

DAFTAR PUSTAKA

- Ajmal AN, Mir F, Aslam M, Hafeez R, Attique R. Nosocomial *methicillin resistant Staphylococcus aureus* frequency in a tertiary care hospital, Lahore, Pakistan. *Biomedica*. 2009;25(3):97-100.
- Arai M, Sobou M, Vilcheze C, Baughn A, Hashizume H, Pruksakorn P, Ishida S, Matsumoto M, Jacobs WR, Kobayashi M. Halicyclamine A, a marine sponge alkaloid as a lead for antituberculosis agent. *Bioorganic & Medical Chemistry*. 2008;16(7):6731-6736.
- Aulia H, Rasyid W, Hermansyah, Desri A. Kajian Senyawa Anti Tuberkulosis dari Jamur *Candida Sp.* Asal Spon Laut *Haliclona fascigera*. Laporan Akhir Program Kreativitas Mahasiswa; 2015
- Bassett J, Denny RC, Jeffrey GH, Mendham J. Buku Ajar Vogel: Kimia Analisis Kuantitatif Anorganik. Terjemahan oleh A. Hadyana P. dan Setiono L. Jakarta, Indonesia: EGC; 1994
- Birbir M. *Aspergillus versicolor*. Diakses pada 10 Oktober 2017 dari <http://mycota-crcc.mnhn.fr/site/specie.php?idE=98#ancre13>
- Blackburn CL, Faulkner DJ. Adocia sulfate 10 a new merohexaprenoid sulfate from the sponge *Haliclona* (aka *Adocia*) sp. *Tetrahedron*. 2000;56(12):8429-8432.
- Choma IM, Grzelak EM. Bioautographic detection in thin-layer chromatography. *J of Chromatography A*. 2010;195(2):251-256.
- Choma I. The Use of Thin-Layer Chromatography with Direct Bioautography for Antimicrobial Analysis. *LCGC Europe*. Diakses pada 5 Januari 2017 dari <http://www.chromatographyonline.com>.
- Crew P, Rodriguez J, Jaspars M. *Organic Structure Analysis*. New York, USA: Oxford University Press; 1998.
- Derakhshan A, Rabindra RJ, Ramanujam B, Rahimi M. Evaluation of Different Media and Methods of Cultivation on the Production and Viability of Entomopathogenic Fungi, *Verticillium lecanii* (Zimm.) Viages. *Pakistan J of Biological Sciences*. 2008;11(11):1506-1509
- Djamal R. Prinsip-prinsip Dasar Bekerja Dalam Bidang Kimia Bahan Alam. Padang, Indonesia: UNAND press; 1990.
- Domsch KH. *Compendium of Soil Fungi*. Eching, Jerman: IHW-Verlag; 2007.

Ely R, Supriya T, Naik CG. Antimicrobial activity of marine organisms collected off the coast of southeast India. *Journal of experimental marine biology and ecology*. 2004;309(12):121-127.

Flowers AE, Garson MJ, Webb RI, Dumdei EJ, Charan RD. Cellular origin of chlorinated diketopiperazines in the Dictyoceratid sponge *Dysidea herbacea* (Keller). *Cell Tissue Res*. 1998;292(2):597-607.

Gandjar IG, Rohman A. *Kimia Farmasi Analisis*. Yogyakarta, Indonesia: Pustaka Pelajar; 2007.

Ghosh RR, Ray R, Ghosh TK, Ghosh AP. Clinico-mycological Profile Of Dermatophytosis In a Tertiary Care Hospital in West Bengal-An Indian Scenario. *International J. of Current Microbiology and Applied Sciences*. 2014;3(9):2319-2336.

Greshock TJ, Grubbs AW, Jiao P, Wicklow DT, Gloer JT, Williams RM. Isolation, Structure Elucidation, and Biomimetic Total Synthesis of Versicolamide B, and the Isolation of Antipodal (-)-Stephacidin A and (+)-Notoamide B from *Aspergillus versicolor* NRRL 35600. *Angew. Chem*. 2008;120(20):3629-3633

Gritter R, Bobbit J, James M, Schwarting AE. *Introduction to Chromatography*. New York, USA: Holden-Day; 1985

Hadioetomo. *Mikrobiologi Dasar dalam Praktek*. Jakarta, Indonesia: Gramedia; 1990

Handayani D, Sandrawaty N, Murniati M, Regina R. Screening of Endophytic Bacteria Isolated from Marine Sponge *Haliclona fascigera* for Inhibition against Clinical Isolates of *Methicillin Resistant Staphylococcus aureus* (MRSA). *J App Pharm Sci*. 2015;5(9):139-142.

Harborne JB. *Metode Fitokimia*. Bandung, Indonesia: Penerbit ITB; 1987

Harwood MH, Woody CJ. *Experimental Organic Chemistry*. London, Inggris: Blackwell Scientific Publication; 1989

Hendayana S. *Kimia pemisahan*. Bandung, Indonesia: Remaja Rosdakarya; 2006

Huang Z, Nong X, Zhe R, Wang J, Zhang X, Qi S. Anti-HSV-1, antioxidant and antifouling phenolic compounds from the deep-sea-derived fungus *Aspergillus versicolor* SCSIO 41502, *Bioorganic & Medicinal Chemistry Letters*. 2017;27(4):787-791

Jeya M, Thiagarajan S, Lee J, Gunasekaran P. Identification of New GH 10 and GH 11 Xylanase Genes from *Aspergillus versicolor* MKU3 by Genome-

Walking PCR. Biotechnology and Bioprocess Engineering. 2009;14(1):13-19.

Johnston CP, Stokes AK, Ross T. *Staphylococcus aureus* Colonization Among Healthcare Workers at Tertiary Care Hospital. *Infect Control Hosp Epidemiol.* 2007;28(12):1404-1410.

Katzung BG. *Basic and Clinical Pharmacology.* New York, USA: McCraw Hill Companies; 2004

King AM, Sarah AR, Wang W, Dustin TK, Pascale GDP, [Strynadka NC](#), Walsh TR, Coombes BK, Wright GD. [Aspergillomarasmine A overcomes metallo- \$\beta\$ -lactamase antibiotic resistance.](#) *Nature.* 2014;510(7506):503-506.

Kjer J, Debbab A, Aly AH, Proksch P. Methods for Isolation of Marine-derived endophytic fungi and their bioactive Secondary Products. *Nature Protocols.* 2010;5(3):479-490.

Kusumaningtyas E, Astuti E, Darmono. Sensitivitas Metode Bioautografi Kontak dan Agar Overlay dalam Penentuan Senyawa Antikapang. *Jurnal Ilmu Kefarmasian Indonesia,* 2008;6(2):75-79.

Lee YM, Lee YM, Kim MJ, Li H, Zhang P, Bao B, Lee KJ, Jung JH. Marine-Derived *Aspergillus* sp. as a Source of Bioactive Secondary Metabolites. *Marine Biotechnology.* 2013;15: 499–519

Liang Y, Zhao W, Xu J, Miller D. Characterization of two related exoantigens from the biodeteriogenic fungus *Aspergillus versicolor*. *International Biodeterioration & Biodegradation.* 2011;65(1):217–226.

Lokabharathi, Tresa RA, Thomas, Devanand P, Kavlekar, Ponnapanan. Marine drugs from sponge-microbe association. *Mar. Drugs.* 2010;8(9):1417-1468.

Molen KMV, Raja HA, Elimat TE, Oberlies NH. Evaluation of culture media for the production of secondary metabolites in a natural products screening program. *AMB Express a SpringerOpen Journal,* 2013;3(12):71-77.

Nakanishi K, Doi M, Usami Y, Amagata T, Minoura K, Tanaka R, Numata A, Yamada T. Anthcolorins A–F, novel cytotoxic metabolites from a seaurchin-derived *Aspergillus versicolor*, *Tetrahedron.* 2013;69(23):4617-4623

Nistri R. *Haliclona fascigera*. Diakses pada 12 Mei 2016 pada <http://www.alamy.com/stock-photo-purple-tube-or-blue-gray-tube-sponge-haliclona-fascigera-chalinidae-89943381.html>.

- Nurkusuma, D. Faktor yang Berpengaruh Terhadap *Methicillin-Resistant Staphylococcus aureus* (MRSA) pada Kasus Infeksi Luka Pasca Operasi di Ruang Perawatan Bedah Rumah Sakit Dokter Kariadi Semarang. [Tesis]. Semarang: Universitas Diponegoro; 2009
- O'Brien FG, Lim TT, Chong FN, Coombs GW, Enright MC, Robinson DA, Monk A, Said-Salim B, Kreiswirth BN, Grubb WB. Diversity among community isolates of *methicillin-resistant Staphylococcus aureus* in Australia. *J. Clin Microbiol.* 2004;42(7):3185-3190.
- Paz Z, Komon-Zlezowska M, Druzhinina IS, Aveskamp MM, Shnaiderman A, Aluma Y. Diversity and potential antifungal properties of fungi associated with a Mediterranean sponge. *Fung Div.* 2010;42(2):17-26.
- Prihatiningtias W. Senyawa bioaktif Fungi Simbion Akar kuning (*Fibraurea chloroleuca* Miers) sebagai senyawa antimikroba. [Tesis]. Yogyakarta: Universitas Gajah Mada; 2005
- Rachmaniar R. Spons Indonesia Kawasan Timur: Keragaman, Distribusi, Kelimpahan, dan Kandungan Metabolit Sekundernya. *Jurnal Oseanologi dan Limnologi di Indonesia.* 2007;33(1):123-138.
- Rasyid, W. Penapisan Aktivitas Sitotoksik Ekstrak Etil Asetat Jamur Simbion dari Spon Laut *Haliciona fascigera* dengan Metode Brine Shrimp Lethality Test (BSLT). [Skripsi]. Padang: Universitas Andalas; 2015
- Rohman A. Kromatografi untuk Analisis Obat. Yogyakarta, Indonesia: Graha Ilmu; 2009
- Sastrohamidjojo H. Spektrosfotokopi (edisi ke-2). Yogyakarta: Penerbit Liberty; 1991
- Shang Z, Li XM, Li CS, Wang BG. 2012. Diverse Secondary Metabolites Produced by Marine-Derived Fungus *Nigrospora* Sp. MA75 on Various Culture Media. *Chem Biodivers.* 2012;9(12):1338-1348.
- Silverstein RM, Bassler GC, Morrill TC. Spectrometric Identification of Organic Compound (4th edition) Singapore : John Wiley and Sons; 1981
- Skoog DA, Holler FJ, Nieman TA. Principles of Instrumental Analysis (5th edition). Orlando, USA: Hourcourt Brace; 1998
- Suparno. Kajian Bioaktif Spons Laut (Forifera : Demospongiae) Suatu Peluang Alternatif Pemanfaatan Ekosistem Karang Indonesia Dalam Bidang Farmasi. Bogor, Indonesia: IPB Press; 2005

- Suzumura K, Yoko T, Funatsu M, Nayai K, Tanaka K, Zhang K, Suzuki K. YM-266183 and YM-266184, novel thiopeptide antibiotics produced by *Bacillus aureus* isolated from a marine sponge. Structure elucidation. *Journal of Antibiotics*. 2003;56(8):129-134.
- Tolstoy VP, Chernyshova IV, Skryshevsky VA. *Handbook of Infrared Spectroscopy of Ultrathin Films*. New York, USA : John Wiley and Sons publication; 2003
- Valgas C, deSouza SM, Smania EF, Smania A. Screening Method to Determine Antibacterial Activity of Natural Product. *Brazilian Journal of Microbiology*, 2007;34(2):369-380.
- Vasanthabharathi V, Lakshmirayanan R, Jayalakshmi S. Melanin production from marine *Streptomyces*. *African Journal of Biotechnology*, 2011;10(54):11224-11234.
- Waluyo L. *Mikrobiologi Umum*. Malang, Indonesia: Universitas Muhammadiyah Malang Press; 2005
- Wattanadilok R, Sawangwong P, Rodrigues C, Cidade H, Pinto M, Pinto E. Antifungal Activity Evaluation of the Constituent of *Haliclona baeri* and *Haliclona cymaeformis*, Collected from the Gulf of Thailand. *Marine Drugs*. 2007;5(2):40-51.
- Weerdt WH, Van Soest RWM. *Haliclona* (*Halichoelona*) *vanderlandi* Spec. Nov (Porifera: Demospongiae: Haplosclerida) from Indonesia. *Zool. Verh. Leiden*. 2001;33(4): 189-194.
- Zhang Y, Mu J, Feng Y, Kang Y, Zhang J, Gu PJ. Broad-spectrum antimicrobial epiphytic and endophytic fungi from marine organisms: isolation, bioassay and taxonomy. *Mar Drugs*. 2009;7(11):97-112.
- Zhuang Y, Teng X, Wang Y, Liu P, Wang H, Li J, Li G, Zhu W. Cyclopeptides and polyketides from coral-associated fungus *Aspergillus versicolor* LCJ-5-4. *Tetrahedron*. 2011;67(37):7085-7089