

## DAFTAR PUSTAKA

1. Utami, E.R., *Antibiotika, Resistensi, dan Rasionalitas Terapi*. Saintis, 2012. **1**(1).
2. Bellinger, E.G.a.S., D.C, *Freshwater Algae: Identification, Enumeration and Use as Bioindicators*. Wiley Blackwell, 2015.
3. Safafar, H., Wagenen, J., Meller P. and Jacobsen C, *Carotenoids, Phenolic Compounds and Tocopherols Contribute to the Antioxidative Properties of Some Microalgae Species Grown on Industrial Wastewater*. *Marine Drugs*, 2015. **13**: p. 7339-7356.
4. Chauhan U.K. and Pathak, N., *Effect of different Conditions on the Production of Chlorophyll by Spirulina platensis*. *J. Algal Biomass Utln*, 2010. **1**(4): p. 89-99.
5. Laungsuwon, R.a.C., Warawut, *Antioxidant and Anticancer Activities of Freshwater Green Algae, Cladophora glomerata and Microspora floccosa, from Nan River in Northern Thailand* Maejo International Journal of Science and Technology, 2013. **7**(02): p. 181-188.
6. Helena M. Amaro, A.C.G., and F. Xavier Malcata, *Antimicrobial Activities of Microalgae: an Invited Review*. *Science Against Microbial Pathogens: current research and technological advances*, 2011: p. 1272-1280.
7. Pratiwi, S.T., *Mikrobiologi Farmasi*. 2008, Jakarta: Penerbit Erlangga.
8. Shannon, E.d.A.-G., *Antibacterial Derivatives of marine Algae: An Overview of Pharmacological Mechanisms and Applications*. *Marine Drugs*, 2016. **14**(81).
9. Mason, C., Edward, KR, Carlson, RE, Pignatello, J, Gleason, FK and Wood JM, *Isolation of Chlorine-containing Antibiotic from the Freshwater Cyanobacterium Scytonema hofmanni*. *Science*, 1982. **215**(4531): p. 400-402.
10. Foteini Kokou, P.M., Maroudio Kentouri, and Pascal Divanach, *Antibacterial Activity in Microalgae Culture*. *Aquaculture Research*, 2012. **43**: p. 1520-1527.
11. D. Susanty, K.O.-H., Y. Yamaguchi, K. Tanaka, S. Yoshida, A. Dharma, E. Munaf, and M. Koketsu, *Isolation, Identification and Fatty Acid Analysis of Microalgae from West Sumatera, Indonesia*. *J. Algal Biomass Utln*, 2013. **4**(4): p. 7-13.
12. R. L. Amza, A.D., E. Munaf, K. Oh-Hashi, Y. Yamaguchi, K. Tanaka, S. Yoshida, and M. Koketsu *Screening, Identification and Fatty Acid Composition: Analysis of Mercury Resistance Microalgae from Freshwater Pond in Kuranji, Padang, West Sumatera, Indonesia*. *RJPBCS*, 2013. **4**(4): p. 1392.
13. Selvarajan, R., Felfoldi, T, Tauber, Tamas, Sanniyasi, Elumalai, *Screening and Evaluation of Some Green Algal Strains (Chlorophyceae) Isolated from Freshwater and Soda Lakes for Biofuel Production*. *Energies*, 2015. **8**: p. 7502-7521.
14. Yang X, L.P., Hao Z, Shi J and Zhang S, *Characterization and Identification of Freshwater Microalgal Strain Toward Biofuel Production*. *BioResources*, 2012. **7**(1): p. 686-695.
15. Madhumathi V, D.P., Jeyachandran S, Manoharan C and Vijayakumar S, *Antimicrobial Activity of Cyanobacteria Isolated from Freshwater Lake*. *International Journal of Microbiological Research*, 2011. **2**(3): p. 213-216.
16. Mutanda, T., *Biotechnological Applications of Microalgae; Biodiesel and Value-Added Products*. Introduction, ed. F. Bux. 2013, Boca Raton: CRC Press by Taylor & Francis Group.
17. Pelczar, M.J., *Dasar-dasar Mikrobiologi*, T.I. Ratna S. H, S. Sutarmi Tjitrosomo, dan Sri Lestari A., Editor. 1986, Penerbit UI-Press: Jakarta.

18. Sigeo, E.G.B.a.D.C., *Freshwater Algae; Identification and Use as Bioindicators*. 2010: JohnWiley & Sons, Ltd.
19. Gualtieri, L.B.d.P., *Algae ; Anatomy, Biochemistry, and Biotechnology*. 2006, Boca Raton: CRC Press Taylor & Francis Group.
20. Levy, M., *Plant, Algae, and Fungi*. 2008: Encyclopedia Britannica, Inc.
21. Raposo, M.F.d.M.a.A.M.B.d.M., *Bioactivity and Applications of Sulphate Polysaccharides from Marine Microalgae*. Mar Drugs, 2013. **2**(1).
22. Creswell, L., *Phytoplankton Culture for Aquaculture Feed*. SRAC, 2010: p. 13.
23. Rameshprabu Ramaraj, D.D.-W.T., dan Paris Honglay Chen, *Algae Growth in Natural Water Resources*. Journal of Soil and Water Conservation, 2010. **42**: p. 439-450.
24. Subhasha Nigam, M.P.R., and Rupali Sharma, *Effect of Nitrogen on Growth and Lipid Content of Chlorella pyrenoidosa* American Journal of Biochemistry and Biotechnology, 2011. **7**(3): p. 124-129.
25. Thompson, P.A., *Algal Cell Culture*. Biothechnology. **1**.
26. Teresa M. Mata, A.A.M., and Nidia S. Caetano, *Microalgae for biodiesel production and other applications: A review*. Elsevier. Renewable and Sustainable Energy Reviews, 2010. **14**(217-232).
27. Capelli, B.a.C., G.R, *Potential Health Benefits of Spirulina Microalgae*. Nutra Foods, 2010. **9**(2): p. 19-26.
28. West M. Bishop, H.M.Z., *Evaluation of Microalgae for use as Nutraceuticals and Nutritional Supplements*. Journal Nutrition & Food Sciences, 2012. **2**(5): p. 147.
29. Bajpai, V.K., *Antimicrobial Bioactive Compounds from Marine algae: A mini review*. Indian Journal of Geo-Marine Sciences, 2016. **45**(9): p. 1076-1085.
30. Kasinathan T., v.D., Pachiappn P., and Savarimuthu I., *Antimicrobial Activity of Trichodesmium erythraeum (Ehr) (Microalga) from South East Coast of Tamil Nadu, India*. International Journal of Integrative Biology, 2009. **5**(3): p. 167.
31. Shabudeen Syed, A.A., and Indhumathi Ponnuswamy, *The Uses of Chlorellae vulgaris as Antimicrobial Agent and as a Diet: the Presence of Bio-active Compounds which caterse Vitamins, Minerals in General* International Journal of Bio-Science and Bio-Technology, 2015. **7**: p. 5.
32. Ghaidaa H. Abd, N.H.Z., and Merthad A.S, *The Effect of Same Extracted Compounds from the Algae Oscillatoria tenius Against Pathogenic Bacteria*. JPSI, 2015. **4**(1): p. 36.
33. Azza M. abd El-Aty, A.A.M., and Farag A. Samhan, *In vitro Antioxidant and Antibacterial Activities of Two Fresh Water Cyanobacterial Spesies, Oscillatoria agardhii and Anabaena sphaerica*. Journal of Applied Pharmaceutical Science, 2014. **4**(07): p. 069-075.
34. Jawetz, M., dan Adelberg's, *Mikrobiologi Kedokteran in Medical Microbiology*, K. Eddy Mudihardi, Eddy Bagus Warito, Ni Made Mertaniasih, Setio Harsono, dan Lindawati.A, Editor. 2005, Penerbit Salemba Medika: Jakarta.
35. *Buku Ajar Mikrobiologi Kedokteran*, S.P.F.K.U. Indonesia, Editor. 1994, Penerbit Binarupa Aksara: Jakarta.
36. Sani R.N, N.F.C., Andriani R.D danMaligan J.M, *Analisis Rendemen dan Skrining Fitokimia Ekstrak Etanol Mikroalga laut Tetraselmis chuii*. Jurnal Pangan dan Agroindustri, 2014. **2**(2): p. 121-126.
37. Nishanthi Rajendran, K.S.B., Sobana P.P, V. Logeswari, Kathiresan E, Tamilselvi A, and John V.S, *Phytochemicals, Antimicrobial and Antioxidant Screening from Five Different Marine Microalgae* Journal of Chemical and Pharmaceutical Sciences, 2014(2): p. 78.



38. Najdenski H.M, G.L.G., Iliev I.I, Pilarski P.M, *Antibacterial and Antifungal Activities of Selected Microalgae and Cyanobacteria*. International Journal of food Science & Technology, 2013. **48**: p. 1533-1540.
39. Duong V.T, L.Y., Nowak E and Schenk P.M, *Microalgae Isolation and Selection for Prospective Biodiesel Production*. Energies, 2012. **5**: p. 1835-1849.
40. Vuuren, S.J., Taylor J., Ginkel C., and Gerber A. , *Easy Identification of the Most Common Freshwater Algae*. 2006: School of Environmental Sciences and Development: Botany North-West University (Potchefstroom Campus).
41. Partensky, F., Hess, W.R. and Vaultot D., *Prochlorococcus, a Marine Photosynthetic Prokaryote of Global Significance*. Microbiology and Molecular Biology Reviews, 1999. **63**(1): p. 106-127.
42. D.J., G.R.a.R., *The Pigments of Prochlorococcus marinus: The Presence of Divinyl Chlorophyll a and b in a Marine Prokaryote*. Limnol. Oceanorg., 1992. **37**(2): p. 425-433.
43. Gantar, M., Simovic, D., Djilas, S., Gonzzales, W.W., Miksovska, J., *Isolation, Characterization and Antioxidative Activity of C-phycoerythrin from Limnospira sp. strain 37-2-1*. J. Biothechnol, 2012. **159**(1-2): p. 21-26.
44. Sekatresna, W., Dharma, A., Zein, R., Chaidir, Z *Identification of Blue-Green Algae Uncultured Oscillatoria sp IPOME-4 Isolated from Local Industri Effluent with the Potential as B-Carotene Feedstock*. Der Pharma Chemica, 2016. **8**(12): p. 110-117.
45. Sonneberg, R., Nolte, Arne W and Tautz, Diethard, *An Evaluation of LSU rDNA D1-D2 Sequences for Their Use in Spesies Identification*. Frontiers in Zoology, 2007: p. 1 of 12.
46. Soylu, E.N.d.G., A, *Morphological and 18S rRNA analysis of coccoid green algae isolated from lakes of Kizilirmak Delta*. Turk J Biol, 2010. **36**: p. 247-254.
47. Bhagavathy S, S.d.B.J.S., *Green Algae Chlorococcum humicola a New Source of Bioactive Compounds with Antimicrobial Activity*. Elsevier. Asian Pacific Journal of Tropical Biomedicine, 2011: p. S1-S7.
48. Chaitra, K.W.a.C.J.B., *Phytochemical Screening and Estimation of Value Added Compounds from Nostoc linckia*. Scholars Academic Journal of Biosciences (SAJB), 2015. **3**(9): p. 762-765.
49. Lamb, T.P.T.C.d.A.J., *Review: Antimicrobial Activity of Flavonoids*. Elsevier, International Journal of Antimicrobial Agents, 2005. **26**: p. 343-356.
50. Pattanaik B, L.P., *Review: Terpenoids and Their Biosynthesis in Cyanobacteria*. Life 2015. **5**: p. 269-293.
51. Wang, X., Ort, D.R., Yuan, J.S., *Photosynthetic terpene hydrocarbon production for fuels and chemicals*. Plant Biotechnology Journal, 2015. **13**: p. 137-146.
52. Patel, e.a., *M100-S24 Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Fourth Informational Supplement*. Clinical and Laboratory Standars Insitute, 2014. **34**(1).
53. Nguyen F, S.A.L., Arenz S, Sohmen D, Donhofer A and Wilson D.N, *Tetracycline Antibiotics and Resistance Mechanisms*. Biol. Chem, 2014. **395**(5): p. 559-575.
54. Speer B.S, S.N.B.a.S.A.A., *Bacterial Resistance to Tetracycline: Mechanisms, Transfer, and Clinical Significance*. Clinical Microbiology Review, 1992. **5**(4): p. 387-399.
55. Salem, O., Hoballah E.M., Ghazi, Safia M., Hanna Suzy N, *Antimicrobial Activity of Microalgal Extracts with Special Emphasize on Nostoc sp*. Life Science Journal, 2014. **11**(12).

56. Noaman N.H, F.A., Khaleafa M and Zaky S.H, *Factors Affecting Antimicrobial Activity of Synechococcus Leopoliensis*. Elsevier. Microbiological Research, 2004. **159**: p. 395-402.

