

DAFTAR PUSTAKA

- Akinyemi, A. J., Ademiluyi, A. O., dan Oboh, G. 2014. Aqueous extracts of two varieties of ginger (*Zingiber officinale*) inhibit angiotensin converting enzyme, iron(ii), and sodium nitroprusside-induced lipid peroxidation in the rat heart in vitro. *Journal of Medical Food* 16(7) :641–646.
- Anonim. 2011. Biopharmaceutical classification system and formulation development. *Particle Sciences Drug Development Services*.
- Bhattarai, S., Van Tran H., dan Duke, C.C. 2001. The stability of gingerol and shogaol in aqueous solutions. *Journal of Pharmaceutical Science*, 90(10), 1658–1664.
- Cunningham, J. G dan Klein, B. G. 2007. Veterinary physiology fourth editio Missouri: Elsevier. 443–444.
- Ghayur, M. N dan Ghilani, A. H. 2005. Ginger lowers blood pressure through blockade of voltage-dependent calcium channels. *Journal Cardiovasc Pharmacol* 45 :74–80.
- Guerrero, L., Castillo, J., Mar, Q., Vallve, S. G., Arola, L., Pujadas, G., dan Muguerza. 2012. Inhibition of Angiotensin-Converting Enzyme Activity by Flavonoids: Structure-Activity Relationship Studies. *Plos One* 7(11):1–11.
- Gupta, A., Eral, H.B., Hatton, T. A., dan Doyle, P. S. 2016. Nanoemulsions: formation, properties and applications soft matter. *The Royal Society of Chemistry* 12: 2826–2841.
- Guyton, A. C dan Hall, J. E. 2006. *Textbook of Medical Physiology, Eleventh Edition*. Pensylvania: Elsevier. 223–227.
- Handayani, V., Ahmad, A. R., dan Sudir, M. 2016. Uji Aktivitas Antioksidan Ekstrak Metanol Bunga dan Daun Patikala (*Etlingera elatior* (Jack) R.M.Sm) Menggunakan Metode DPPH. *Pharm Sci* 1(2): 86–93.
- Harmilah dan Ekwantini, R. D. 2014. Jus Seledri (*Apium Graveolens*) Menurunkan Tekanan Darah Tikus Rattus Strain Wistar Dengan Hipertensi. *Jurnal Teknologi Kesehatan*. (10): 28–34.
- Hau, J., Gerald, L., dan Hoosier, V. 2003. *Handbook of laboratory animal science second edition volume II*. New York: CRC Press.
- Katzung, B. G. 2001. *Basic & Clinical Pharmacology, Eight Edition*. Mc Graw Hill Company. P: 270.

- Kumar, R. dan Soni, G. C. 2017. Formulation development and evaluation of Telmisartan Nanoemulsion. *Prajapati International Journal of Research and Development in Pharmacy & Life Science*, 4(6): 2711–2719.
- Kwon, E. K., Lee, D. Y., Lee, H., Kim, D. O., Baek, N. I., Kim, Y. E., Kim, H. Y. 2010. Flavonoids from the buds of *Rosa damascena* inhibit the activity of 3-hydroxy-methylglutaryl-coenzyme a reductase and angiotensin I-converting enzyme. *Journal Agric Food Chem* 58 (2): 882–6.
- Liu, Q., Liu, J., Guo, H., Sun, S., Wang, S., Zhang, Y., Li, S., dan Qiao, Y. 2013. 6- Gingerol: a novel AT1 antagonist for the treatment of cardiovascular disease. *Planta Med* 79: 322–326
- Malkoff, J. 2011. Non-invasive Blood Pressure for Rats. *Anim Lab News*. 1– 12.
- Mazzaferro, E. M. 2010. *Small Animal Emergency and Critical Care*. Blackwell Publishing: USA. P: 355.
- Mukkavilli, R., Yang, C., Tanwar, R. S., Ghareeb, A., Luthra, L., dan Aneja R. 2017. Absorption, Metabolic stability, and pharmacokinetics of ginger phytochemicals. *Molecules* (22): 553–554.
- National Heart Foundation of Australia. 2016. *Guideline for the diagnosis and management of hypertension in adults*. Melbourne: National Heart Foundation of Australia.
- Ngantung E C, Deiske A S, and Robert A B. 2016. Uji aktivitas antibakteri dari spons *Dictyonella funicularis* dan *Phyllospongia lamellose* yang diambil pada perairan Bunaken. *Jurnal Pesisir dan Laut Tropis* 2(1): 10–16.
- Ojeda D, Jiménez-Ferrer E, Zamilpa A, Herrera-Arellano A, Tortoriello J, Alvarez L. 2010. Inhibition of angiotensin converting enzyme (ACE) activity by the anthocyanins delphinidin- and cyanidin3-O-sambubiosides from *Hibiscus sabdariffa*. *Journal Ethnopharmacol* 127(1):7–10.
- Pratoko, D. K., Wardhani, F.A., Kristiningrum, A., Fajri, F.A., dan Pangaribowo, D. A. 2018. Kadar Fenolat dan Flavonoid Total serta Kapasitas Antioksidan Ekstrak Etanol dan Fraksi Jahe Merah (*Zingiber officinale* var. *Rubrum*). *Al Kimia* 6(2): 166–172
- Puri, S. T., Shakaib, M. I., Chang, A., Mathew, L., Olayinka, O., Minto., Sarav., Hack, K., dan Ouig, R. J. 2010. Chronic kidney disease induced in mice by reversible unilateral ureteral obstruction is dependent on genetic background. *Am Journal Physiol Renal Physiol* (298): 1024–1032.
- Riskesdas. 2018. *Hasil Utama Riset Kesehatan Dasar 2018*. Kementerian Kesehatan Badan Penelitian dan Pengembangan Kesehatan: Jakarta. hal:61.
- Setiawan. 2015. *Budidaya Jahu*. Pustaka Baru Press: Yogyakarta.
- Setyaninrum, H. D dan Saparinto, C. 2013. *Jahe*. Bogor: Penebar Swadaya.

- Shaban, M. I., Gahsh, N. F. A., dan El-Sol, A. E. H. 2017. Ginger: it's effect on blood pressure among hypertensive patiens. *Journal of Nursing and Health Science* 6(5): 79–86.
- Syahrini, E. N., Susanto, H. S., dan Udiyono, A. 2012. Faktor-faktor risiko hipertensi primer Puskesmas Tlogosari Kulon Kota Semarang. *Jurnal Kesehatan Masyarakat* 1(2): 315–325.
- Stankovic, M. S. 2011. Total phenolic content, flavonoid concentration and antioxidant activity of *Marrubium L.* extracts. *Kragujevac Journal Sci* (33):63–72
- Widyaningrum, S. A. 2015. Formulasi Dan Uji Aktivitas Antimikroba Nanoemulsi Minyak Manis-Jangan (*Cinnamomum burmanni* Nees ex. BL.) terhadap *Pseudomonas aeruginosa* NCTC 12924 dan *Staphylococcus aureus* ATCC 29213. *Thesis*. Universitas Gadjah Mada.