

## **DAFTAR PUSTAKA**

- Andrews J M. 2006. Determination of Minimum Inhibitory Concentration. *J Antimicrob Chem.* 48: 5-16.
- Ansari M, Ahmed S, Halder S. 2006. *Nigella sativa*: A non-conventional herbal option for the management of seasonal allergic rhinitis. *Pak J Pharmacol.* 23: 31-35.
- Basjir, Erlinda T, Nikham. 2012. Uji Bahan Baku Antibakteri Dari Buah Mahkota Dewa (*Phaleria macrocarpa (Scheff) Boerl.*) Hasil Radiasi Gamma dan Antibiotik Terhadap Bakteri Patogen. Prosiding Pertemuan Ilmiah Ilmu Pengetahuan dan Teknologi Bahan; 168-174. ISSN 1411-2213; 2012
- Bayan L, Koulivand P, Gorji A. 2013. Garlic: a review of potential therapeutic effects. *Avicenna J Phytomed.* 4 (1): 7-21.
- Benkeblia N. 2004. Antimicrobial activity of essential oil extracts of various onions (*Allium cepa*) and garlic (*Allium sativum*). *Lebensm.-Wiss. u.-Technol.* 37: 263–268.
- Brooks G F, Carroll K, Butel J, dan Morse S. 2008. Jawetz, Melnick, & Adelberg's medical microbiology 25th edition. United States: McGrawHill.
- Cai Y, Wang R, Pei F, dan Liang B. 2007. Antimicrobial activity of *allicin* alone and in combination with beta lactams against *Staphylococcus* spp. And *Pseudomonas aeruginosa*. *J Antibiot.* 60: 335-338.
- Dahlan S. 2008. Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat dan Multivariat dilengkapi Aplikasi dengan menggunakan SPSS. Jakarta: Penerbit Salemba Medika.

- De Boer H, Kool A, Miziray W. 2005. Antifungal and antibacterial activity of some herbal remedies from Tanzania. *J Ethanopharmacol.* 96: 461-469.
- Deptan. 2010. Petunjuk teknis budidaya bawang putih. BPTP Jawa Tengah. Badan litbang pertanian, Kementrian Pertanian, Republik Indonesia. [diakses pada tanggal 21 September 2014] Tersedia dari : [http://jateng.litbang.deptan.go.id/ind/index.php?option=com\\_content&view=article&id=315:budidaya-bawang-putih&catid=14:alsin](http://jateng.litbang.deptan.go.id/ind/index.php?option=com_content&view=article&id=315:budidaya-bawang-putih&catid=14:alsin)
- Deresse D. 2010. Antibacterial effect of garlic (*Allium sativum*) on *Staphylococcus aureus*: An in vitro study. *Asian J Med Sci.* 2(2): 62-65.
- Duman A. 2008. Investigation of antibacterial effects of some medicinal plants and spices on food pathogens. *Kalkas Univ Vet Fak Derg.* 14: 83-87.
- Dusica P, Vesna D, Ljubisa B, Mihajlo Z. 2011. Allicin and related compounds: biosynthesis and pharmacological activity. *Phys Chem Tech.* 9(1): 9-20.
- Eja M, Arikpo G, Ikpeme E. 2011. An evaluation of garlic (*Allium sativum*) and Utazi (*Gongronema latifolium*) on *Escherichia coli* and *Staphylococcus aureus*. *Malay J Microbiol.* 7 (1): 49-53.
- El-mahmood M. 2009. Efficacy of crude extract of garlic (*Allium sativum Linn.*) against nosocomial *Eschericia coli*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Pseudomonas aeruginosa*. *J Med Plants Res.* 2 (4): 179-185.
- Everhart E, Haynes C, Jauron R. 2003. Garlic. Iowa State Horticulture Guide: Home Gardening. USDA.
- Fu Y J, Zu Y, Chen L, Wang Z. 2007. AntimicrobialActivity of clove and rosemary essential oils alone and in combination. *Phytother res.* 21: 989-999.
- Garba I, Umar A, Abdulrahman A. 2006. Phytochemical and bacterial properties of garlic extracts. *Bayero J Pure App Sci.* 6 (2): 45-48
- Gulfraz M, Imran M, Khadam S. 2014. A comparative study of antimicrobial and antioxidant activities of garlic (*Allium sativum L.*) extracts in various

- localities in Pakistan. *Afr J Plant Sci.* 8: 298-306. Tersedia dari : URL : [http://www.academicjournals.org/article/article1403521690\\_Gulfraz%20et%20al.pdf](http://www.academicjournals.org/article/article1403521690_Gulfraz%20et%20al.pdf) (diakses pada tanggal 21 Oktober 2014)
- Jakee J, Ata S, Bakry M, Zouelfakar A. 2008. Characteristics of *Staphylococcus aureus* strains isolated from human and animal sources. *Am Eurasian J Agric Environ Sci.* 4 (2): 221-229.
- Liu G. 2009. Molecular pathogenesis of *Staphylococcus aureus* infection. *National Institute of Health Public Access* [Online Journal] [diunduh 21 September 2014] Tersedia dari: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2919328/>
- Greenwood D, Barer M, Slack R, Irving W. 2012. Medical Microbiology, A guide to Microbial infection: Pathogenesis, Laboratory investigation and control 8<sup>th</sup> edition. United States: Churchill Livingstone, Elsevier.
- Gull I, Saeed M, Shaukat H, Shahbaz M. 2012. Inhibitory effect of *Allium sativum* and *Zingiber officinale* extracts on clinically Important drug resistant pathogenic bacteria. *J Clin Microbiol Antimicrob.* 3 (11): 65-73. [diunduh 3 Oktober 2014] Tersedia dari : <http://www.ann-clinmicrob.com/content/11/1/8>
- Leboffe M J, Pierce B E. 2008. Microbiology: Laboratory theory and application, brief edition. Colorado: Morton Publishing Company. hlm. 198-200.
- Londhe V, Gavasane A, Nipate S, Bandawane D, Chaudhari P. 2011. Role of garlic (*Allium sativum*) in various disease: an overview. *J Pharm Res Opin*[diunduh 20 September 2014] Tersedia dari: [http://www.researchgate.net/profile/Vikas\\_Londhe/publication/233379240\\_ROLE\\_OF\\_GARLIC\\_%28ALLIUM\\_SATIVUM%29\\_IN\\_VARIOUS\\_DISEASES\\_AN\\_OVERVIEW/links/09e41509d3c3b3480900000](http://www.researchgate.net/profile/Vikas_Londhe/publication/233379240_ROLE_OF_GARLIC_%28ALLIUM_SATIVUM%29_IN_VARIOUS_DISEASES_AN_OVERVIEW/links/09e41509d3c3b3480900000)
- Majewski M. 2014. *Allium sativum*: Facts and Myths Regarding Human Health. *J Natl Ins Public Health.* 65 (1): 1-8.
- Mardiastuti H, Karuniawati A, Kiranasari A, Kadarsih R. 2007. *Emerging Resistance Pathogen*: Situasi terkini di Asia, Eropa, Amerika Serikat, Timur Tengah dan Indonesia. *Majalah Kedokteran Indonesia.* 57 (3): 75-79.

- Mikaili P, Maadirad S, Moloudizargari M. 2013. Therapeutic uses and pharmacological properties of garlic, shallot, and their biologically active compounds. *Iran J Basic Med Sci.* 16 (10): 1031-1048.
- Mulholland A. 2005. Bacterial infection – A major cause of death among children in Africa. *New Engl J Med.* 352: 75-77.
- Ramadanti I. 2008. Uji aktivitas antibakteri ekstrak bawang putih (*Allium sativum Linn*) terhadap bakteri *Escherichia coli* in vitro. *Artikel Karya Tulis Ilmiah*. Universitas Diponegoro.
- Rangan C, Barceloux D. 2009. Food additives and sesitivities. *Dis Mon.* 2 (55): 292-311.
- Seo K S, Bohach G A. 2007. *Staphylococcus aureus*. Ch. 22 Dalam: Doyle MP, Beuchat LR (eds) *Food microbiology: Fundamentals and frontiers*. 3rd ed, ASM Press. Washington D.C. 493–518.
- Shokrzadeh M, Ebadi A. 2006. Antibacterial effect of garlic (*Allium sativum L.*) on *Staphylococcus aureus*. *Pak J Biol Sci.* 9 (8): 1577-1579.
- Stavelikova H. 2008. Morphological characteristic of garlic (*Allium Sativum L.*) genetic resources collection – information. Department of Vegetables and Special Crops, Crop Research Institute, Prague-Ruzyne, Olomouc, Czech Republic. 35(3): 130–135. [diunduh 20 September 2014] Tersedia dari :<http://agris.fao.org/agris-search/search.do?recordID=CZ2008000570>
- Stephen R, Davis P, Castro R. 2004. The in vitro susceptibility of scedoporium prolificans to ajoene, allitridun and raw extract of garlic (*Allium sativum*). *J Antimicrob Chem.* 8 (2): 67-70
- Sulistyaningsih. 2010. Uji kepekaan beberapa sediaan antiseptik Terhadap bakteri *staphylococcus aureus* dan *Staphylococcus aureus* resisten metisilin(MRSA). (*Tesis*). Universitas Padjajaran. Bandung. 2pp.
- Sutrisna. 2012. Penggunaan antibiotika secara rasional. *Majalah Kedokteran Indonesia.* 7: 32-39

Syamsiah S, Tajudin. 2003. Khasiat dan manfaat bawang putih: Raja antibiotik alami. Jakarta; Agromedia.

Tanprasert P, Reed B M. 2000. Determination of Minimal Bactericidal and Effective Antibiotic Treatment Concentrations for Bacterial Contaminants from Micropropagated Strawberries. *In Vitro Cell Dev Biol.* 38: 227-230.

Todar K. 2005. Todar's online textbook of bacteriology. Texas: Winconsin.  
Tersedia dari : <http://textbookofbacteriology.net/staph.html> [diakses pada 21 Oktober 2014]

USDA. 2010. National Nutrient Database for Standard Reference of raw garlic. Agricultural Research Service.United States: Department of Agriculture.  
[diakses pada 21 September 2014] Tersedia dari : <http://ndb.nal.usda.gov/ndb/foods/show/3003>

Vuorela P, Leinonen M, Saikkuc P, dan Tammela P. 2004. Natural products in the process of finding new drug candidates. *Curr Med Chem.* 2 (11): 1375-1389.