

DAFTAR PUSTAKA

- Adams, J.M. 2003, 'Ways of dying: multiple pathways to apoptosis', *Genes Dev*, vol.17, pp.2481-2495.
- Adlercreutz, H. dan Mazur, W. 1997, 'Phytoestrogens and Western diseases', *Ann Med*, vol.29, pp.95-120.
- Alimuddin, A.H., Mardjan, M.I.D., Matsjeh, S., Anwar, C., Mustofa, dan Sholikhah, E.N. 2011, 'Synthesis 7-hydroxy-3',4'-dimethoxyisoflavon from eugenol', *Indo J Chem*, vol.11, no.2, pp.163-168.
- Baber, R. 2010, 'Phytoestrogens in post reproductive health', *Maturitas*, vol.66, pp.344-394.
- Besterman, J.M. dan Macleod, A.R. 2000, 'Targeting gene regulator for cancer therapy', *Mud Drug Disc*, pp.51-58.
- Cassidy, J., Bissett, P., dan Obe, R.A.J.S. 2002, *Oxford Handbook of Oncology*, Oxford University Press, New York.
- Chirivella, I., Bermejo B., Insa, A., Pe ´rez-Fidalgo, A., Magro, A., Rosello, S. et al. 2009, 'Optimal delivery of anthracycline-based chemotherapy in the adjuvant setting improves outcome of breast cancer patients', *Breast Cancer Res Treat*, vol.114, pp.479-484.
- Constantinou, A.I., Lantvit, D., Hawthorne, M., Xu, X., van Breemen, R.B., Pezzuto, J.M. 2001, 'Chemopreventive effects of soy protein and purified sof isoflavones on DMBA-induced mammary tumors in female Sprague-Dawley rats', *Nutri And Cancer*, vol.41, pp.75-81.
- Cory, S. dan Adam, J.M. 2002, 'The Bcl-2 family: regulators of the cellular life or death switch', *Nat Rev Cancer*, no.2, pp.647-656.
- Costa, I., Solanas, M., dan Escrich, E. 2002, 'Histopathologic characterization of mammary neoplastic lesions with 7,12 dimethylbenz(a)anthracene in the rat; comparative analysis with human breast cancers', *Arch Pathol Lab Med*, vol.126, pp.915-927.

- Cragg, G.M., Kingston, D.G.I., dan Newman, D.J. 2005, *Anticancer Agents from Natural Products*, FL: Taylor and Francis, Boca Raton, pp.47-70.
- Cryns, V. dan Yuan, J. 1998, 'Proteases to die for', *Genes Dev*, no.12, pp.1551-1570.
- Dixon, J.M. 2000, *Breast Cancer: Diagnosis and Management*, Elsevier, Amsterdam.
- Duncan, A.M., Phipps, W.R., dan Coetze, M.S. 2003, 'Phytoestrogens: best practice', *Res Clin Endocrin Met*, vol.17, pp.253-271.
- Erwig, L.P. dan Henson, P.M. 2008, 'Clearance of apoptotic cells by phagocytes', *Cell Death Differ*, vol.15, pp. 243-250.
- Gao, J., Lauer, F.T., Dunaway, S., dan Burchiel, S.W. 2005, 'Cytochrome P450 1B1 is required for 7,12-dimethylbenz(a)anthracene (DMBA)-induced spleen cell immunotoxicity', *Toxicol Sci*, vol.86, no.1, pp.68-74.
- Ghozali, I. 2008, 'Completely randomized design lebih dari dua treatment', *Desain Penelitian Eksperimental*, Badan Penerbit Universitas Diponegoro, Semarang.
- Hakem, R. dan Harrington, L. 2005, 'Cell death', dalam Tannock, I.F., Hill, R.P., Bristow, R.G., Harrington, L., *The Basic Science of Oncology*, 4th Ed, McGraw-Hill, New York.
- Hanahan, D. dan Weinberg, R.A. 2000. 'The hallmarks of cancer review', *Cell*, vol.100, pp.57-70.
- Hartwell, J.L. 1982, *Plants Used against Cancer*, Quarterman, Lawrence, MA.
- Herwiyanti, S. 2014, 'Potensi senyawa 1,2-epoksi-3-[3-(3,4-dimetoksifenil)-4H-1-benzopiran-4-on]propana sebagai antikanker: kajian in vitro aktivitas molekuler sel kanker payudara T47D dan MCF-7 serta aktivitas molekuler in vivo pada hewan model yang diinduksi 7,12-dimethylbenz(a)anthracene (DMBA)', *Disertasi*, Fakultas Kedokteran Universitas Gadjah Mada, Yogyakarta.
- Hoffman, E.J. 1999, *Cancer and Search for Selective Biochemical Inhibitors*, CRC Press, Boca Raton, London.

- Jager, R. dan Zwacka, R.M. 2010, 'The enigmatic roles of caspases in tumor development', *Cancers*, vol.2, pp.1952-1979.
- Jonges, L.E., Nagelkerke, J.F., Ensink, N.G., van der Velde, E.A., Tollenaar, R.A., Fleuren, G.J. et al. 2001, 'Caspase-3 activity as a prognostic factor in colorectal carcinoma', *Lab Invest*, vol.81, pp.681-688.
- Kumar, V., Abbas, A.K., dan Fausto, N. 2005, *Robbins and Contran Pathology Basic of Diseases*, 7th Ed, Elsevier Saunders, Philadelphia.
- Kuwana, T. dan Newmeyer, D.D. 2003, 'Bcl-2-family proteins and the role of mitochondria in apoptosis', *Curr Opin Cell Biol*, vol.15, pp.691-699.
- Lamartienere, C.A., Cotroneo, M.S., Fritz, W.A., Wang, J., Marcel, R.M., Elgavish, A. 2002, 'Genistein chemoprevention: timing and mechanism of action in murine mammary and prostate', *J Nutri*, vol.132, pp.552S-558S.
- Lamartienere, C.A., Zhang, J.X., dan Cotroneo, M.S. 1998, 'Genistein studies in rats: potential for breast cancer prevention and reproductive and developmental toxicity', *Am J Clin Nutr*, pp.1400S-1405S.
- Legan, M. 2003, 'The role of cyclooxygenase-2 in the malignant tissue and possible applicability of cyclooxygenase-2 inhibitors in the therapy of cancer', *Radiol Oncol Review*, vol.37, no.3, pp.187-194.
- Li, Y., Upadhyay, S., Bhuiyan, M., dan Sarkar, F.H. 1999, 'Induction of apoptosis in breast cancer cells MDA-MB-231 by genistein', *Oncogene*, vol.18, pp.3166-3172
- Lin, E.Y., Li, J.F., Gnatovskiy, L., Deng, Y., Zhu, L., Grzesik, D.A. et al. 2006, 'Macrophages regulate the angiogenic switch in a mouse model of breast cancer', *Cancer Res*, vol.66, pp.11238-11246.
- Marik, R., Allu, M., Anchoori, R., Stearns, V., Umbricht C.B., dan Khan, S. 2011, 'Potent genistein derivatives as Inhibitors of Estrogen Receptor Alpha-positive Breast Cancer', *Cancer Biol Ther*, vol. 11, no.10, pp.883-892.

- Matthews, J. dan Gustafsson, J.A. 2003, 'Estrogen signalling: a subtle balance between ERa and ERb', *Mol Interv*, vol.3, no.5, pp.281-292.
- Messina, M. 2010, 'Insights gained from 20 years of soy research', *J Nutri*, vol.140, pp.2289S-2295S.
- Miyata, M., Kudo, G., Lee, Y., Yang, T.J., Gelboin, H.V., dan Gonzalez, F.J. 1999, 'Targeted disruption of the microsomal epoxide hydrolase gene', *J Biol Chem*, vol.274, pp.23963-8.
- Murril, W.B., Brown, N.M., Manzollillo, P.A., Zhang, J.X., Barnes, S., dan Lamartiniere, C.A. 1996, 'Prepubertal genistein exposure suppresses mammary cancer and enhances gland differentiation in rats', *Carcinogenesis*, vol.17, pp.1451-1457.
- NAMS 2011, 'Isoflavones report', *Menopause*, vol.18, pp.732-753.
- Nowell, P.C. 1976, 'The clonal evolution of tumor cell populations', *Science*, vol.194, pp.23-28.
- O'Donovan, N., Crown, J., Stunell, H., Hill, A.D., McDermott, E., O'Higgins, N. et al. 2003, 'Caspase 3 in breast cancer', *Clin Cancer Res*, vol.9, pp.738-742.
- Pitot, H.C. dan Dragan, Y.P. 2001, 'Chemical carcinogenesis', in Curtis D Klaasen, Casarett & Doull's, *Toxicology, The Basic Science of Poisons*, 6th Ed, Mc. Graw Hill. Medical Publishing Division, New York, pp.241-280.
- Prince, M., Campbell, C.T., Robertson, T.A., Wells, A.J., dan Kleiner, H.E. 2005, 'Naturally occurring coumarins inhibit 7,12-dimethylbenz(a)anthracene DNA adduct formation in mouse mammary gland', *Carcinogenesis*, vol.2, no.2, pp.205-212.
- Reed, J.C. 2000, 'Mechanisms of apoptosis', *Am J Pathol*, no.157, pp.1415-1430.
- Sarkar, F.H. dan Li, Y. 2003, 'Soy isoflavones and cancer prevention', *Cancer Invest*, vol.21, pp.744-757.
- Seton-Rogers, S. 2006, 'Activating the executioner', *Nat Rev Cancer*, vol.6, no.10, pp.748-749.
- Simstein, R., Matthew, B., Amanda, P., Christopher, W., dan Barbara, B. 2003, 'Apoptosis, chemoresistance and breast cancer: insight from the MCF-7 cell

model system', *Exp Biol Med*, vol.228, no.9, pp.995-1003.

Singh, J. dan Gupta, K.P. 2007, 'Induction of apoptosis by calcium D-glucarate in 7,12-dimethylbenz(a)anthracene-exposed mouse skin', *J Environ Pathol Toxicol Oncol*, vol. 26, no.1, pp. 63-73.

Singletary, K., MacDonald, C., Iovinelli, M., Fisher, C., dan Wallig, M. 1998, 'Effect of the beta-diketones diferuloylmehane (curcumin) and dibenzoylmehane on rat mammary DNA adducts and tumors induced by 7,12-dimethylbenz(a)anthracene', *Carcinogenesis*, vol.19, pp.1039-1043.

Pasqualini, C., Bojda, F., dan Kerdelhue, B. 1988, 'In vitro estrogen-like effects of 7,12-dimethylbenz(a)anthracene on anterior pituitary dopamine receptors of rats', *Cancer Res*, vol.48, pp.6434-6437.

Vakkala, M., Paakko, P., Soini, Y. 1999, 'Expression of caspase 3, 6, and 8 is increased in parallel with apoptosis and histological aggressiveness of the breast lesion', *Br J Cancer*, vol.81, pp.592-599.

Veeck, J. dan Esteller, M. 2010, 'Breast cancer epigenetic: from DNA methylation to microRNAs', *J Mammary Gland Biol Neoplasia*, vol.15, no.1, pp.5-17.

Winchester, D.J., Winchester, D.P. 2000, *Atlas of Clinical Oncology*, B.C. Decker Inc., Hamilton, London.

Wu, A.H., Yu, M.C., Tseng, C.C., dan Pike, M.C. 2008, 'Epidemiology of soy exposures and breast cancer risk', *Br J Cancer*, vol.98, pp.9-14.

Yoo, N.J., Kim, H.S., Kim, S.Y., Park, W.S., Kim, S.H., Lee, J.Y. et al. 2002, 'Stomach cancer highly expresses both initiator and effector caspases; an immunohistochemical study', *APMIS*, vol.110, pp.825-832.

WHO 2014, *Cancer*, <http://www.who.int/mediacentre/factsheets/fs297/en/>, dilihat tanggal 30 Juli 2014.