling sites. *Inflamm Res*, 50: 523-527.
- Novus Biologicals. 2011. CD11b expression, leukocyte adhesion and the innate immune system. [Cited 2017 14 March]. Available from: “<https://www.novusbio.com/antibody-news/antibodies/cd11b-expression-and-the-innate-immune-system>”.
- Padayatty SJ, Katz A, Wang Y, Eck PP, Kwon O, Lee JH, *et al.* 2003. Vitamin C as an antioxidant: Evaluation of its role in disease prevention. *J Am Coll Nutr*, 22(1), 18-35.
- Pane IPS 2011. Perbandingan pH dan aktivitas enzimamilase air liur pada perokok filter dan non filter dikalangan penarik becak motor di kota Medan tahun 2011. Skripsi. Fakultas Kedokteran Universitas Sumatera Utara.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 28. 2013. Pencantuman peringatan kesehatan dan informasi kesehatan pada kemasan produk tembakau. Jakarta: Presiden Republik Indonesia.
- Percival M. 1998. Antioxidants. *J Clin Nutr Insights*, 1998: 1-4.
- Price dan Wilson. 2006. Patofisiologi: Konsep klinis proses-proses penyakit vol 1. Ed 6. Jakarta: Penerbit Buku Kedokteran EGC, pp 247-253, 268-270.
- Rayment SJ, Shaw J, Woollard KJ, Lunec J, Griffiths HR. 2003. Vitamin C supplementation in normal subjects reduces constitutive ICAM-1 expression. *Biochem Biophys Res Commun*, 308: 339-345.

- Riyatno I. 2013. Perbedaan jumlah eosinofil, neutrofil sputum, dan volume ekspirasi paksa detik pertama akibat pemberian vitamin C pada asma. Tesis. Pascasarjana Biomedik Universitas Sebelas Maret.
- Schnell MA, Hardy C, Hawley M, Propert KJ, Wilson JM. 2002. Effect of blood collection technique in mice on clinical pathology parameters. *Hum Gene Ther* 13: 155-162.
- Schwartz and Weiss. 1994. Cigarette smoking and peripheral blood leukocyte differentials. *AEP*, 4(3): 236-242.
- Sherwood L. 2014. Fisiologi manusia dari sel ke sistem. Ed 8. Jakarta: Penerbit Buku Kedokteran EGC, pp 428-433.
- Sholihah dan Widodo. 2008. Pembentukan radikal bebas akibat gangguan ritme sirkadian dan paparan debu batubara. *J Kes Ling*, 4(2): 89-100.
- Shrikant and Hamid. 2015. Antioxidant level in the seminal plasma of human subjects with different fertility potential. *NJPPP*, 6(1): 93-96.
- Sibbald B. 2003. Smoking's morbidity toll estimated in US. *CMAJ*: 169(10): 1067.
- Simatupang RJ. 2011. Gambaran pengetahuan siswa/siswi kelas XI IPA di SMA Santo Thomas 2 Medan tentang vitamin C. Tesis. Fakultas Kedokteran Universitas Sumatera Utara.
- Sopori M. 2002. Effects of cigarette smoke on the immune system. *J Nat Rev Immunol*, 2(5): 372-377.
- Suryani AI. 2011. Efek jus tomat terhadap jumlah total leukosit dan neutrofil tikus wistar yang leukositosis setelah diberi paparan asap rokok. Skripsi. Fakultas Kedokteran Universitas Diponegoro.
- Suryohudoyo P. 1993. Oksidan, Antioksidan dan Radikal Bebas. Surabaya, Indonesia: Laboratorium Biokimia Fakultas Kedokteran Universitas Airlangga.
- The Tobacco Atlas (TTA). 2014. Top 10 Cigarette Consuming Countries, 2014. [Cited 2016 30 May]. Available from: "<http://www.tobaccoatlas.org/topic/cigarette-use-globally/>".
- Van deer Vaart H, Postma DS, Timens W, ten Hacken NHT. 2004. Acute effects of cigarette smoke on inflammation and oxidative stress: A review. *Thorax*, 59(8): 713-721.

Vukomanovic P, Jokanovic M, Radosavljevic Z. 2011. The effects of tobacco smoke generated from cigarettes exposed to pulse electromagnetic field in the rat. *AJPP*, 5(6): 726-730.

World Health Organization (WHO). 2015. Country profiles on implementation of the WHO Framework Convention on tobacco control in the WHO South-East Asia. [Cited 2016 28 May]. Available from: "http://www.searo.who.int/tobacco/documents/tfi_country_profiles_20pdf?ua=1".

_____. 2016. WHO report on the Global Tobacco Epidemic: Fact sheets on tobacco, June 2016. [Cited 2016 28 May]. Available from: "<http://www.who.int/mediacentre/factsheets/fs339/en/>".

Yuniharilmy D. 2011. Efek vitamin E terhadap jumlah total leukosit dan neutrofil tikus wistar yang leukositosis setelah diberi paparan asap rokok. Skripsi. Fakultas Kedokteran Universitas Diponegoro.

