

## DAFTAR PUSTAKA

- Abdullah, A H., Mohammed, A S., Abdullah, R., Mirghani, M. E S., and Al-Qubaisi, M., 2014, Cytotoxic effects of *Mangifera indica* L. Kernel extract on human breast cancer (MCF-7 and MDA-MB-231 cell lines) and bioactive constituents in the crude extract, *BMC Complementary and Alternative Medicine*, **14**, 199.
- Amundson, S.A., Myers, T.G., Scudiero, D., Kitada, S., Reed, J.C., and Fornace A.J., 2000, An Informatics Approach Identifying Markers of Chemosen- sitivity in Human Cancer Cell Lines, *Cancer Res*, **60**, 6101–6110.
- Aouali, N., Morjani, H., Trussardi, A., Soma, E., Giroux, B., and Manfait, M., 2003, Enhanced Cytotoxicity dan Nuclear Accumulation of Doxorubicinloaded Nanospheres in Human Breast Cancer MCF-7 Cells Expressing MRP1, *International Journal of Oncology*, **23**, 1195-1201.
- Arianingrum, R., Sunarminingsih, R., Meiyanto, E., dan Mubarika, S., 2016, pengaruh p-hidroksi m-metoksi kalkon (pHmMK) terhadap ekspresi protein bcl-2 dan bax pada sel kanker payudara MCF-7, *Jurnal Penelitian Saintek*, (21) **1**, 10-21.
- Arun, B., dan Hortobagyi, G. N., 2001, Progres in Breast Cancer Chemoprevention, *Endocrine-related Cancer*, **9**, 15-32.
- Barreto, J. C., Trevisan, M. T.S., Hull, W. E., Erben, G., De' Brito, E. S., Pfundstein, B.R., Gerd W., Spiegelhalter, B., and Owen, R.W., 2008, Characterization and Quantitation of Polyphenolic Compounds in Bark, Kernel, Leaves, and Peel of Mango (*Mangifera indica* L.), *American Chemical Society*, **56**, 5599-5610.
- Corwin, E. J., 1996, *Buku Saku Patofisiologi*, Penerbit Buku Kedokteran EGC, Jakarta.
- D'Archivio, M., Santangelo, C., Scazzochio, B., Vari, R., Filesi, C., Massela, R., and Giovannini, C., 2008, Modulatory effect of polyphenol on apoptosis induction relevance for cancer prevention, *Int. J. Mol. Sci*, **9**, 213-228.
- Davis, J. M., Navolanic, P. M., Weinstein Oppenheimer, C. R., Steelman, L.S., Wei, H., Konopleva, M., Blagosklonny, M. V., and McCubrey, J. A., 2003, Raf-1 and Bcl-2 Induce distinct and common pathways that contribute to breast cancer drug resistance, *Clin. Cancer Res.*, **9**, 1161-1170.

- Depkes RI., 1986, *Sediaan Galenik*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Depkes RI., 1979, *Farmakope Indonesia edisi III*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Depkes RI, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Departemen Kesehatan Republik Indonesia, Jakarta, 11.
- Depkes RI, 2008, *Farmakope Herbal Indonesia. Edisi 1*, Departemen Kesehatan Republik Indonesia, Jakarta, 11-12.
- Depkes RI., 2015, *Pusat Data Dan Informasi*, Departemen Kesehatan Republik Indonesia, Jakarta Selatan.
- Doyle, A., dan Griffiths, J. B., 2000, *Cell and Tissue Culture for Medical Research*, John Willey and Sons Ltd. : New York.
- Fadjari, H., 2012, *Pendekatan Diagnosis Benjolan di Payudara*, Subbagian Hematologi-Onkologi Medik, RSUP Hasan Sadikin, Bandung.
- Fitria, M., Armandari, I., Septhea, D.B., Ikawati, A.H.M., dan Meiyanto, E., 2011, Ekstrak etanolik herba ciplukan (*Physalis angulata L.*) berefek sitotoksik dan menginduksi apoptosis pada sel kanker payudara MCF-7, *Jurnal Ilmu-ilmu Hayati dan Fisik* Vol. 13, 2, 101 – 107.
- Hsu, Y. L., Kuo, P. L., Tzeng, W. W., and Lin, C. C., 2006, Chalcone Inhibits the proliferation of human breast cancer cell by blocking cell cycle progression and inducing apoptosis, *Food Chem Toxicol*, 44(5), 704-713.
- Igney, F. H., and Krammer, P. H., 2002, Review: Death and anti-death: Tumor Resistance to Apoptosis, *Nature Review: Cancer*, 2, 277-286.
- Istiqomah., 2013, Perbandingan Metode Ekstraksi Maserasi dan Sokletasi Terhadap Kadar Piperin Buah Cabe Jawa (*Piperis retrofacti fructus*), *Skripsi*, Universitas Islam Negeri Syarif Hidayatullah, Jakarta.
- Jutiviboonsuk, A., and Sardsaengjun, C., 2010, Mangiferin in Leaves of Three Thai Mango (*Mangifera indica*L.) Varieties, *IJPS*, 6 (3), 122-129.
- King, R.J.B., 2000, *Cancer Biologi*, 2<sup>nd</sup> edition, Pearson Education Limited, London, 149-168.
- Li-Li Pan., Wang, A.Y., Huang, Y.Q., Luo, Y., Ling, M., 2014, Mangiferin Induces Apoptosis by Regulating Bcl-2 and Bax Expression in the CNE2

- Nasopharyngeal Carcinoma Cell Line, *Asian Pacific Journal of Cancer Prevention*, **15**, 7065-7068.
- Martin, K.R., 2006, Targeting apoptosis with dietary bioactive agents, *Exp. Biol. Med.*, **231**, 117-129.
- Mitrasinovic, Petar M. dan Mihajlovic M. L., 2008, Recent Advances in Radiation Therapy of Cancer Cells: A Step towards an Experimental dan Systems Biology Framework, *Current Radiopharmaceuticals*, *Bentham Science Publishers Ltd.*, **1**, 22-29.
- Mukharini., 2014, Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif, *Jurnal Kesehatan*, **7** (2).
- Mosmann, T., 1983, Rapid Colorimetric Assay for Cellular Growth & Survival: Application to Proliferation and Cytotoxicity Assays, *Journal of Immunological Method*, **65**, 65-59.
- Nikkhah, G., Tonn, J.C., Hoffmann, O., Kraemer, H.P., Darling, J.L., Schonmayr, R., and Schachenmayr, W., 2004, The MTT Assay for Chemosensitivity Testing of Human Tumors of The Central Nervous System, *Journal of Neuro-Oncology*, **13**, 1-11.
- Salles A. J. N., Daglia, M., Rastrelli, L., 2014, The potential role of mangiferin in cancer treatment through its immunomodulatory, anti-angiogenic, apoptotic, and gene regulatory effects, *Review Article*, 1-17.
- Pracaya, 1998, *Bertanam Mangga bapang*, Penebar Swadaya, Jakarta.
- Price, S.A., dan Wilson, L.M., 2005, *Patofisiologi : Konsep Klinis Proses-Proses Penyakit*, Jakarta: EGC, Volume 2 Ed/6, 1106-1129.
- Ramli, M., 2015, *Update Breast Cancer Management Diagnostic and Treatment*, Universitas Andalas, Padang, Vol. 38
- Sarasin, A., 2003, An Overview of the Mechanism of Mutagenesis and Carcinogenesis, *Mutation Research*, **544**, 99-106.
- Sen, R., and Baltimore, D., 1986, Inducibility of kappa immunoglobulin enhancer binding protein Nf-kappa B by a posttranslational mechanism, *Cell*, **47**, 921-928.
- Shishoda, S., Majmudar, S., Benerjee, S., and Aggarwal, B.B., 2003, Ursolic acid inhibits Nuclear Factor-kB Kinase and p56 phosphorylation: correlation with down-Regulation of COOX-2, Matrix Metalloproteinase 9, and Cyclic d1, *Cancer Research*, **63**, 4375-4383.

- Simstein, R., Burow, M., Parker, A., Weldon, C., and Beckman, B., 2003, Apoptosis, Chemoresistance, and Breast Cancer: Insights From the MCF-7 Cell Model System, *Exp Biol Med.*, **228**, 995–1003.
- Thompson, E. B., 1985, Drug Bioscreening, Graceway Publishing Company, Inc., America, 40, 118.
- Tjitrosoepomo, G., 1985, *Morfologi Tumbuhan*, Gadjah Mada University Press, Yogyakarta.
- USDA, 2018, Natural Resources Conservation Service, <http://plants.usda.gov/core/profile?symbol=main3>, diakses tanggal 17 Oktober 2018.
- Vogel, A. I., 1984, *Anorganik Kualitatif Makro dan Semi Mikro*, PT Kalman Media Pustaka, Jakarta.
- Voight, R., 1994, *Buku Pelajaran Teknologi Farmasi*, Diterjemahkan oleh Soendani Noerono Soewandhi, Gadjah Mada University Press, Yogyakarta, **135**, 570-571.
- Westphal, D., Dewson, G., Czabotar, P. E., and Kluck, R. M., 2011, Molecular biology of Bax and Bak activation and action, *Review Article*, 521-531.
- Widijanti, A., dan Bernar, T. R., 2007, *Pemeriksaan Laboratorium Penderita Diabetes Melitus*, Laboratorium Patologi klinik RSUD Dr. Saiful Anwar. <http://www.tempo.co.id/medika/online/tmp.online.old/pus-1.htm>. diakses tanggal 17 Oktober 2018.
- Wong, H. L., Bendayan, R., Rauth, A. M., Xue, H. Y., Babakhanian, K., and Wu, X. Y., 2006, A mechanistic study of enhanced doxorubicin uptake and retention in multidrug resistant breast cancer cells using a polymer-lipid hybrid nanoparticle system, *The Journal of Pharmacology and Experimental Therapeutics*, **317**(3), 1372-1381.