

DAFTAR PUSTAKA

1. Collins LR, Schneid TD. Chemical hazards. *Physical Hazards of the Workplace*. 2020. 203–210 p.
2. Nurmayanti D, Purwoko D. *Kimia Lingkungan*. Vol. 1999, Badan Pengembangan dan Pemberdayaan Sumber Daya Manusia Kesehatan. Kementerian Kesehatan Republik Indonesia; 2017. 1–2 p.
3. Tchounwou PB, Yedjou CG, Patlolla AK, Sutton DJ. Molecular, clinical and environmental toxicology Volume 3: *Environmental Toxicology*. *Mol Clin Environ Toxicol* [Internet]. 2012;101:133–64. Available from: <http://link.springer.com/10.1007/978-3-7643-8340-4>
4. A third of the world's children poisoned by lead, new groundbreaking analysis says [Internet]. UNICEF. 2020 [cited 2022 Feb 14]. Available from: <https://www.unicef.org/indonesia/press-releases/third-worlds-children-poisoned-lead-new-groundbreaking-analysis-says>
5. Gidlow DA. Lead toxicity. *Occup Med (Chic Ill)*. 2015;65(5):348–56.
6. Martines SA, Latief M, Rahman H. Analisis Logam Timbal (Pb) pada Lipstik yang Beredar di Kecamatan Pasar Jambi. 2018;5(2):69–75.
7. Sinaga FA. Stress Oksidatif dan Status Antioksidan pada Aktivitas Fisik Maksimal. *Gener KAMPUS*. 2016;9(2):125–69.
8. Kisaoglu A, Borekci B, Yapca OE, Bilen H, Suleyman H. Tissue damage and oxidant/antioxidant balance. *Eurasian J Med*. 2013;45(1):47–9.
9. Saxena T, Arya A, Rathore AJ, Rajak N, Naz S, Shah R. GGT and SGPT - A rising marker in diagnosis of non-alcoholic fatty liver disease. *Biomed Pharmacol J*. 2014;7(1):277–80.
10. Zarwin AO, Rita RS. Efek Proteksi Pemberian Ekstrak Daun Jamblang (*Syzygium cumini*) pada Tikus yang Diinduksi Timbal Asetat. *J Ilmu Kesehat Indones*. 2020;1(2):228–33.
11. Rita RS, Sy E. *Syzygium Cumini* Leaves Extract from West Sumatra Indonesia Alleviate Oxidative Stress by Decreasing Malondialdehyde Level and Enhancing Catalase Activity in Rat Induced by Lead Acetate. 2021;13(6):1408–12.
12. Rusiani E, Junaidi S, Subiyono HS, Sumartiningsih S. Suplementasi Vitamin C dan E untuk Menurunkan Stres Oksidatif Setelah Melakukan Aktivitas Fisik Maksimal. *Media Ilmu Keolahragaan Indones*. 2019;9(2):32–7.
13. Arifuddin A, Asri A, Elmatris E. Efek Pemberian Vitamin C terhadap Gambaran Histopatologi Hati Tikus Wistar yang Terpapar Timbal Asetat. *J Kesehat Andalas*. 2016;5(1):215–20.
14. Rahayu M, Solihat MF. *Toksikologi Klinik*. 2018.

15. Yanti NMSW. Gambaran Kadar Timbal dalam Darah Petugas Operator Spbu 54.801.45. Karya Tulis Ilmiah, Politek Kesehat Denpasar Jur Teknol Lab Medis. 2021;2:1–26.
16. Sriyono FDAA. Analisis Uptake dan Depurasi Logam Timbal (Pb) dan Kromium (Cr) Terhadap Ikan Nila (*Oreochromis niloticus*) Menggunakan Air Terkontaminasi. 2019;5–20.
17. Agency for Toxic Substances and Disease Registry. Lead (Pb) Toxicity: What is Lead? [Internet]. Environmental Medicine. 2017 [cited 2022 Jul 10]. p. 10–2. Available from: <https://www.techtargot.com/searchcustomerexperience/definition/lead-scoring>
18. IARC Working Group. World Health Organization International Agency for Research on Cancer IARC Monographs on The Evaluation of Carcinogenic Risks to Humans. 2006;87.
19. Wani AL, Ara A, Usmani JA. Lead toxicity : a review. 2015;8(2):55–64.
20. Ghanwat GH, Patil AJ, Patil JA, Kshirsagar MS, Sontakke A, Ayachit RK. Biochemical effects of lead exposure on oxidative stress and antioxidant status of battery manufacturing workers of Western Maharashtra, India. J Basic Clin Physiol Pharmacol. 2016;27(2):141–6.
21. Chang W-J, Joe K-T, Park H-Y, Jeong J-D, Lee D-H. The Relationship of Liver Function Tests to Mixed Exposure to Lead and Organic Solvents. Ann Occup Environ Med. 2013;25(1):5.
22. Haouas Z, Sallem A, Zidi I, Hichri H, Mzali I, Mehdi M. Hepatotoxic Effects of Lead Acetate in Rats : Histopathological and Cytotoxic Studies. 2014;5(5).
23. Zhang C, Wang N, Xu Y, Tan HY, Li S, Feng Y. Molecular Mechanisms Involved in Oxidative Stress-Associated Liver Injury Induced by Chinese Herbal Medicine: An Experimental Evidence-Based Literature Review and Network Pharmacology Study. Int J Mol Sci. 2018;19(9).
24. Can S, Bağcı C, Ozaslan M, Bozkurt AI, Cengiz B, Çakmak EA, et al. Occupational lead exposure effect on liver functions and biochemical parameters. Acta Physiol Hung. 2008;95(4):395–403.
25. Patra RC, Rautray AK, Swarup D. Oxidative stress in lead and cadmium toxicity and its amelioration. Vet Med Int. 2011;2011.
26. Carolina A, Lopes BA, Peixe TS, Mesas AE, Paoliello MMB. Lead Exposure and Oxidative Stress : A Systematic Review. Vol. 236. 2016. 228 p.
27. Dobrakowski M, Pawlas N, Kasperczyk A, Kozłowska A, Olewińska E, Machoń-Grecka A, et al. Oxidative DNA damage and oxidative stress in lead-exposed workers. Hum Exp Toxicol. 2017;36(7):744–54.
28. Trefts E, Gannon M, Wasserman DH. The liver. 2018;27(21).

29. Ellis H. Anatomy of the liver. *Surgery*. 2011;29(12):589–92.
30. Akuyam SA, Uchenna OK, Adamu A, Aliyu IS, Mai A, Dawotola DA, et al. Liver function tests profile in cancer patients on cytotoxic chemotherapy: a preliminary report. *Niger Postgrad Med J*. 2011;18(1):34–33.
31. Watson A. Liver function tests (LFTs). *Aust Fam Physician*. 2000;29(1):17.
32. Kasarala G, Tillmann HL. Standard liver tests. *Clin Liver Dis*. 2016;8(1):13–8.
33. Huang XJ, Choi YK, Im HS, Yarimaga O, Yoon E, Kim HS. Aspartate aminotransferase (AST/GOT) and alanine aminotransferase (ALT/GPT) detection techniques. *Sensors*. 2006;6(7):756–82.
34. Liu Z, Que S, Xu J, Peng T. Alanine Aminotransferase-Old Biomarker and New Concept : A Review. 2014;11.
35. Giannini EG, Testa R, Savarino V. Liver enzyme alteration: a guide for clinicians. 2005;172(3):367–79.
36. Kang HS, Um SH, Seo YS, An H, Lee KG, Hyun JJ, et al. Healthy range for serum ALT and the clinical significance of “unhealthy” normal ALT levels in the Korean population. *J Gastroenterol Hepatol*. 2011;26(2):292–9.
37. Maynard RL, Downes N. *Anatomy and Histology of The Laboratory Rat in Toxicology and Biomedical Research*. Elsevier; 2019. 2–5 p.
38. Tucker MJ. *Diseases Of The Wistar Rat*. Taylor & Francis; 2003.
39. Stephens J. *Lobund-Wistar Rat* [Internet]. National Cancer Institute. 2001 [cited 2022 Mar 16]. Available from: <https://visualsonline.cancer.gov/details.cfm?imageid=2568%0A>
40. Hau J, Schapiro SJ. *Handbook of Laboratory Animal Science Third Edition*. Taylor & Francis; 2011.
41. Nurhalisa S, Ibrahim I, Paerah IAP. Formulasi Kapsul Daun Dan Biji Jamblang (*Syzygium cumini* L.) Sebagai Antioksidan Alami Dari Desa Pallantikang Kabupaten Maros. *J Med Utama*. 2021;2(2):711–20.
42. Rosannah AF. Taksonomi dan Distribusi Jamblang (*Syzygium Cumini* (L) Skeels). 2014;(L).
43. Swami SB, Thakor NSJ, Patil MM, Haldankar PM. Jamun (*Syzygium cumini* (L .)): A Review of Its Food and Medicinal Uses. 2012;2012(August):1100–17.
44. Silalahi M. Jamblang (*Syzygium Cumini* (L.) Dan Bioaktivitasnya. *Interes J Ilmu Kesehat*. 2018;7(2):127–36.
45. Subramanian R, Ramaraj J. Profile of bioactive compounds in *Syzygium*

cumini – a review Profile of bioactive compounds in *Syzygium cumini* – a review. 2014;(June).

46. Anjali V, Sindhu G, Girish C. Indian Journal of Pharmaceutical and Biological Research (IJPBR) A review on pharmacology and phytochemistry of *syzygium cumini*. 2017;5(4):24–8.
47. Kumar R, Ramamurthy V, Sharma G. Checklist of insects associated with Jamun (*Syzygium cumini* Skeels) from India. Biol Forum — An Int J [Internet]. 2010;2(1):1–5. Available from: <http://researchtrend.net/tas21/1/RAJESH.pdf>
48. Jadhav VM, Kamble SS, Kadam VJ. Herbal medicine: *Syzygium cumini* :A Review. J Pharm Res [Internet]. 2009;2(8):1212–9. Available from: <http://search.ebscohost.com/login.aspx?direct=true&db=aph&AN=43935496&site=ehost-live>
49. Ahmad N, Nawab M, Kazmi MH. Medicinal Potential of Jamun (*Syzygium cumini* Linn): A Review. J Drug Deliv Ther. 2019;9(5):175–80.
50. Marliani L, Kusriani H, Sari NI, Sari I. Aktivitas antioksidan daun dan buah jambang (*Syzygium cumini* L.) skeel. Pros SNaPPSains, Teknol. 2014;4(1):201–6.
51. Silalahi M. Jambang (*Syzygium cumini* (L.) dan Bioaktivitasnya. Universitas Kristen Indonesia; 2018.
52. Widyastuti, Hilaliyati N, Rahmi SIN. Potensi Ekstrak Buah Jambu Jambang (*Syzygium cumini*) Sebagai Antioksidan dan Tabir Surya. 2021;4(1):112–9.
53. Ayyanar M, Subash-Babu P. *Syzygium cumini* (L.) Skeels: A review of its phytochemical constituents and traditional uses. Asian Pac J Trop Biomed. 2012;2(3):240–6.
54. Septiani R, Marianne M, Nainggolan M. Uji Aktivitas Antioksidan Ekstrak Etanol Fraksi N-Heksan Serta Fraksi Etil Asetat Daun Jambang (*Syzygium Cumini* L. Skeels) Dengan Metode Dpph. Talent Conf Ser Trop Med. 2018;1(2):361–6.
55. Ayu Nirmala Sari. Potensi Anti Oksidan Alami pada Ekstrak Daun Jambang (*Syzygium cumini* (L.) Skeels). Pap Knowl Towar a Media Hist Doc. 2017;18(2).
56. Michels AJ, Frei B. Vitamin C [1]. Adv Nutr. 2014;177(4055):1152.
57. Margaret E, Shailaja AM, Rao VV. Evaluation of Antioxidant Activity in Different Parts of *Syzygium cumini* (Linn.). IntJCurrMicrobiolAppSci. 2015;4(9):372–9.
58. Chowdhury MS, Ahmed A, Hoque MR, Rahman A, Saied SUH, Ealahe HMHK. Determination of Amount of Vitamin C (Ascorbic Acid) from Supplied Drug by Using Iodometric Titration. Dep Pharm Int Islam Univ

- Chittagong [Internet]. 2016;1(4):1–7. Available from: https://www.researchgate.net/publication/297438049_Determination_of_a_mount_of_Vitamin_C_Ascorbic_Acid_from_supplied_commercial_tablets_by_using_Iodometric_titration
59. Carr AC, Maggini S. Vitamin C and immune function. *Nutrients*. 2017;9(11):1–25.
 60. National Center for Biotechnology Information. Ascorbic Acid [Internet]. PubChem. 2022 [cited 2022 May 16]. Available from: <http://www.riss.kr/link?id=A18725041>
 61. Sari R. Penetapan Kadar Vitamin C dan Turunannya dalam Universitas Indonesia Fakultas Matematika dan Ilmu Pengetahuan Alam. 2010;
 62. Komang BH, Ida AMSA, I Wayan M. Perbedaan kadar vitamin c pada brokoli (. *Medotory (The J Med Lab*. 2018;2(2):62–8.
 63. Kartini S, Susilawati PE. *Metabolisme Vitamin*. Univ Halu Oleo. 2015;
 64. Pehlivan FE. *Vitamin C: An Antioxidant Agent Chapter*. 2018;(2016):267–322.
 65. Minarsih R. Penentuan Kadar Vitamin C dalam Minuman Sari Buah Jeruk Kemasan Menggunakan Metode Spektrofotometri Dan Titrimetri Renganpereaksi 2,6-Dikloflorofenolindofenol. *Univ Islam Indones*. 2004;
 66. Okolonkwo BN, Nwachuku EO. The antioxidant effects of vitamin C on liver enzymes: aspartate aminotransferase, alanine aminotranferease, alkaline phosphatase and gamma-glutamyltransferase activities in rats under Paraquat insult. *J Xenobiotics*. 2013;3(1):5.
 67. Elmatris, Kadri H, Yerizel E. Efek Pemberian Vitamin C Terhadap Aktifitas Katalase Hati Tikus Galur Wistar yang Terpapar Ion Pb. *J Kesehat Andalas*. 2015;4(1):279–85.
 68. Sudigdo S, Sofyan I. *Dasar-Dasar Metodologi Penelitian Klinis Edisi 5*. Jakarta: Sagung Seto;2014.
 69. Diagnostic System. ASAT (GOT) FS (IFCC mod.). *Dia Sys*. 2019.
 70. Diagnostic System. ALAT (GPT) FS (IFCC mod.). *Dia Sys*. 2019.
 71. Nijveldt RJ, Els van Nood DE van H, Boelens PG, Norren K van, Leeuwen PA van. Flavonoids : a review of probable mechanisms of action and potential applications. *Am J Clin Nutr*. 2001;74(4):418–25.
 72. Nayila I. Effect of Ascorbic Acid Supplementation on Liver Function Tests in Hepatitis C Patients. *Open J Intern Med* 2020. 2020;10(3):263–79.