DAFTAR PUSTAKA

1. Penesyan A, Gillings M, Paulsen IT. Antibiotic Discovery: Combatting Bacterial Resistance in Cells and in Biofilm Communities. Molecules. 2015;20:5286–98.

2. Homenta H. Infeksi Biofilm Bakterial. J e-biomedik. 2016;4(1):1–11.

3. Beenken KE, Dunman PM, Mcaleese F, Macapagal D, Murphy E, Projan SJ, Blevins JS, Smeltzer MS. Global Gene Expression in *Staphylococcus aureus* Biofilms. J Bacteriol. 2004;186(14):4665–84.

4. Fitri A, Agung UK, Meika DJ, Farmasi F, Perikanan DF, Kelautan I. Skrining Antibakteri Produk Ekstrasel Eksosimbion Bakteri Laut pada Makroalga terhadap Biofilm *Staphylococcus aureus* ATCC 25923. J Akuatika. 2015;6(2):128–39.

5. Stenstrom R, Grafstein E, Romney M, Fahimi J, Harris D, Hunte G, Innes G, Christenson J. Prevalence of and Risk Factors for Methicillin Resistant *Staphylococcus aureus* Skin and Soft Tissue Infection in a Canadian Emergency Department. Can J Emerg Med. 2009;11(5):430–8.

6. Archer NK, Mazaitis MJ, William Costerton J, Leid JG, Powers ME, Shirtliff ME. *Staphylococcus aureus* Biofilms: Properties, Regulation and Roles in Human Disease. Virulence. 2011;2(5):445–59.

7. Morita Y, Tomida J, Kawamura Y. Responses of *Pseudomonas aeruginosa* to Antimicrobials. Front Microbiol. 2014;4(422):1–8.

8. Maric S, Vranes J. Characteristics and Significance of Microbial Biofilm Formation. Period Biol. 2007;109(2):1–7.

9. Kolanjinathan K, Saranraj P. Pharmacological Activity of Mangrove Medicinal Plants Against Pathogenic Bacteria and Fungi. An Int J.

2015;8(1):1–15.

10. Ramasubburayan R, Prakash S, Iyapparaj P, Sumathi S, Thaddaeus BJ, Palavesam A, Immanuel G. Investigation on antibacterial , antifungal and cytotoxic properties of chosen mangroves. Indian J Geo-Marine Sci. 2015;44(11):1769–77.

11. Bose S, Bose A. Antimicrobial Activity of *Acanthus ilicifolius* (L.). Indian J Pharm Sci. 2008;70(6):821–3.

12. Ganesh S, J.J. Vennila. Screening for Antimicrobial Activity in *Acanthus ilicifolius*. Arch Appl Sci Res. 2010;2(5):311–5.

13. Thirunavukkarasu P, Ramanathan T, Ramkumar L. Hemolytic and Anti Microbial Effect in the Leaves of *Acanthus Ilicifolius*. J Pharmacol Toxicol. 2011;6(2):196–200.

14. Rudiyanto A. Jeruju, Jerujon (Acanthus ilicifolius L.) [Internet]. Biodiversity warriors. 2016 [cited 2019 Jul 9]. Available from: https://biodiversitywarriors.org/m/isi-katalog.php?idk=5394

15. Puspayanti NM, Tellu HAT, Suleman SM. Jenis-Jenis Tumbuhan Mangrove di Desa Lebo Kecamatan Parigi Mautong dan Pengembangannya sebagai Media Pembelajaran. e-Jipbiol. 2013;1:1–9.

16. Rony Irawanto, Ariyanti EE, Hendrian R. Jeruju (*Acanthus ilicifolius*): Biji, Perkecambahan dan Potensinya. Pros Sem Nas Masy Biodiv Indon. 2015;1(5):1011–8.

17. Ramanathan T, Saranya A, Ramanathan T, Kesavanarayanan KS, Adam A. Traditional Medicinal Uses, Chemical Constituents and Biological Activities of a Mangrove Plant, *Acanthus ilicifolius* Linn. : A Brief Review. Am J Agric Environ Sci. 2015;15(2):243–50.

18. Gayathri GA, Mahalingam G, Nathiya R. Quantitative Phytochemical

Analysis, In Vitro Reducing Power and Anti-Oxidant Activity of Methanol Leaf Extract of *Acanthus ilicifolius*. Int J Pharmacogn Phytochem Res. 2014;7(1):181–6.

19. Huang M, Zhong L, Wang F, Liu Q, Zhang Y. Chemical Constituents from The Roots of *Acanthus ilicifolius* var . xiamenensis. Biochem Syst Ecol. 2014;55:145–7.

20. Muharni, Elfita, Hidayati S. Isolasi Triterpenoid dari Akar Tumbuhan Jeruju (*Acanthus ilicifolius* Linn). J Penelit Sains. 2002;(11):8–13.

21. Bandaranayake W. Bioactivities, Bioactive No Conflict of Interests. Compounds and Chemical Constituents of Mangrove Plants. Wetl Ecol Manag. 2002;10:421–52.

22. Babu BH, Shylesh BS, Padikkala J. Tumour reducing and anticarcinogenic activity of *Acanthus ilicifolius* in mice. 2002;79:27–33.

23. Paul T, Ramasubbu S. The antioxidant , anticancer and anticoagulant activities of *Acanthus ilicifolius* L . roots and *Lumnitzera racemosa* Willd . leaves , from southeast coast of India. 2017;7(03):81–7.

24. Liu L, Fan H, Qi P, Mei Y, Zhou L, Cai L, Lin X, Lin J. Synthesis and hepatoprotective properties of *Acanthus ilicifolius* alkaloid A and its derivatives. 2013;796–802.

25. Senthil Kumar KTM, Puia Z, Samanta SK, Barik R, Dutta A, Gorain B, Roy DK, Adhikari D, Karmakar S, Sen T. The Gastroprotective Role of *Acanthus ilicifolius* - A Study to Unravel the Underlying Mechanism of Anti-Ulcer Activity. Sci Pharm. 2012;80(3):701–17.

26. Senthil Kumar KTM, Gorain B, Roy DK, Zothanpuia, Samanta SK, Pal M, Biswas P, Roy A, Adhikari D, Karmakar S, Sen T. Anti-Inflammatory Activity of *Acanthus ilicifolius*. J Ethnopharmacol. 2008;120(1):7–12.

27. Husori DI, Sumardi, Tarigan H, Gemasih S, Ningsih SR. In Vitro Anthelmintic Activity of *Acanthus ilicifolius* Leaves Extracts on Ascardia galli and Pheretima posthuma. J Appl Pharm Sci. 2018;8(2):164–7.

28. Ahmed M, Sultana T, Azam M, Rahmatullah M. A Preliminary Antihyperglycemic and Antinociceptive Activity Evaluation of A Mangrove Species *Acanthus ilicifolius* L. Leaves in Mice. Asian J Tradit Med. 2014;9(6):143–9.

29. Venkataiah G, Ahmed MI, Reddy DS, Rejeena M. Anti-diaetic Activity of *Acanthus ilicifolius* Root Extract in Alloxan Induce Diabetic Rats. Indo Am J Pharm Res. 2013;3(11).

30. Kenneth T. Todar's Online textbook of bacteriology. Bacterial Protein Toxins. 2011.

31. Staf pengajar Fakultas Kedokteran Universitas Indonesia. Buku Ajar Mikrobiologi Kedokteran Edisi Revisi. Jakarta: Binarupa Aksara; 2009.

32. Misnadiarly, Djajaningrat H. Mikrobiologi untuk Klinik dan Laboratorium. Jakarta: PT Rineka Cipta; 2014.

33. Pratiwi S. Anti-microbial and Anti-biofilm Compounds from Indonesian Medicinal Plants. Universiteit Leiden; 2015.

34. Strateva T, Yordanov D. *Pseudomonas aeruginosa* – A Phenomenon of Bacterial Resistance. J Med Microbiol. 2009;58(2009):1133–48.

35. MacGowan A, MacNaughton E. Antibiotic Resistance. Cell. 2017;172(5):1136–1136.

36. Kapoor G, Saigal S, Ashok Elongavan. Action an Resistance Mechanism of Antibiotics. J Anaesthesiol Clin Pharmacol. 2017;33(3):300–5.

37. A G, O'Toole, A.Pratt L, I.Watnick P, K.Newman D, B.Weaver V, Kolter

R. Genetic Approaches to Study of Biofilms. Methods Enzymol. 1999;310(6):91–109.

38. O'Toole GA. Microtiter Dish Biofilm Formation Assay. J Vis Exp. 2011;1–2.

39. Mathur T, Singhal S, Khan S, Upadhyay D, Fatma T, Rattan A. Detection of Biofilm Formation Among The Clinical Isolates of Staphylococci: An Evaluation of Three Different Screening Methods. Indian J Med Microbiol. 2006;24(1):25–9.

40. Ranura N. Karakteristik Simplisia dan Ekstrak Daun Jeruju (*Acanthus ilicifolius L.*). Universitas Andalas; 2019.

41. Fadlila WN, Yuliawati KM, Syafnir L. Identifikasi Senyawa Aktif Antibakteri dengan Metode Bioautografi KLT terhadap Ekstrak Etanol Tangkai Daun Talas (*Colocasia esculenta* (L.) Schott). Prosiding Penelitian SPeSIA Unisba. 2015.

42. Tortora GJ, Funke BR, Case CL. Microbiology: An Introduction Eleventh Edition. 11th ed. Volker K, editor. New York: Pearson; 2013.

43. Biologicals D. McFarland Standard for invitro use only. 2014.

44. Yuliandari R. Uji Aktivitas Antibiofilm Sari Buah Belimbing Wuluh (*Averrhoa bilimbi* L) terhadap Biofilm *Pseudomonas aeruginosa* Secara In Vitro. UIN Syarif Hidayatullah; 2015.

45. Chaerunisa R. Pengujian Aktivitas Penghancuran Biofilm *Staphylococcus aureus* Oleh Seduhan Daun Teh Putih (*Camellia sinensis* (L .) Kuntze). UIN Syarif Hidayatullah; 2015.

46. Merritt JH, Kadouri DE, Toole GAO. Growing and Analyzing Static Biofilms. Curr Protoc Microbiol. 2011;(August):1–18.

47. Shukla SK, Rao TS. An Improved Crystal Violet Assay for Biofilm Quantification in 96-Well Microtitre Plate. 2017;1–10.

48. Artini M, Patsilinakos A, Papa R, Bazovic M, Sabatino M, Garzoli S, Vrenna G, Tilotta M, Pepi F, Ragno R, Selan L. Antimicrobial and Antibiofilm Activity and Machine Learning Classification Analysis of Essential Oils from Different Mediterranean Plants against *Pseudomonas aeruginosa*. Molecules. 2018;23(482).

49. Lee JH, Park JH, Cho HS, Joo SW, Cho MH, LEE J. Anti-biofilm Activities of Quercetin and Tannic Acid Against *Staphylococcus aureus* Biofouling. J Bioadhesion Biofilm Res. 2013;29(5).

50. Hidayah WW, Kusrini D, Fachriyah E. Isolasi, Identifikasi Senyawa Steroid dari Daun GetihGetihan (*Rivina humilis* L.) dan Uji Aktivitas sebagai Antibakteri. J Kim Sains dan Apl. 2016;19(1):32–7.

51. Zimmer KR, Macedo AJ, Giordani RB, Conceição JM, Nicastro GG, Boechat AL, Baldini RL, Abraham W, Termignoni C. A Steroidal Molecule Present in The Egg Wax of The Tick Rhipicephalus (Boophilus) Microplus Inhibits Bacterial Biofilms. Enviromental Microbiol. 2013;15(7).