## Daftar Pustaka

Abelsohn, A., Gibson, B.L., Sanborn, M.D. and Weir, E. (2002). Identifying and managing adverse environmental health effects: 5. Persistent organic pollutants. *Can. Med. Assoc. J. 166*: 1549-1554.

Agency for Toxic Substances and Disease Registry (ATSDR), 1999, Toxicological profile for Mercury. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Atmojo. 2011. Merkuri (Hg) : Logam Cair Toksik Yang Mematikan, http://www. chemistry35.com/kimialingkungan, Diakses pada tanggal 27 Januari 2017.

Ayu Dwi Ririn,2013, ISOLASI DAN UJI RESISTENSI ANTIBIOTIK BAKTERI. RESISTENSI MERKURI (Hg) DARI KAWASAN PANTAI. LOSARI MAKASSAR, Jurusan Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Hasanuddin Makasar

Babic M and Bonomo RA, 2009. Mutation as a basis of antimicrobial resistance. In Antimicrobial drug resistance mechansms ofdrug resistance clinical and epidemiological aspects (1) pp 65-74

Badjoeri, M., dan Suryono, T. 2002. *Pengaruh Peningkatan Limbah Cair Organik Karbon terhadap Suksesi Bakteri Pembentuk Bioflok dan Kinerja Lumpur Aktif Beraliran Kontinyu*. Jurnal LIMNOTEK, Vol IX no.1

Ban˜o JR, Navarro MD, Romero L,Martínez LM, Muniain MA, Perea EJ, Cano RP, and Pascual A, 2004. Epidemiology and Clinical Features of Infections Caused by Extended-Spectrum Beta-Lactamase-Producing Escherichia coli in Nonhospitalized Patients. JOURNAL OF CLINICAL MICROBIOLOGY, 42(3) p. 1089–94

Barkay, T., S.M. Miller, A.O. Summers. 2003. Bacterial Mercury Resistance from Atoms to Ecosystems. *FEMS Microbiol. Rev.* 27:355-384

Ben AR, Rodriguez BJ., Arslan H., Pitout JD, Quentin C., et al., 2009. A multinational survey of risk factor for infection with extended spectrum beta lactamase-producing enterobacteriaceae in non hospitalized patients. Clin.Infec.Dis. 49. 682-90

.

Bogdanova ES, Bass IA, Minakhin LS, Petrova MA, Mindlin SZ, Volodin AA, Kalyaeva ES, Tiedje JM, Hobman JL, Brown NL, Nikiforov VG.1998, Horisontal Spread of Mer Operons Among Gram-Positive Bacteria in Natural Environments. Microbiology 144: 609 – 620.

Brusch J.L., 2015. Catheter-Related Urinary Tract Infection. Diunduh dari http://emedicine.medscape.com/article/2040035-overview pada tanggal 15 Desember 2016

Brooks., 2008. *Mikrobiologi Kedokteran*. Ed. 23. Jakarta : EGC

Brown, N., Shih, Y., Leang,C., Glendinning, K., Hobman, J & Wilson, J. (2002) Mercury transport and resistance *Biometals*, Internasional Biometals Symposium

Budiarso F, Ottay IR, 2015, ISOLASI DAN IDENTIFIKASI BAKTERI RESISTEN MERKURI DALAM URINE, FESES, DAN KARANG GIGI PADA INDIVIDU DI DAERAH PESISIR PANTAI DESA WINERU KECAMATAN LIKUPANG TIMUR KABUPATEN MINAHASA UTARA, Bagian Ilmu Kedokteran Pencegahan Fakultas Kedokteran Unsrat

Bush K., Jacoby G.A., and Medeiros A.A.,1995. A Functional Classification Scheme for β-Lactamases and Its Correlation with Molecular Structure. ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, , p. 1211-33

Bush K., 2009. The Importance of B Lactamases to the Develoment of New B Lactams. In Antimicrobial Drug Resistance: mechanisms of Drug Resistance, Clinical and Eidemiological Aspect. pp.135-44

Calbo E, Romanı V, Xercavins M, Gomez L, Vidal CG, Quintana S, Vila J, and Garau J, 2006. Risk factors for community-onset urinary tract infections due to Escherichia coli harbouring extended-spectrum b-lactamases. Journal of Antimicrobial Chemotherapy 57 pp780–3

Cantón R, Coque TM, 2006, The CTX-M beta-lactamase pandemic, Servicio de Microbiología, Hospital Ramón y Cajal, 28034-Madrid, Spain.

Cant ón R., Valverde A., Novais A., Baquero F., Coque T., 2007. Evolution and current situation of ESBL. Enferm Infec Microbiol Clin ; 25(S2): 2–10

Castro I., Soares E., Casimiro A., Nogueira G., 1998. Bladder malfunction, urinary tract infection and vesicoureteral reflux in children. Acta Med Port. 11(7):635-42. Diunduh dari https://www.ncbi.nlm.nih.gov/pubmed/9859510 pada 26 Januari 2017

CDC, 2015. E.coli diunduh dari http://www.cdc.gov/ecoli/general/index.html pada 21 Januari 2017

Chojnacka K , 2010, Biosorption and bioaccumulation--the prospects for practical

applications, 36(3):299-307. doi: 10.1016/j.envint.2009.12.001. Epub 2010 Jan 6, Diakses tgl 20 Januari 2017

CLSI M100-S24, 2016. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Fourth Informational Supplement pp.111-2

Danahouses, 2009. Bahaya Logam Berat Bagi Kesehatan, http://danahouses.blogspot.com, Diakses pada tanggal 28 Januari 2017

Daher, V. (1999). No rastro do mercúrio. *Ciênc. Hoje 26*: 46-48.

Depkes RI, 1929, *Farmacope 5,* Jakarta : Depkes RI

Dhillon RHP and Clark J, 2012. ESBLs: A Clear and Present Danger? Critical Care Research and Practice. Diunduh dari https://www.hindawi.com/journals/ccrp/2012/625170/ pada 11 Januari 2017

Dolejska M, Villa L, Hasman H, Hansen L, Carottoli A, 2013. Characterization of IncN plasmids carrying bla$_{CTX-M-1}$ and qnr genes in Escherichia coli and Salmonella fromanimals, the environment, and humans. In J. antimicrobe Chemother. 68 pp.333-9

Djuangsih. 1982. *Aspek Toksikologi Lingkkungan Laporan Analisis Dampak Lingkungan, Lembaga Ekologi* Universitas Padjadjaran. Bandung. Dubreuil, 2002, Biological and Medical Aspects of Electromagnetic Fields, diedit oleh Frank S. Barnes,Ben Greenebaum

Duke, J.A., Mary, J.B.G., Judi, D., Peggy-Ann, K.D, 1929, Prosedur Operasional Baku Uji Toksisitas, Pusat Pemeriksaan Obat dan Makanan Dirjen Pengawasan Obat dan Makanan, Depkes RI, Jakarta.

Drlica K, 2003. The mutant selection window and antimicrobial resistance. J Antimicrob Chemoth 52: 11–17

Dworkin Martin, 2007, The prokaryotes. : Vol. 6, Proteobacteria: gamma subclass a handbook on the biology of bacteria, New York : Springer

Dwyana Saraswati, Fahruddin, 2012, Uji Resistensi Antibiotik pada Bakteri Resisten Merkuri (Hg) yang di Isolasi dari Kawasan Pantai Losari Makassar *Test of Antibiotic Resistance in Bacteria Resistant Mercury (Hg) in Isolation from Makassar Losari Region,* Jurusan Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Hasanuddin

Eslava., *et al*, 2009, Escherichia coli: Pathotypes and Principles of Pathogenesis diedit oleh Michael Donnenberg

Farmasiku, 2012, Antibiotika, http://www.farmasiku.com, Diakses pada tanggal 26 Desember 2016

Figuero L.S.B., Traveso T. G., Luque P.B., González M.D.G., Nieto A.G., Martín T.P., Sagrado M.G., Laita A.D., Castrillón J.L.P., 2012. Epidemiology, Risk Factors and Comorbidity for Urinary Tract Infections Caused by Extended-Spectrum Beta-Lactamase (ESBL) Producing Enterobacteria. Diunduh dari www.medscape.com/viewarticle/769624_print pada 18/5/2016

Fux CA, Stoodley P, Shirtliff M, Costerton JW, 2009. The functional resistance of bacterial biofilm. In Antimicrobial Drug Resistance: mechanisms of Drug Resistance, Clinical and Epidemiological Aspect. pp.121 – 31

Gallo G. dan Puglia A.M., 2014. Antibiotics and Resistance: A Fatal Attraction. Antibiotics: Target, Mechanisms, and Resistance. Wiley VCH Weinheim Germany.pp.73-108.

Gavrilescu. M, 2004, Removal of Heavy Metals from the Environment by Biosorption, Technical Engineering in life Science, 4 (3) : 219-232

Gyles, C.L. dan Fairbrother, J.M. 2004. *Escherichia coli.* Dalam: Gyles, C.L., Prescott, J.E., Songer, J.G., dan Thoen, C.O. *Pathogenesis of Bacterial Infections in Animals*. Blackwell Publishing, State Avenue, Ames, Iowa, USA.

Goldman W. E., Klapper D. G., Baseman J. B., 1982. Detection, isolation, and analysis of a released Bordetella pertussis product toxic to cultured tracheal cells. Infect. Immun. 36 782–794

Harada, M. (1978). Congenital Minamata disease: Intrauterine methylmercury poisoning. *Teratology 18*: 285-288.

Hardjoeno H,. 2007. *Interprestasi hasil tes laboratorium diagnostik*. Hasanuddin University Press (LEPHASS): Makassar

Hawa LC, Susilo B, Jayasari NE. 2011. Studi komparasi inaktivasi Escherichia coli dan perubahan sifat fisik pada pasteurisasi susu sapi segar menggunakan metode pemanasan dan tanpa pemanasan dengan kejut medan listrik. J Teknol Pertanian12:31-39.

Heyns C.F., 2012. Urinary tract infection associated with conditions causing urinary tract obstruction and stasis, excluding urolithiasis and neuropathic bladder. World Journal of Urology 30(1):77–83

Hernandez A, Mellado RP, Martinez JL. 1998. Metal Accumulation and Vanadium-

Induced Multidrug Resistance By Environmental Isolates of Escherichia Hermannii and Enterobacter Cloacae, Campus Universidad Autónoma de Madrid, Cantoblanco : Spain

Hideommi Nakahara, Tomoaki Ishikawa, Yasunaga Sarai, Isamu Kondo, Hiroyuki Kozukue And Susumu Mitsuhashu, 1977, Mercury Resistance and R Plasmids in Escherichia coli Isolated from Clinical Lesions in Japan Chzmotherapy, p. 999-1003, Copyright 0 1977 American Society for Microbiology, Vol. 11, No. 6. Printed in U.S.A, Diakses tgl 10 Januari 2017

Hinonaung Hamonangan Jefry , Bodhi Widdhi, KepelI Billy, 2013, IDENTIFIKASI BAKTERI RESISTEN MERKURI PADA INDIVIDUDI DAERAH PESISIR PANTAI DI DESA BUDOKECAMATAN WORI, Bagian Kimia Fakultas Kedokteran Universitas Sam Ratulangi

Hutagalung. H.P. 1991. Pencemaran Laut Oleh Logam Berat. Puslitbang Oseanologi. Status Pencemaran Laut di Indonesia dan Teknik Pemantauannya. LIPI. Jakarta.

Jawetz, Ernest. 1996. *Mikrobiologi Kedokteran edisi 20.* Jakarta: EGC

Jawetz, Melnick, & Adelberg, 2016, Medical Microbiology, by McGraw-Hill Education, the United State, 27th edition, hal 363 – 394

Johnson, Russell, Lockatell, Zulty, Warren, 1993. Urethral obstruction of 6 hours or less causes bacteriuria, bacteremia, and pyelonephritis in mice challenged with "nonuropathogenic" Escherichia coli. Infect Immun. 61(8):3422-8.

Jones R.N., Baquerob F., Priviterac G., Inoued M., Wiedemanne B., 1997. Inducible β-lactamase-mediated resistance to third-generation cephalosporins. Clinical Microbiology Infection 3(1): S7-S20 diunduh dari http://www.sciencedirect.com/science/article/pii/S1198743X14642488 pada 10 Januari 2017

Jun KI, Koo HL, Kim MK, Kang CK, Kim MJ, Chun SH, Song JS, Kim HS, Kim NJ, Kim EC, et al., 2013. Trends in antibiotic use in a single university hospital. Korean J Nosocomial Infect Control.(18):44–50

Karami N, Nowrouzian F, Adlerberth I, and Wold AE. Tetracycline Resistance in Escherichia coli and Persistence in the Infantile Colonic Microbiota. Antimicrobial Agents and Chemotherapy. 2006; 156–61

Kauffman CA, 2005.Candiduria. CID 41 (Suppl 6) • S371-6, diunduh dari http://cid.oxfordjournals.org/content/41/Supplement_6/S371.full.pdf+ html pada 27 Oktober 2016

K.Ejrnæs, 2011. Bacterial characteristics of importance for recurrent urinary tract infections caused by Escherichia coli. Diunduh dari https://www.ncbi.nlm.nih.gov/pubmed/21466767 pada tanggal 16 Januari 2017

Kristoni. 2010. Identifikasi Bakteri Resisten Merkuri Pada Feses Anak di Desa Talawaan Kecamatan Talawaan Kabupaten Minahasa Utara, Jurnal Penelitian, Universitas Sam Ratulangi : Manado.

Langford, N. and Ferner, R, 1999, Toxicity of mercury. *J. Hum. Hypertens. 13*: 651-656.

Lautenbach E, Patel J.B., Bilker W.B., Edelstein P.H., Fisman N.O., 2001. Extended spectrum beta lactamse producing Escherechia coli and Klebsiella pneumoniae: Risk factor for infection and impact of resistance on outcomes. Clin. Infect. Dis. 32: 1162-71.

*Livermore* DM ,2005,. Minimising antibiotic resistance, Health Protection Agency, London ;5(7):450-9

Madigan M.T. dan Martinko J.M., 2005. *Brock Biology of Microorganisms 11th ed*., Prentice Hall, New Jersey

Menkes RI. 2010. *Peraturan Menteri Kesehatan Republik Indonesia Nomor 1176/MENKES/PER/VIII/2010 Tentang Notifikasi Kosmetika*. Jakarta: Menkes RI. .

Medicastore, 2010. Bahaya Resistensi Antibiotika, http://www.medicastore.com, Diakses pada tanggal 28 Januari 2017.

Misra TK. 1992. Bacterial Resistances to Inorganic Mercury Salt and Organomercurial. Plasmid 25: 4 - 16. Nikaido H. 1996. Multidrug efflux pumpms of gram-negative bacteria. J. Bacteriol. 178: 5853–5859 2003 Mar 31;2(1):92-101.

Mark E. Rupp and Paul D. Fey, 2003, Extended Spectrum β-Lactamase (ESBL) Producing Enterobacteriaceae Considerations for Diagnosis, Prevention and Drug Treatment Department of Internal Medicine, University of Nebraska Medical Center, Omaha, Nebraska, USA, hal 353-365

Merchant, L.A. dan Parker, R.A. 1961. Laboratory Manual for Veterinary Bacteriology. Burgess. Publishing Company. Baltimore.

University Concordia, 2016, Mercury safety guidelines, https://www.concordia.ca/.../EHS-DOC-112_MercuryGuideli.. Diakses tgl 8 Juli 2019 pukul 09,00 WIB.

Misra, T.K., 1992. Bacterial Resistances to Inorganic Mercury Salt and Organomercurial. Plasmid 25: 4 - 16.

Muhldorfer I, Ziebuhr W, and Hacker J, 2001. Escherichia coli in Uinary Tract Infections. In molecular medical biology 2. Pp 1515-40

Mulvey,MR, Christianson S,Bryce E, Simor AE, Boyd D, Agostini MO, Paton S, 2004. Ambler Class A Extended-Spectrum Beta-Lactamase-Producing Escherichia coli and Klebsiella spp. in Canadian Hospitals. In antimicrobial agents and chemotherapy 48(4) pp. 1204–14

Nascimento AM[1], Chartone-Souza E 2003, Operon mer: bacterial resistance to mercury and potential for bioremediation of contaminated environments, PMID:12917805 [Indexed for MEDLINE], https://www.ncbi.nlm.nih.gov/pubmed/12917805, Diakses tgl 28 Januari 2017

Nazir M, 2005. *Metode Penelitian.*Ciawi, Bogor Selatan: Penerbit Ghalia Indonesia. Hal. 63

Nishigaki, S. and Harada, M.,1975, Methylmercury and selenium in umbilical cords of inhabitants of Minamata area. *Nature 258*: 324-325

.

Nugroho W, 2001, Sistem Informasi Akuntansi, Jakarta, Erlangga

Nofiani,Gusrizal. 2004. Bakteri ResistenMerkuri Spektrum Sempit dari Daerah Bekas Penambangan Emas Tanpa Izin(PETI) Mandor, Kalimantan Barat, Jurnal Penelitian, Jurusan KimiaFMIPA (Persiapan) UniversitasTanjungpura :Pontianak.

Nordberg, 1986, Carcinogenic and Mutagenic Metal Compounds 3, Volume 3 diedit oleh Ernest Merian,Giorgio L. Bronzetti,Werner Haerdi

Notoatmodjo, Soekidjo. 2005. *Metodologi Penelitian Kesehatan*. Jakarta: Rineka Cipta.

Osthoff M, McGuinness SL, Wagen AZ, Eisen DP, 2015, Urinary tract infections due to extended-spectrum beta-lactamase producing Gram-negative bacteria: identification of risk factors and outcome predictors in an Australian tertiary referral hospital. International Journal of Infectious Diseases 34 (2015)pp 79–83

Padmavathy Kesavaram, Padma Krishnan, Rajasekaran Sikhamani, 2013, Extended-spectrum b lactamase/AmpC-producing uropathogenic Escherichia coli from HIV patients: do they have a low virulence score?, Chennai, India, Journal of Medical Microbiology, (*Nathisuwan et al*., 2001; Paterson & Bonomo, *2005*).

Palar H.2008. Pencemaran dan Toksikologi Logam Berat. Rinekacipta : Bandung. Republika. 2008.

Prescott, J.E., Songer, J.G., dan Thoen, C.O. *Pathogenesis of Bacterial Infections in Animals*. Blackwell Publishing, State Avenue, Ames, Iowa, USA. 194, 208-211.

Paramythiotou E, Routsi R, 2016. Association between infections caused by multidrugresistant gram-negative bacteria and mortality in critically ill patients. In World J Crit Care Med ; 5(2): 111-20

Purwono A, 2012, Kejadian Infeksi Enterobacteriaceae Penghasil Extenden Spectrum Beta-Lactamase Dan Hubungannya Dengan Penggunaan Antibiotik Pada Pasien ICU RS Ciptomangunkusumo 2011, Jakarta

Permono, Didit. 2010. *Bahaya Merkuri.* (http://tambangsttnas.blogspot.com/2010/02/bahaya-merkuri.html) 11 Februari 2017.

Pusat Informasi Obat Nasional, 2015, Badan POM RI

Rai L. C, Gaur, J. P., Jumar, H. D. (1981). Phycology and heavy-metal pollution. Biol. Rev. 56: 99-151

Rasmussen B ,Ian R.F, Jochen J. Brocks & Matt R. Kilburn, 2008, Reassessing the first appearance of eukaryotes and cyanobacteria, *Nature* **455**, 1101-1104 (23 October 2008) | doi:10.1038/nature07381; Received 13 April 2008; Accepted 28 August 2008, Diakses tgl 15 Januari 2017

Reshes G., Vanounou S., Fishov I., and Feingold M., 2008. Cell Shape Dynamics in Escherichia coli. In Biophys J. 94(1): 251–64. Diunduh dari ttps://www.ncbi.nlm.nih.gov/pmc/articles/PMC2134870/ pada tanggal 16 Oktober 2016

Roi PH, 2009. Genetic mechanisms of transfer of drug resistance. In Antimicrobial Drug Resistance: mechanisms of Drug Resistance, Clinical and Eidemiological Aspect. pp.53-64

Sadowsky I Michael. Whitman L Richard, 2011, Library of Congress Cataloging

in-Publication Data The fecal bacteria, ASM Press American Society for Microbiology 1752 N St. *NW* Washington, DC 20036-2904

Sanz-García M, Fernández-Cruz A, Rodríguez-Créixems M, Cercenado E, Marin M, Muñoz P, Bouza E., Recurrent Escherichia coli bloodstream infections: epidemiology and risk factors. Medicine (Baltimore). 2009 Mar;88(2):77-82. doi: 10.1097/MD.0b013e31819dd0cf, Diakses tgl 11 Januari 2017

Suhendrayatna. 2001. Bioremoval Logam Berat dengan Menggunakan Mikroorganisme Suatu Kajian Kepustakaan. *http://www.istecs.org/publication/Japan/010211suhendrayatna* Diakses pada Tanggal 15 Desember 2016

Sharma LK, Fang H, Liu J, Vartak R, Deng J, Bai Y, (2011) Mitochondrial respiratory complex I dysfunction promotes tumorigenesis through ROS alteration and AKT activation. *Hum Mol Genet* 20(23):4605-16, Diakses tgl 13 Januari 2017

Silver and Phung. 1998. Bacterial Heavy Metal Resistance: New Suprises. Rev Microbiol.

Smit E, Wolters A, Elsas JDV. 1998. Selftransmissible mercury esistance plamids with gene mobilizing capacity in soil bacterial populations: influence of wheat roots and mercury addition. Appl. Environ. Microbiol. 64: 1210 - 1219.

Sanchez GV, Master RN, Karlowsky JA, Bordon JM, 2012. In vitro antimicrobial resistance of urinary Escherichia coli isolates among U.S. outpatients from 2000 to 2010. In Antimicrob Agents Chemother. 56(4):2181-3

Silver and Phung 1998. Bacterial Heavy Metal Resistance: New Suprises. Rev Microbiol. Smit, E., Wolters, A. and Elsas, J.D.V. 1998.

Silver, S. & Phung, L.T. 2005. A Bacterial View of the Periodic Table: Genes and Proteins for Toxic Inorganic Ions. J Ind. Microbiol Biotechnol 32: 587-605.

Sutamihardja, 1982. *Perairan Teluk Jakarta Ditinjau dari Tingkat Pencemarannya*. Tesis. Program Pascasarjana Institut Pertanian Bogor, Bogor.

Smith-Keary P. F. 1988. *Genetic Elements in Escherichia coli.* London: Macmillan Molecular biology series.

Sudarmo, Unggul. 2005. *Miskonsepsi Dalam Konsep Kesetimbangan Kimia Pada*

*Siswa dan Guru di SMA Kota Surakarta. Surakarta* : Program Pasca Sarjana UNS.

Smit, E., Wolters, A. and Elsas, J.D.V. 1998, Self-Transmissible Mercury Resistance Plamids With Gene Mobilizing Capacity in Soil Bacterial Populations: Influence Of Wheat Roots And Mercury Addition. Appl. Environ. Microbiol. 64: 1210 – 1219

Spadafino J.T., Cohen B., Liu J., Larson E., 2014. Temporal trends and risk factors for extended-spectrum beta-lactamase-producing Escherichia coli in adults with catheter-associated urinary tract infections. Diunduh dari http://link.springer.com/article/10.1186/s13756-014-0039-y pada 4 Oktober 2016

Sturenburg E and D Mack. 2003. Extended-Spectrum Beta-Lactamases: Implications for the Clinical Microbiology Laboratory, Therapy, and Infection Control. J. Infect.47: 273-295.

Talan DA, Takhar SS, Krishnadasan A, Abrahamian FM, 2016. Fluoroquinolone-Resistant and Extended-Spectrum β-Lactamase–Producing *Escherichia coli* Infections in Patients with Pyelonephritis, United States. Emerging Infectious Diseases 22(9); 1594-604

Tenover FC, Kalsi RK, Williams PP, Carey RB, Stocker S, Lonsway D, Rasheed JK, Biddle JW, McGowan JE Jr, Hanna B, 2006. Carbapenem resistance in Klebsiella pneumoniae not detected by automated susceptibility testing. In Emerg. Infect. Dis. 12(8):1209-13

Tille PM, 2014. Bailey & Scott's Diagnostic Microbiology 13th ed. Elsevier St. Louis, Missouri. pp.307-28

Todar K, 2011. Bacterial Resistance to Antibiotics. Todar's online text book of bacteriology. Diunduh dari http://textbookofbacteriology.net/resantimicrobial_3.html pada 11 Nopember 2016

Tomc JF, Huczko E, Pearce M, Kessler RE, 1988. Frequency of in vitro resistance to Pseudomonas aeruginosa to cefepime, ceftazidime, and cefotaxime. Antimicrob Agents Chemother; 32(9)p.1443-1445

Vardi M., Kochavi T., Denekamp Y., Bitterman H., 2012. Risk Factors for urinary tract infection caused by enterobacteriaceae with extended-spectrum Beta-lactamase resistance in Patients admitted to internal medicine departments. IMAJ (14): 115-8

Vouk V. 1986. *General Chemistry of Metals.* In: Freiberg L., Nordberg G.F., and Vouk V.B (Eds). Handbook on the Toxicology of Metals. Elsevier. New York.

Vergidis P., Patel R., 2012. Novel Approaches to the Diagnosis, Prevention and Treatment of Medical Device-Associated Infections. Infect Dis Clin North Am; 26(1): 173–186

Walker KE, Mahon CR, Lehman D, Manuselis G, 2015. Enterobacteriaceae. InText book of diagnostic microbiology 5th ed. pp 420-54

*Walker* TM, Kohl TA, Omar SV, Hedge J, Del Ojo Elias C, Bradley P, Iqbal Z, Feuerriegel S, Niehaus, 2015, Copyright © *2015* Whole-genome sequencing for prediction of Mycobacterium tuberculosis drug susceptibility and resistance: a retrospective cohort study

Wartawarga. 2012. *Bahaya Merkuri Pada Kosmetik.* http://wartawarga.gunadarma.ac.id/2012/01/bahaya-merkuri-pada-kosmetik/ (8 Februari 2017).

Widowati W., Astiana S. dan Raymond J.R., 2008, Efek Toksik Logam, Pencegahan dan Penanggulangan Pencemaran. Penerbit ANDI, Yogyakarta

H, 2007. Detection of extended-spectrum beta-lactamases among Enterobacteriaceae by use of semiautomated microbiology systems and manual detection procedures. In J. Clin. Microbiol. 45(4):1167-74

Whittam, T.S, Donnenberg MS, 2001. Pathogenesis and evolution of virulence in enteropathogenic and enterohemorrhagic *Escherichia coli, J. Clin. Invest.107*;539–548.

Woodford N., Turton J.F., Livermore D.M., 2011. Multi resistant gram negative bacteria: the role of high-risk clones in the dissemination of antibiotic resistance. FEMS Microbiol. Rev.;35:736–55

www.republika_online.com, Pantai Losari Makassar Tercemar Merkuri. Diakses pada tanggal 29 Februari 2017.

Zeng X, Lin J, 2013. Beta-lactamase induction and cell wall metabolism in Gram-negative bacteria. Diunduh dari https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3660660/ pada 20 Oktober 2016

Zachary Freedman, Chengsheng Zhu, and Tamar Barkay, 2012, Mercury Resistance and Mercuric Reductase Activities and Expression among Chemotrophic Thermophilic *Aquificae,* 78(18): 6568–6575. doi: 10.1128/AEM.01060-12, Diakses tgl 5 Januari 2017