

## DAFTAR PUSTAKA

- Accugen Labs. 2011. *Minimum Inhibitory Concentration Test / MIC*. (Online). <http://www.accugenlabs.com/mic.html>. diakses 15 Februari 2014.
- Ali, B.H., Blunden, G., Tanira, M.O., and Nemmar, A. 2008. *Some Phytochemical, Pharmacological and Toxicological Properties of Zinger (Zingiber officinale Roscoe): A Review of Recent Research*. *Food and Chemical Toxicology*. 46 : 409–420.
- Arai, K., Hirakata, Y., Yano, H., Kanamori, H., Endo, S., Hirotani, A., Abe, Y., Nagasawa, M., Kitagawa, M., Aoyagi, T., Hatta, M., Yamada, M., Nishimaki, K., Tamaya, Y., Yamamoto, N., Kunishima, H., and Kaku, M. 2011. *Emergence of Fluoroquinolones-Resistant Streptococcus pyogenes in Japan by A Point Mutation Leading to A New Amino Acid Substitution*. *Journal of Antimicrobial Chemotherapy* Vol. 66, p: 494-498.
- Arvand, M., Hoeck, M., Hahn, H., and Wagner, J. 2000. *Antimicrobial Resistance in Streptococcus pyogenes Isolates in Berlin*. *Journal of Antimicrobial Chemotherapy* 46 (4): 621-624.
- Bessen, D.E. 2009. *Population Biology of The Human Restricted Pathogen, Streptococcus pyogenes*. *Infection, Genetics and Evolution : Journal of Molecular Epidemiology and Evolutionary Genetics in Infectious Diseases*. 9(4), 581-593.
- Brooks, G.F., Butel, J.S., and Morse, S.A. 2005. *Jawets, Melnick & Adelber's Medical Microbiology, 23<sup>rd</sup> Ed.* USA: McGraw Hill, hal. 358-400.
- Canton, R., Loza, E., Morosini, M.I., and Baquero, F. 2002. *Antimicrobial Resistance Amongst Isolates of Streptococcus pyogenes and Staphylococcus aureus in The PROTEKT Antimicrobial Surveillance Programme During 1999–2000*. *Journal of Antimicrobial Chemotherapy* Vol. 50 Suppl. S1, p. 9-24.
- Chatim, A. 1991. *Penuntun Mikrobiologi Kedokteran*. Jakarta: Bina Rupa Aksara.
- Cohen, R., Aujard, Y., Bidet, P., Bourrillon, A., Bingen, E., Foucaud, P., François, M., Garnier, J.M., Gendrel, D., Guillot, M., Hau, I., Olivier, C., Quinet, B., and Raymond, J. 2005. *Streptococcus pyogenes an Emerging Pathogen*. *Archives De Pediatrie : Organe Officiel De La Societe Francaise De Pediatrie*. 12(7): 1065-1067.

- Cowan, M. 1999. *Plant Products as Antimicrobial Agents, Clinical Microbiology Reviews Vol. 12*, hal. 564-582.
- Cunningham, M.W. 2000. *Phatogenesis of Group A Streptococcal Infection.. Clinical Microbial Vol. 13*. p : 470-511
- Dzen, SM., Roekistiningsih., S, Santoso., dan S, Winarsih. 2003. *Bakteriologi Medik*. Malang: Bayumedia Publishing, hal. 141-149.
- Efendi, K. 2009. *Jahe Super (Zingiber officinale)*. (Online). <http://fatmaabadi.indonetwork.co.id/1182499/jahe-super-zingiber-officinale.htm>. Diakses tanggal 7 Desember 2012.
- Finegold, S.M., and Martin, W.J. 1978. *Diagnostic Microbiology*. St Louis Missouri: Elsevier Saunders, p. 156-158.
- Forbes, A.B. 2007. *Bailey and Scott's Diagnostic Microbiology 12<sup>th</sup> ed*. St.Louis: Mosby, p. 270.
- Greenberg, M.S. and Glick, M (Ed.). 2003. *Burkett's Oral Medicine Diagnosis and Treatment*. Ontario: BC Decker Inc, p. 217.
- Jang, D.S., Han, A.R., Park, G., Jhon, G.J., and Seo, E.K. 2004. *Flavonoids and Aromatic Compounds from the Rizhomes of Zingiber zerumbet*. Arch Pharm Res. (Online). <http://www.springerlink.com/content/d1007202p866h861/fulltext.pdf?page=1>. Diakses tanggal 7 Desember 2012.
- Kaitu, R.A.M., Sidharta, B.M., dan Atmodjo, K. 2013. *Aktivitas Antibakteri Fungi Endofit Jahe Merah (Zingiber officinale var. rubrum) Terhadap Escherichia coli dan Streptococcus pyogenes*. (Online). <http://e-journal.uajy.ac.id/id/eprint/3970>. Diakses 13 Maret 2104.
- Kalemba, D. and Kunicka, A. 2003. *Antibacterial an Antifungal Properties of Essential Oils. Current Medicinal Chemistry 10*.
- Kardarron, D. 2009. *Jahe (Zingiber officinale Rosc.)*. (Online). [http://www.asiamaya.com/jamu/isi/jahe\\_zingiberofficinale.htm](http://www.asiamaya.com/jamu/isi/jahe_zingiberofficinale.htm). Diakses tanggal 16 Oktober 2012.
- Kartono, R. 2011. *Efek Ekstrak Rimpang Temu Kunci (Boesenbergia pandurata) Sebagai Antibakteri Terhadap Staphylococcus aureus Secara In Vitro*. Tugas Akhir. Tidak Diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang.
- Laila, S.N. 2010. *Uji Efektivitas Antimikroba Ekstrak Etanol Daun Salam (Syzygium polyanthum) Terhadap Streptococcus mutans Rongga Mulut*

*Secara In Vitro*. Tugas Akhir. Tidak Diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang.

Loekito, H.H. 1998. *Rancangan Percobaan*. Malang: IKIP Malang Press.

Marczyk G., DeMatteo, D., and Festinger, D. 2005. *Essentials of Research Design and Methodology*. New Jersey: John Wiley & Sons, Inc, p. 128.

Matondang, I. 2005. *Zingiber officinale*. (Online). [http://66.102.7.104/search?q=cache:jAHeX25yvLAJ:iptek.apjii.or.id/artikel/ttg\\_tanaman\\_obat/unas/Jahe.pdf+zingiber+officinale&hl=id&lr=lang\\_id](http://66.102.7.104/search?q=cache:jAHeX25yvLAJ:iptek.apjii.or.id/artikel/ttg_tanaman_obat/unas/Jahe.pdf+zingiber+officinale&hl=id&lr=lang_id). Diakses tanggal 8 Desember 2012.

Maulidi, S. 2011. *Uji Efektivitas Dekok Daun Kemangi (Ocimum basilicum forma citratum back) Sebagai Antimikroba Streptococcus viridans Secara In Vitro*. Tugas akhir. Tidak diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang.

McClatchey, K.D. 1994. *Clinical Laboratory Medicine 2<sup>nd</sup> Edition*. Philadelphia: Lipincott Williams & Wilkin, p. 567.

McNamara, C.W. 2006. *Molecular Analysis of Streptococcus pyogenes M1 Protein*. (Online). [http://books.google.co.id/books?id=jz8BEwGNpZoC&printsec=frontcover&dq=molecular+analysis+of+streptococcus+pyogenes+M1+protein&hl=id&sa=X&ei=OILxUNPultC2lQXOqIBA&redir\\_esc=y](http://books.google.co.id/books?id=jz8BEwGNpZoC&printsec=frontcover&dq=molecular+analysis+of+streptococcus+pyogenes+M1+protein&hl=id&sa=X&ei=OILxUNPultC2lQXOqIBA&redir_esc=y). Diakses tanggal 10 Januari 2013.

Mulyatno, K.C. 2013. *Mekanisme Resistensi Bakteri pada Antibiotik*. (Online). [http://www.itd.unair.ac.id/index.php?option=com\\_content&view=article&me kanisme-resistensi-bakteri-pada-antibiotik.htm](http://www.itd.unair.ac.id/index.php?option=com_content&view=article&me kanisme-resistensi-bakteri-pada-antibiotik.htm). Diakses 22 Februari 2014.

Murakami, A., Tanaka, T., Lee, J.Y., Surh, Y.J., Kim, H.W., Kawabata, K., Nakamura, Y., Jiwajinda, S., Ohigashi, H. 2004. *Zerumbone, a Sesquiterpene in Subtropical Ginger, Suppresses Skin Tumor Initiation and Promotion Stages in ICR Mice*. *International Journal Cancer*. (Online). <http://www.ncbi.nlm.nih.gov/pubmed/15122579>. Diakses tanggal 7 Desember 2012.

Mustafa, T. dan K.C. Srivastava. 1990. *Ginger (Zingiber officinale) in Migraine Headache*. *J. Ethnopharmacol.* 29 : 267-273.

Narwastu, A. 2011. *Uji Efektivitas Antibakteri Ekstrak Meniran (Phyllanthus niruri) Terhadap Streptococcus pyogenes Secara In Vitro*. Tugas Akhir. Tidak Diterbitkan. Fakultas Kedokteran Universitas Brawijaya, Malang.

Neville, B.W., Damm, D.D., Allen, C.M., and Bouquot, J.E. *Oral & Maxillofacial Pathology 2nd ed*. 2002. Philadelphia: WB Saunders, hal. 124.

- Nursal, W.S dan Juwita, S. 2006. *Bioaktivitas Ekstrak Jahe (Zingiber officinale Roxb.) Dalam Menghambat Pertumbuhan Koloni Bakteri Escherichia coli dan Bacillus subtilis.* (Online). [http://biologi-kfip.unri.ac.id/karya\\_tulis/6%20nursal-BIOAKTIFITAS%20EKSTRAK%20JAHE%2064-66.pdf](http://biologi-kfip.unri.ac.id/karya_tulis/6%20nursal-BIOAKTIFITAS%20EKSTRAK%20JAHE%2064-66.pdf). Diakses 16 Oktober 2012.
- Paimin, F.B dan Murhananto. 1999. *Budidaya, Pengolahan, dan Perdagangan Jahe.* Jakarta: PT Penebar Swadaya.
- Peoloengan, M., Chairul, Komala, I., Salmah, S., dan Susan, M.N. 2006. *Aktivitas Antimikroba Beberapa Tanaman Obat.* (Online). <http://peternakan.litbang.deptan.go.id/publikasi/semnas/pro06-146.pdf>. Diakses tanggal 8 Desember 2012.
- Phadke, M., Sane, R.T., Menon, S.N., Hijli, P.S., Shah, M., and Patel, P.H. 1998. *Accelerated Stability Study on Gingerol from Zingiber officinale Using High Performance Thin Layer Chromatographic Method.* Toxicology Letters. (Online). <http://www.ingentaconnect.com/search/article?option1=tk&value1=Accelerated+Stability+Study+on+Gingerol+from+Zingiber+officinale+Using+High+Performance+Thin+Layer+Chromatographic+Method.&pageSize=10&index=1>. Diakses tanggal 8 Desember 2012.
- Prakoso, B. 2006. *Pemanfaatan Tanaman Obat Tradisional di Indonesia.* (Online). [http://sehatherbal.blogspot.com/2006\\_12\\_01\\_archive.html](http://sehatherbal.blogspot.com/2006_12_01_archive.html). Diakses tanggal 7 Desember 2012.
- Reveny, J. 2011. *Daya Antimikroba Ekstrak dan Fraksi Daun Sirih Merah (Piper betle Linn.).* (Online). [http://isjd.pdii.lipi.go.id/admin/jurnal/12111612\\_1411-5735.pdf](http://isjd.pdii.lipi.go.id/admin/jurnal/12111612_1411-5735.pdf). Diakses 30 November 2012.
- Samaranayake, L. 2007. *Essential Microbiology for Dentistry.* Churchill Livingstone Elsevier.
- Sekar, M., Ting, C.P., Abdullah, M.S.B., and Nalina. 2014. *Comparative Evaluation of Antimicrobial Properties of Red and White Ginger dalam Asian Journal of Pharmaceutical and Clinical Research Vol. 7, Issue 1.* (Online). <http://innovareacademics.in/journals/index.php/ajpcr/article/view/653/489>. Diakses 13 Maret 2014.
- Sjhrurachman, A. 2006. *Resistensi Bakteri Terhadap Aminoglikosida.* Jakarta: Jurnal Mikrobiologi Fakultas Kedokteran Universitas Indonesia, hal. 49.

Sulistyo, B. 2007. *Khasiat dan Kandungan Jahe*. (Online).  
<http://www.yukitawa.co.cc/2009/04/khasiat-dan-kandungan-jahe.html>.  
Diakses tanggal 17 Oktober 2012.

Tim Lentera. 2002. *Khasiat dan Manfaat Jahe Merah Si Rimpang Ajaib*. Jakarta:  
Agromedia.

Todar, K. 2008. *Streptococcus pyogenes and Streptococcal Disease*. (Online).  
[http://www.textbookofbacteriology.net/streptococcus\\_2.html](http://www.textbookofbacteriology.net/streptococcus_2.html). Diakses 16  
Oktober 2012.

WHO. 2011. *Use Antibiotics Rationally*. Regional Office of South-East Asia, p. 1-  
4.

