

## DAFTAR PUSTAKA

1. Gupta B, Gupta S, Chaudhary M, Raj AT, Awan KH, Patil S. Oral *Candida* prevalence and species specificity in leprosy. *Disease-a-Month*. 2019;10(5):1–15.
2. Gerós-Mesquita Â, Carvalho-Pereira J, Franco-Duarte R, Alves A, Gerós H, Pais C, et al. Oral *Candida albicans* colonization in healthy individuals: prevalence, genotypic diversity, stability along time and transmissibility. *J Oral Microbiol*. 2020;12(1):1–9.
3. Thiyahuddin NM, Lamping E, Rich AM, Cannon RD. Yeast species in the oral cavities of older people: a comparison between people living in their own homes and those in rest homes. *J Fungi*. 2019;5(2):1–10.
4. Hernawati S. Relationship between nutrition deficiency, oral cavity hygiene, and oral candidiasis in a 10-years-old child. *Heal Notions*. 2019;3(10):414–8.
5. Dehghan P, Mohammadi F, Javaheri MR, Nekoeian S. Identification of *Candida* species in the oral cavity of diabetic patients. *Curr Med Mycol*. 2016;2(2):1–7.
6. Glick M. *Burket's oral medicine*. 12<sup>th</sup> Ed. Connecticut: People's Medical Publishing House; 2015. p.39–40
7. Lyu X, Zhao C, Yan Z, Hua H. Efficacy of nystatin for the treatment of oral candidiasis: a systematic review and meta-analysis. *Drug Des Devel Ther*. 2016;10:1161–71.
8. Badan Pusat Statistik. Produksi tanaman buah-buahan [Internet]. Badan Pusat Statistik. 2021 [cited 2021 Oct 12]. Available from: <https://bps.go.id/indicator/55/62/1/produksi-tanaman-buah-buahan.html>
9. Rodrigues S, Silva E de O, Brito ES de, editors. *Exotic fruits reference guide*. London: Elsevier Inc.; 2018. p.279–83
10. Fadhilah K, Wahyuono S, Astuti P. A sesquiterpene aldehyde isolated from ethyl acetate extract of *Lansium domesticum* fruit peel. *Indones J Pharm*. 2021;32(3):394–8.
11. Darmadi, Sumitra DP, Setiawan SE. Senyawa metabolit sekunder ekstrak kulit duku (*Lansium domesticum* Corr) sebagai pedikulosida alami. *Pros Semin Nas Fis Univ Riau ke-3*. 2018;83–6.
12. Ragasa CY, Labrador P, Rideout JA. Antimicrobial terpenoids from *Lansium domesticum*. *Philipp Agric Sci*. 2006;89(1):101–5.
13. Klungsupya P, Suthepakul N, Muangman T, Rerk-Am U, Thongdon-A. J. Determination of free radical scavenging, antioxidative DNA damage activities and phytochemical components of active fractions from *Lansium domesticum* Corr. fruit. *Nutrients*. 2015;7(8):6852–73.
14. Salim M. Karakterisasi simplisia dan ekstrak kulit buah duku (*Lansium domesticum* Corr) dari provinsi Sumatera Selatan dan Jambi. *J Kefarmasian Indones*. 2016;6(2):117–28.

15. Marfori EC, Kajiyama SI, Fukusaki E-I, Kobayashi A. Lansioside D, a new triterpenoid glycoside antibiotic from the fruit peel of *Lansium domesticum* Correa. *J Pharmacogn Phytochem*. 2015;3(5):140–3.
16. Sherwin RS, Sacca L. Characterization of plant-derived saponin natural product against *Candida albicans*. *Am J Physiol - Endocrinol Metab*. 2010;10(2):321–32.
17. Chevalier M, Medioni E, Prêcheur I. Inhibition of *Candida albicans* yeast-hyphal transition and biofilm formation by *Solidago virgaurea* water extracts. *J Med Microbiol*. 2012;61:1016–22.
18. Teodoro GR, Ellepola K, Seneviratne CJ, Koga-Ito CY. Potential use of phenolic acids as anti-*Candida* agents: a review. *Front Microbiol*. 2015;6:1–11.
19. Nazzaro F, Fratianni F, Coppola R, De Feo V. Essential oils and antifungal activity. *Pharmaceuticals*. 2017;10(4):1–20.
20. Zore GB, Thakre AD, Jadhav S, Karuppayil SM. Terpenoids inhibit *Candida albicans* growth by affecting membrane integrity and arrest of cell cycle. *Phytomedicine*. 2011;18(13):1181–90.
21. Aboody MS Al, Mickymaray S. Anti-fungal efficacy and mechanisms of flavonoids. *Antibiotics*. 2020;9(2):1–42.
22. Darmadi, Dewi AP, Yunus MK. Pengaruh ekstrak kulit duku terhadap *Candida albicans* sebagai penyebab keputihan pada wanita. *Prosiding 2<sup>th</sup> Calsitech-UMRI; Sep 2017; Pekanbaru. Pekanbaru: LP2M-UMRI; 2017. p. 51–4.*
23. Khozimeh F, Mohammadpour M, Taghian M, Naemy V. A comparative study of *Candida albicans* mean colony counts and blood group antigens in the saliva of healthy subjects. *Dent Res J (Isfahan)*. 2014;11(2):240–3.
24. Menezes R de P, Borges AS, de Araujo LB, Pedroso R dos S, Röder DVD de B. Related factors for colonization by *Candida* species in the oral cavity of HIV-infected individuals. *Rev Inst Med Trop Sao Paulo*. 2015;57(5):413–9.
25. Chouhan S, Kallianpur S, K Prabhu T, Tijare M, Kasetty S, Gupta S. Candidal prevalence in diabetics and its species identification. *Int J Appl Basic Med Res*. 2019;9:49–54.
26. Mayanti T. Kandungan kimia dan bioaktivitas tanaman duku. Vol. 4, *Bioteknologi*. Bandung: Unpad Press; 2009.
27. Prasad R, editor. *Candida albicans: cellular and molecular biology*. 2<sup>nd</sup> ed. Cham: Springer International Publishing; 2017. p.41–6
28. Mutiawati VK. Pemeriksaan mikrobiologi pada *Candida albicans*. *J Kedokt Syiah Kuala*. 2016;16(1):53–63.
29. Duzgunes N. *Medical microbiology and immunology for dentistry*. Chicago: Quintessence Publishing Co, Inc; 2016. p.169–171
30. Samaranayake L. *Essential microbiology for dentistry*. 5<sup>th</sup> Ed. New York; 2018. p.187–9
31. Marsh PD, Lewis MA, Rogers H, Williams DW, Wilson M. Marsh and Martin's oral microbiology. 6<sup>th</sup> Ed. New York: Elsevier; 2016. p.176–8

32. Hameed AR, Ali SM, Ahmed LT. Biological study of *Candida* species and virulence factor. *Int J Adv Res Eng Technol*. 2018;1(4):8–17.
33. Merenstein D, Hu H, Wang C, Hamilton P, Blackmon M, Chen H, et al. Colonization by *Candida* species of the oral and vaginal mucosa in HIV-infected and noninfected women. *AIDS Res Hum Retroviruses*. 2013;29(1):30–4.
34. da Silva-Rocha WP, Lemos VLDB, Svidizisnki TIE, Milan EP, Chaves GM. *Candida* species distribution, genotyping and virulence factors of *Candida albicans* isolated from the oral cavity of kidney transplant recipients of two geographic regions of Brazil. *BMC Oral Health*. 2014;14(20):1–9.
35. Hakim L, Ramadhian MR. Kandidiasis oral. Majority. 2015;4(9):53–7.
36. Patil S, Rao RS, Majumdar B, Anil S. Clinical appearance of oral *Candida* infection and therapeutic strategies. *Front Microbiol*. 2015;6(1391):1–10.
37. Vila T, Sultan AS, Montelongo-Jauregui D, Jabra-Rizk MA. Oral candidiasis: a disease of opportunity. *J Fungi*. 2020;6(1):1–28.
38. Hasan S, Kuldeep. Denture stomatitis: a literature review. *J Orofac Heal Sci*. 2015;6(2):65–9.
39. Scully C. Oral and maxillofacial medicine: the basis of diagnosis and treatment. 3<sup>rd</sup> ed. London: Churchill Livingstone; 2013. p.223.
40. Shafiei M, Peyton L, Hashemzadeh M, Foroumadi A. History of the development of antifungal azoles: a review on structures, SAR, and mechanism of action. *Bioorg Chem*. 2020;104:1–21.
41. Dowd FJ, Johnson BS, Mariotti AJ. Pharmacology and therapeutics for dentistry. 7<sup>th</sup> Ed. St. Louis: Elsevier; 2017. p.429–36
42. Hussein HS, Dheeb BI, Hamada TA. Studying the *Candida* resistance and sensitivity for some antifungals. *J Biotechnol Res Cent*. 2019;13(2):26–34.
43. Whaley SG, Berkow EL, Rybak JM, Nishimoto AT, Barker KS, Rogers PD, et al. Azole antifungal resistance in *Candida albicans* and emerging non-*albicans Candida* species. *Front Microbiol*. 2017;7(2173):1–12.
44. Silva S, Rodrigues CF, Ara D, Rodrigues ME, Henriques M. *Candida* species biofilms' antifungal resistance. *J Fungi*. 2017;3(8):1–17.
45. Rupiah, Hanum L, Negara ZP, Dahlan Z. Morphological diversity of *Lansium domesticum* Corr in South Sumatra. *Sci Technol Indones*. 2018;3(1):41–4.
46. Abubakar AR, Haque M. Preparation of medicinal plants: basic extraction and fractionation procedures for experimental purposes. *J Pharm Bioallied Sci*. 2020;12(1):1–10.
47. Galanakis CM, Goulas V, Tsakona S, Manganaris GA, Gekas V. A knowledge base for the recovery of natural phenols with different solvents. *Int J Food Prop*. 2013;16(2):382–96.
48. Mugford ST, Osbourn A. Saponin Synthesis and Function. In: *Isoprenoid Synthesis in Plants and Microorganisms: New Concepts and Experimental Approaches*. 2013. p. 405–24.
49. Ismail NIM, Chua LS. Solvent partition for terpenoid rich fraction from crude extract of *Eurycoma longifolia*. *Adv Eng Res*. 2020;200:62–7.

50. Pinho P, Ferreira O. Solubility of flavonoids in pure and mixed solvents. *Ind Eng Chem Res.* 2012;51(18):6586–90.
51. Ngo T Van, Scarlett CJ, Bowyer MC, Ngo PD, Vuong Q Van. Impact of different extraction solvents on bioactive compounds and antioxidant capacity from the root of *Salacia chinensis* L. *J Food Qual.* 2017;2017:1–8.
52. Yuliana P, Laconi E, Wina E, Jayanegara A. Extraction of tannins and saponins from plant sources and their effects on in vitro methanogenesis and rumen fermentation. *J Indones Trop Anim Agric.* 2014;39(2):91–7.
53. Mandal SC, Mandal V, Das AK. *Essentials of botanical extraction: principles and applications.* London: Elsevier; 2015.
54. Darmadi D, Pradhasumitra D, Setiawan SE. Efektivitas ekstrak kulit duku (*Lansium domesticum* Corr) terhadap morfolitas *Pedikulus humanus capitis* sebagai penyebab pedikulosis pada anak. *J Pharm Sci.* 2018;1(2):10–9.
55. Fadhilah K, Wahyuono S, Astuti P. A bioactive compound isolated from Duku (*Lansium domesticum* Corr.) fruit peels exhibits cytotoxicity against T47D cell line. *Indonesian J Pharm.* 2021;9(3):1–11.
56. Elgharbawy AAM, Samsudin N, Benbelgacem FF, Hashim YZHY, Salleh HM, Santhanam J. Phytochemicals with antifungal properties: cure from nature. *Malays J Microbiol.* 2020;16(4):323–45.
57. Seleem D, Pardi V, Mendonça R. Review of flavonoids: a diverse group of natural compounds with anti-*Candida albicans* activity in vitro. *Arch Oral Biol.* 2017;76:76–83.
58. Fait ME, Bakas L, Garrote GL, Morcelle SR, Saparrat MCN. Cationic surfactants as antifungal agents. *Appl Microbiol Biotechnol.* 2019;103(1):97–112.
59. Konuk HB, Ergüden B. Phenolic –OH group is crucial for the antifungal activity of terpenoids via disruption of cell membrane integrity. *Folia Microbiol (Praha).* 2020;65(4):775–83.
60. Wahyuningrum MR, Probosari E. Pengaruh pemberian buah pepaya (*Carica papaya* L.) terhadap kadar trigliserida pada tikus *Sprague Dawley* dengan hiperkolesterolemia. *J Nutr Coll.* 2012;1(1):192–8.
61. Balouiri M, Sadiki M, Ibsouda SK. Methods for in vitro evaluating antimicrobial activity: a review. *J Pharm Anal.* 2016;6(2):71–9.
62. Sumarni NK, Hasanuddi A, Nuryanti S, Hutumo GS. Isolation and characterization of terpenoid compounds ethanol extract on young coconut coir (*Cocos nucifera* L). *Int J Sci Technol Res.* 2020;9(2):5622–5.
63. Sinurat JP, Br Karo RM, Berutu R. Socialization of analysis of total terpenoids from *Maniltoa grandiflora* (a. Gray) *Scheff* leaves using TLC methods. *J Pengmas Kestra.* 2021;1(1):97–100.
64. Fiana FM, Kiromah NZW, Purwanti E. Aktivitas antibakteri ekstrak etanol daun sukun (*Artocarpus altilis*) terhadap bakteri *Staphylococcus aureus* dan *Escherichia coli*. *Pharmacon J Farm Indones.* 2020;10–20.
65. Smita KM, Abraham LS, Sunitha S, Vasantharaja R, Thirugnanasambandam R. Extraction and correlation of total phenolic and flavonoid contents in seaweeds collected from Rameshwaram during pre- and post- monsoon period using different solvent systems with their

- antioxidant activity. *Indian J Geo-Marine Sci.* 2022;51(5):432–48.
66. Liu T, Zhu W, Huang J, Chen H, Nie R, Li C. Comparison of the nutritional as well as the volatile composition of in-season and off-season Hezuo 903 tomato at red stage. *Eur Food Res Technol.* 2017;243(2):203–14.
  67. Luliana S, Purwanti NU, Manihuruk KN. Pengaruh cara pengeringan simplisia daun senggani (*Melastoma malabathricum* L.) terhadap aktivitas antioksidan menggunakan metode DPPH (2,2-difenil-1-pikrilhidrazil). *Pharm Sci Res.* 2016;3(3):120–9.
  68. Warnis M, Aprilina LA, Maryanti L. Pengaruh suhu pengeringan simplisia terhadap kadar flavonoid total pada ekstrak daun kelor (*Moringa oleifera* L.). *Prosiding Seminar Nasional Kahuripan I; 24 Okt 2020; Kediri. Kediri: SNapan; 2020. p. 265–8.*
  69. Kusuma IGNS, Putra INK, Darmayanti LPT. Pengaruh suhu pengeringan terhadap aktivitas antioksidan teh herbal kulit kakao (*Theobroma cacao* L.). *J Ilmu dan Teknol Pangan.* 2019;8(1):85–93.
  70. Suhendra CP, Widarta IWR, Wiadnyani A AIS. Pengaruh konsentrasi etanol terhadap aktivitas antioksidan ekstrak rimpang ilalang (*Imperata cylindrica* (L) Beauv.) pada ekstraksi menggunakan gelombang ultrasonik. *J Ilmu dan Teknol Pangan.* 2019;8(1):27–35.
  71. Rasoanaivo P, Wright CW, Willcox ML, Gilbert B. Whole plant extracts versus single compounds for the treatment of malaria: synergy and positive interactions. *Malar J.* 2011;10(SUPPL. 1):1–12.
  72. Tamokou J de D, Simo Mpetga DJ, Keilah Lunga P, Tene M, Tane P, Kuate JR. Antioxidant and antimicrobial activities of ethyl acetate extract, fractions and compounds from stem bark of *Albizia adianthifolia* (Mimosoideae). *BMC Complement Altern Med.* 2012;12(99):1–10.