

DAFTAR PUSTAKA

- Afzal M, Al-Hadidi D, Menon M, Pesek J, Dhami MS. (2001). Ginger: An ethnomedical, chemical and pharmacological review. *Drug Metabol Drug Interact*; 18: 159-190.
- Ahmed R. dan S. Sharma. (1997). Biochemical studies on combined effect of garlic (*Allium sativum* Linn) and ginger (*Zingiber officinale* Rosc) in albino rats. *Indian journal of experimental biology*. 35: 841-843.
- Ajjjah, N., B. Martono, N. Bermawie, dan E.A. Hadad. (1997). Botani dan Karakteristik Jahe. Balai Penelitian Tanaman Rempah dan Obat, Badan Litbang Deptan.
- Ali, B.H., G. Blunden, M. O. Tanira dan A. Nemmar. (2008). Some phytochemical, pharmacological and toxicological properties of ginger (*Zingiber officinale* Roscoe): A review of recent research. *Food and Chemical Toxicology*. 46 : 409–420.
- Amin, M.R. (2000). Mekanisme Molekuler Proses Fertilisasi pada Hewan. *Hayati*. 7 (4): 117-120.
- Anggorodi, R. (1979). Ilmu Makanan Ternak Umum. PT Gramedia Pustaka, Jakarta.
- Bartley, J. dan A. Jacobs. (2000). Effects of drying on flavour compounds in Australian-grown ginger (*Zingiber officinale*). *Journal of the Science of Food and Agriculture*. 80:209–215.
- Bermawie, N. (2003). Pengenalan Varietas Unggul dan Nomor Harapan Tanaman Rempah dan Obat. Bogor : Badan Diklat Daerah Pemerintah Propinsi Jawa Barat.
- Bhattarai, S., V.H. Tran dan C.C. Duke. (2001). The stability of gingerol and shogaol in aqueous solution. *J. Pharm. Sci*. 90 : 1658–1664.
- Burkill, I.H. (1953). A Dictionary of The Economic Product of The Malay Peninsula. Kuala Lumpur : Ministry of Agriculture and Cooperatives.
- Chen, H. D., J.C. Weiss dan F. Shahidi. (2006). Nanotechnology in nutraceuticals and functional foods. *Food Technology*, v. 60, n. 3, p. 30, 2006
- Choundhury, D., Das, A., Bhattacharya, A., Chakrabarti, G. (2010). Aqueous extract of ginger shows antiproliferative activity through disruption of microtubule network of

- cancer cells. [Online]. Tersedia: www.elsevier.com/locate/foodchemtox (9 September 2014).
- Cronquist, A. (1981). *An Integrated Sistem of Classification of Flowering Plants*. New York: Columbia University Press.
- Dechacare. (2009). Tips mengusir morning sickness. *Decha care*. [Online]. Tersedia: <http://www.dechacare.com.indx.php> (6 September 2014).
- Denyer, C.V., P. Jackson, D.M. Loakes, M.R. Ellis dan D.A.B. Yound. (1994). Isolation of antirhinoviral sesquiterpenes from ginger (*Zingiber officinale*). *J Nat Products*. 57 : 658-662.
- Derek Q.E. & John. L. (2002). Nausea and vomiting. *Medical Source*. [Online]. Tersedia: <http://www.gastro/pregnant.org/index.html> (5 September 2014).
- Dissabandara, D.L.O. (2007). Effects of prenatal ginger rhizome extract treatment on pregnancy outcome and postnatal development of Sprague Dawley rats. *The Ceylon Journal of Medical Science*; 50:1-7.
- Djuwita, I., L. Amalia, Widjiati, dan K. Mohamad. (2000). Efek Konsentrasi Glukosa dalam Medium Dengan dan Tanpa Fosfat terhadap Perkembangan Embrio Preimplantasi Mencit secara *In vitro*. *Media Veteriner*. 7 (1): 9-12.
- Dye, F. J. (1993). *Obtaining Early Mamalian Embryo*. Denbury :Departement of Biological & Environmental Science Western Connecticut State University Denbury.
- Ensiyeh, J dan Sakineh M.S. (2009). Comparing ginger and vitamin B6 for the treatment of nausea and vomiting in pregnancy: a randomised controlled trial. *Midwifery*, 25:649-653.
- Ernst, E., Pittler, M.H. (2000). Efficacy of Ginger for Nausea and Vomiting, *British journal of anaesthesia*, 84 (3) : 367-71.
- Frederer, W.Y. (1983). *Experimental Design, Theory ,and Application*. New York : Mac. Millan. Hal.544
- Hartshorne, G. (2000). *The Embryo. Human Reproduction*, Vol. 15, pp. 31-41.
- Haryono, A., Wiati, T., Sudarwati, S. (2007). Efek Toksin T-2 terhadap Perkembangan Embrio Praimplantasi dan Fetus Mencit Swiss Webster. *Hayati Journal of Biosciences*. Vol. 14, No.1, p23-27.

- Heitmann K, Nordeng H, Holst L (2013): Safety of ginger use in pregnancy: results from a large population-based cohort study *Eur J Clin Pharmacol.* 2013 Feb;69(2):269-77.
- Hernani dan E. Hayani. (2001). Identification of chemical components on red ginger (*Zingiber officinale* var. *Rubrum*) by GC-MS. Proc. International Seminar on natural products chemistry and utilization of natural resources. UI-Unesco, Jakarta : 501-505
- Hernani dan Winarti, C. (2006). Kandungan Bahan Aktif Jahe dan Pemanfaatannya dalam Bidang Kesehatan. Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian: Bogor.
- Janson, P.C. (1981). Spices, Condiments and Medicinal Plants in Ethiopia. Wagenurgan : Centre for Agricultural Publishing & Documentation.
- Jeyakumar SM, Nalini N, Menon VP. (1999). Antioxidant activity of ginger (*Zingiber officinale*) in rats fed a high fat diet. *Med Sci Res.* 27: 341-44.
- Jolad, S.D., R.C. Lantz, A.M. Solyon, G.J. Chen, R.B. Bates, dan B.N. Timmermann. (2004). Fresh organically grown ginger (*Zingiber officinale*): composition and effects on LPS-induced PGE2 production. *Phytochemistry.* 65:1937–1954.
- Kadnur, S.V. dan R.K. Goyal. (2005). Beneficial effects of *Zingiber officinale* Roscoe on fructose induced hyperlipidemia and hyperinsulinemia in rats. *Indian J. Exp. Biol.* 43, 1161–1164.
- Krussel, J., Behr, B., Hirchenhain, J., dan Wen, Y. (2000). Expression of vascular endothelial growth factor mRNA in human preimplantation embryos derived from trippronuclear zygotes. *American Society for Reproductive Medicine.* Vol 74:6
- Lantera. (2002). Khasiat dan Manfaat Jahe Merah Si Rimpang Ajaib. Agromedia: Jakarta.
- Lawrence, G.H.M. (1951). *Taxonomy of Vascular Plants.* New York: John Wiley and Sons.
- Luo, C. (2011). Superovulation Strategies for 6 Commonly Used Mouse Strains. *Journal of the American Association for Laboratory Animal Science.* 50(4): 471-478
- Manju, V. dan N. Nalini. (2005). Chemopreventive efficacy of ginger, a naturally occurring anticarcinogen during the initiation, post initiation stages of 1, 2 dimethyl hydrazine-induced colon cancer. *Clin Chim Acta.* 358: 60-67

- Marcus DM , Snodgrass WR. (2005). Do no harm avoidance of herbal medicines during pregnancy *Obstet Gynecol.*105:1119-22.
- Meltzer, D.I. (2000). Complementary therapies for nausea vomiting in early pregnancy. Oxford University Press, 6, 570-573. [Online]. Tersedia: *drfampra. oxfordjournals.org/misc/terms.html* (7 September 2014).
- Moore, K. L. (2013). *The Developing Human Clinically Oriented Embryology*. 9th ed. Canada : Elsevier
- Mustafa, T. dan K.C. Srivastava. (1990). Ginger (*Zingiber officinale*) in migraine headache. *J. Ethnopharmacol.* 29 : 267-273.
- Nafrialdi dan Ganiswarna, S, G. (2002). Antikanker, *Farmakologi dan Terapi*, (edisi IV), (686-701), Jakarta : Gaya Baru.
- Nazir, M. (2003). Metode Penelitian. Jakarta: *Ghalia Indonesia*.
- Oppenheimer, S. B & Lefevre, G. (1989). Embryonic Development. 3rded. Massachusetts : Allyn and Bacon.
- Pecorico, L. (2009). Molecular biology of cancer, mechanism, targets and therapeutics. New york: Oxford university press inc: p.4-9.
- Pillai, P.K.T., G. Vijayakumar, dan M.C. Nambiar. (1978). Flowering behaviour, cytology and pollen germination in ginger (*Zingiber officinale* Rosc.). *J. Plantation* 6:12-13.
- Purseglove, J.W., E.G. Brown, C.L. Green dan S.R.J. Robbins. (1981). Spice. London : Longman Grup Limited.
- Rahmani, A., Fahad, M., Salah, M. (2014). Active ingredients of ginger as potential candidates in the prevention and treatment of diseases via modulation of biological activities. *Int J Physiol Pathophysiol Pharmacol* 2014;6(2):125-136
- Rosengarten, F. (1973). *The Book of Spice*. New York : A Pyramid Book.
- Rostiana, O., A. Abdullah, Taryono, dan E.A. Hadad. (1991). Jenis-jenis tanaman jahe. Edisi Khusus *Littro* 7:7-10.
- Rugayah. (1994). Status taksonomi jahe putih dan jahe merah. *Floribunda Puslitbang LIPI*. 1:53-55.
- Rugh, R. (1968). *The Mouse Its Reproduction and Development*. Minneapolis : Burgess Publishing Company

- Russell, L.B. and Russell, W.L. (1950). The effect of radiation on the preimplantation stages of the mouse embryo. *Anat. Rec.* 108, 521.
- Saifuddin, A. B. (2001). *Buku panduan praktis pelayanan kesehatan maternal dan neonatal*. Jakarta : Yayasan Bina Pustaka sarwono Prawirihardjo
- Saraf, A. S. (2010). Applications of novel drug delivery system for herbal formulations. *Reviews. Fitoterapia*: 680–689
- Saswita. (2011). Efektifitas minuman jahe dalam mengurangi emesis gravidarum pada ibu hamil trimester I. *Jurnal Ners Indonesia*, Vol. 1.
- Shoji, A., T. Iwasa dan Y. Takemoto. (1982). Cardiotoxic principles of ginger (*Zingiber officinale* Roscoe). *J Pharmac Sci.* 71: 1174-1175.
- Singh, G., I.S. Kapoor, P. Singh, C.S. Heluani, M.P Lampasona dan C.A.N Catalan. (2008). Chemistry, antioxidant and antimicrobial investigation on essential oil and oleoresin of *Zingiber officinale*. *Food Chem. Toxicol.* 46: 3295-3302.
- Smith, B. J. dan S. Mangkoewidjojo. (1988). *Pemeliharaan, Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis Indonesia*. University Press, Jakarta.
- Suekawa M, Ishige A, Yuasa K, Sudo K, Aburada M, Hosoya E. (1984). Pharmacological studies on ginger. I. Pharmacological actions of pungent constituents, (6)-gingerol and (6)-shogaol. *J Pharmacobiodyn*;7:836–48.
- Supriatna, I. dan F.H. Pasaribu. (1992). *In Vitro Fertilisasi, Transfer Embrio dan Pembekuan Embrio*. Depdikbud. Dirjen. Pend. Tinggi, Pusat Antar Universitas Biotek. IPB. Bogor.
- Surh, Y.J., K.K. Park, K.S. Chun, L. Lee, E. Lee dan S. Lee. (1999). Antitumor promoting activities of selected pungent phenolic substances present in ginger. *J. Environ. Pathol. Toxicol. Oncol.*18:131-139.
- Tanabe, M., Y.D. Chen, K. Saito dan Y. Kano. (1993). Cholesterol biosynthesis inhibitory component from *Zingiber officinale* Roscoe. *Chem. Pharm. Bull. (Tokyo)*. 41:710-713
- Tillman, A. D. Hartadi, S. Reksohadiprojo dan S. Lebdoekodjo. (1989). *Ilmu Makanan Ternak Dasar*. Gadjah Mada University Press, Yogyakarta.
- Toure, A., Z. Xiaoming, C.S. Jia dan D. Zhijian, (2007). Microencapsulation and oxidative stability of ginger essential oil in maltodextrin/whey protein isolate (MD/WPI). *Int. J. Dairy Sci.* 2: 387-392.

- Trimachi. R.J. (2000). Oxidative phosphorylation- dependent and -independent oxygen consumption by individual preimplantation mouse embryos. *Biol Reprod* 62: 1866-1874
- Vutyavanich. (2001). Ginger for nausea and vomiting in pregnancy: Randomized, Double- Masked, Placebo-Controlled Trial. *Journal Obstetrics & Gynecology*, page 236-244.
- Warner, C. M., Exley, G. E., McElhinny, A. S. and Tang, C. (1998), Genetic regulation of preimplantation mouse embryo survival. *J. Exp. Zool.*, 282: 272–279.[Online]. Tersedia: <http://onlinelibrary.wiley.com/doi/10.1002/> (1 Oktober 2014)
- Weidner, M.S. dan K. Sigwart. (2001). Investigation of the teratogenic potential of a *Zingiber officinale* extract in the rat. *Reprod. Toxicol*: 1575–1580.
- Widiyanti, R. (2009). Analisis kandungan senyawa jahe. Universitas Indonesia: Jakarta.
- Wiknjosastro H. (2005). *Hiperemesis Gravidarum*. Dalam: Ilmu Kebidanan; Jakarta; Yayasan Bina Pustaka
- Wilkinson, J.M., (2000): Effect of ginger tea on the fetal development of Sprague-Dawley rats. *Reprod Toxicol.*, 14(6):507-12
- Wohlmuth, H., D.N. Leach, M.K. Smith dan S.P. Myers. (2005). Gingerol content of diploid and tetraploid clones of ginger (*Zingiber officinale* Roscoe). *J. Agric. Food Chem.* 53 : 5772–5778.
- Yan Wang. (2012). *Advanced Materials Research*. 550-553. 1666
- Yatim, W. (1994). *Reproduksi dan Embriologi untuk Mahasiswa Biologi dan Kedokteran*. Bandung: Tarsito.
- Yuliani, S, Desmawarni dan N. Harimurti. (2007). Pengaruh laju alir umpan dan suhu inlet spray drying pada karakteristik mikrokapsul oleoresin jahe. *J. Pascapanen* 4: 18-26
- Zuthpen, L. F. M. V., Baumans, V, dan Beynen, A. C. (2001). *Principles of Laboratory Anima Science*. Amsterdam, The Netherland:Elsevier.