

DAFTAR PUSTAKA

- Adelmann., Christine R., Lau, Kin-Mang., Sabeti, N., Long, J.P., Mok, S.C., and Shuk., 2000, Alered Expression of BRCA1, BRCA2 and A Newly Identified BRC2 Exon 12 Deletion Variant in Malignant Human Ovarian, Prostate, and Breast Cancer Cell Line, *Molecular Carcinogenesis.* 28, 236-246.
- Adinugraha, H.A., Kartikawati, N.K., Setiadi, Dedi., dan Prastyono., 2014, *Pengembangan Teknik Budidaya Sukun (Artocarpus altilis) Untuk Ketahanan Pangan ,* IPB Press, Jakarta.
- Arung, E. T., Wicaksono, B.D., Handoko, Y. A., Kusuma, I. W., Yulia, D., and Sandra, F., 2009, Anti Cancer Properties Of Diethylether Extract Of Wood Form Sukun (*Artocarpus Altilis*) In Human Breast Cancer (T47D) Cells, *Trop J pharm Res.,* 8, 4, 317.
- Basma, H., El-Refaey, H, Sgagias, M.K., Cowan, K.H., Xu Luo, and Cheng, P.,2005, BCL2 Antisense and Cisplatin Combination Treatment of MCF-7 Breast Cancer Cells With or Without Functional p53. *Journal of Biomedical Science,* 12, 999–1011.
- CCRC, 2010, Standard *Operating Procedure, Cancer Chemoprevention Research* Center Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- CCRC, 2016, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.**
- Cepeda, V., Miguel, A.F., Josefina, C., Alonso, C., Celia, Q., and Jose, M.P., 2007. Biochemical Mechanism of Cisplatin Cytotoxicity. *Anti Cancer Agen in Medical Chemistry,* 7, 3–18.
- Dalimartha, S., 2004, *Deteksi Dini Kanker dan Simplisia Antikanker,* Penebar Swadaya, Jakarta.
- Depkes RI, 1979, *Farmakope Indonesia,* Edisi Ketiga, Jakarta, Departemen Kesehatan RI, Halaman. 32-33, 649, 696.
- Depkes RI, 1986, *Sediaan Galenik,* Jakarta, Departemen Kesehatan RI, Halaman 10-11.
- Depkes R.I., 1991, *Inventaris Tanaman Obat Indonesia,* Edisi I. Departemen Kesehatan RI dan Badan Penelitian dan Pengembangan Kesehatan, Jakarta

- Depkes RI, 1997, *Inventaris Tanaman Obat Indonesia*, Edisi IV, Departemen Kesehatan RI dan Badan Penelitian dan Pengembangan Kesehatan, Jakarta.
- Depkes RI, 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Departemen Kesehatan Republik Indonesia, Jakarta, 9, 10-17..
- Dhar, S.N., Kolishetti, S., Lippard and Farokhzad, 2011, Retargeted Delivery of a Cisplatin Prodrug for Safer and More Effective Cancer Therapy In Vivo, *Proceedings of The National Academy of Sciences*, 1850-1855.
- Dipiro, J. T., Talbert, R. L., Matzke, G. R., Well, B. G., and Posey, L. M., 2002, A Pathophysiologic Approach, *Pharmacotherapy*, 5th, North America 2211-2252.
- Doyle, A., and Griffiths, J.B., 1998, *Cell and Tissue Culture: Laboratory Procedures in Biotechnology*, Wiley, Chichester.
- Doyle, A., and Griffith, J.B., 2000, *Cell and Tissue Culture for Medical Research*, John Wiley and Sons, Ltd., New York.
- Elwood J, Cox B, and Richardson A., 1993, The Effectiveness of Breast Cancer Screening by Mammography in Younger Women, *Online J Curr Clin Trials*, 32.
- Florea, M.A., and Busselberg, D., 2011, Cisplatin as an Anti-Tumor Drug Cellular Mechanism of Activity, Drug Resistance and Induced Side Effect, *Cancer*, 3, 1351-1371.
- Foster, J.S., Henley, D.C., Ahmed, S., and Wimalasena, J., 2001, Estrogen and Cell Cycle Regulation in Breast Cancer, *Endocrinology and Metabolism*, 12, 320-327.
- Freshney, R. I., 1996, *Animal Cell Culture, a Practical Approach*, 1st Edition, IRL Press, Washington DC, 3-5, 8-10, 13-15, 73-77, 183, 192-193, 214.
- Gibbs, J.B., 2000, Mechanism-Based Target Identification and Drug Discovery in Cancer Research, *Science*, 287, 1969-1973.
- Gibellini L., Marcello P., Milena N., Montagna, S.D., Erika R., Linda B., Edwin L.C., and Andrea C., 2011, Quercetin and Cancer Chemoprevention, Hindawi Publishing Corporation, 591356.
- Globocan., 2008, Cancer Prevalance Estimates are now Available, URL, <http://www.iarc.fr/en/media-centre/iarcnews/2011/globocan2008-prev.php> (**diakses tanggal 29/11/2014**).

- Goddard, G.Z.M.D., and Blank M., 2002, *Apoptosis and Autoimmunity*, IMAJ, 4, 722-724.
- Gunawan, D., and Mulyani S., 2004, Ilmu Obat Alam, Penebar Swadaya, Jakarta.
- Gustina, V.M., 2016, Sitotoksisitas Metanol Daun Sukun (*Artocarpus altilis*) Daun Nangka (*Artocarpus heterophyllus*) Daun Kluwih (*Artocarpus camansi*) Terhadap Sel Kanker Payudara T47D, Universitas Muhammadiyah Surakarta, Surakarta.
- Hahn, William C., and Weinberg, Robert A., 2002, Modelling The Molecular Circuitry of Cancer, *Nature Revies Cancer*, 2, 331-341.
- Hakim, E.H., Asnizar, Yunawilis, Aimi, N., Kitajima, M., and Takayama , H., 2002, Artoindonesianin P, a new prenylated flavones with cytotoxic activity from *Artocarpus lanceifolius*, *Fitoterapia*, 73: 688-673.
- Hakim, A., 2011, Keanekaragaman Metabolit Sekunder Genus *Artocarpus* (Moraceae), *Nusantara Bioscience*, 2: 146-156.
- Hanahan, D., and Weinberg, R. A., 2000, The Hallmark of Cancer, *J Cell*, 100, 57-10.
- Hanahan, D., and Weinberg, R.A., 2011, Hallmarks of Cancer, *The Next Generation Cell*, 144, 646-674.
- Harbone, J.B., 1996, *Metode Fitokimia Penuntun Cara Modern Menganalisis Tumbuhan*, Institut Teknologi Bandung (ITB), Bandung, 84-85.
- Heyne, K., 1987, Tumbuhan Berguna Indonesia. Jilid II, Badan Penelitian dan Pengembangan Kehutanan, Departemen Kehutanan RI, Jakarta.
- Holzer, A.K., Manorek, G.H., and Howell, S.B., 2006, Contribution of Major Copper Influx Transporter CTR1 to The Celluler Accumulation of Cisplatin, Carboplatin, Oxaliplatin, *Mol Pharmacol*, 7, 1390-1394.
- IARC, 2013. Latest World Cancer Statistics Global Cancer Burden Rises To 14.1 Million New Cases In 2012: Marked Increase In Breast Cancers Must Be Addressed. World Health Organization.
- Ichsan, B., dan Suhendi, A., 2012, Pengembangan Ekstrak Kulit Kayu Kluwih (*Artocarpus communis J.R*) Sebagai Bahan Obat Herbal Terstandar (OHT) Antitumor Payudara : Uji Invitro, Standarisasi Ekstrak, dan Kajian Praklinik, Laporan Akhir Penelitian, Fakultas Kedokteran Universitas Muhammadiyah Surakarta.

- Imai, Y., Ishikawa, E., Asada S., and Sugimoto, Y, 2005, Estrogen Mediated Post Transcriptional Down-Regulation of Breast Cancer Resistance Protein/ABCG2, *Cancer Research*, 65, 596-604.
- Jamieson, E.R., and Lippard, S.K., 1999, *Structur Recognition and Processing of Cisplatin DNA Adducts*, Chem Rev, 99, 2467-2498.
- Jayasinghe L, Balasooriya BAIS., Padmini WC Hara N., Fujimoto Y. 2004. Geranyl chalcone derivatives with antifungal and radical scavenging, *Phytochem*, 65: 1287- 1290.
- Jemal, A., Bray, F., Mellisa, M.C., Ferlay, J., and Ward, E., 2011, Global Cancer Statistic, *CA Cancer J. Clin*, 61, 43-66.
- Jones, R.G., Northever, J.M.A., and Cervantes, A., 2010, Anal Cancer ESMO Clinical Practice Guidelines For Diagnosis, *Annals of Oncology*, 21, v87–v92.
- Khan, M.R., Omoloso, A.D., Kihara, M., 2003, Antibacterial activity of Artocarpusheterophyllus, *Fitoterapia*, 74: 501- 505.
- Kodali, S., Burkley, M., Nag, K., Taylor, R.C., and Moudgil, V.K., 1994, Taxol and Cisplatin Inhibit Proliferation of T47D human Breast Cancer Cell, *Biochemical and Biophysical Research Communications*, 202, 1413–1419.
- Listianingsih, D., 2016, Efek Sitotoksik Kombinasi Ekstrak Daun Kenikir dan Cisplatin terhadap Sel Kanker Payudara T47D, Universitas Wahid Hasyim, Semarang.
- Larasati, Y.A., 2013, Studi Pengaruh Kombinasi Cisplatin dengan Destilat Kayu Manis (*Cinnamomum burmannii*) terhadap Efek Sitotoksik dan Induksi Apoptosis Pada Sel Kanker Serviks HeLa, Universitas Gadjah Mada, Yogyakarta.
- Loehrer, P.J., and Einhorn, L.H., 1984, Drugs Five Years Later Cisplatin. *Annals of Internal Medicine*, 100, 704–713.
- Lotulung, P.D.N., Fajriah, S., Hanafi, M and Filaila, E., 2008, Identification of Cytotoxic Compund from *Artocarpus communis* Leaves Against P-388 Cells, *Pakistan Journal of Biological Science*, 11(21): 2517-2520.
- Mechetner, E., Kyshtoobateva, A., Zonis, S., Kim, H., Stroup, R., Garcia R., Parker, R.J., and Fruehauf, J.P., 1998, Levels of Multidrug Resistance (MDR1) P-glycoprotein Expression by Human Breast Cancer Correlate

- With in vitro Resistance to Taxol and Dokosrubisin, clin. Cancer Res., 4, 389-398.
- Milosavljevic, N., Duranton, C., Djerbi, N., Puech, P., Gounon, P., Lagadicossman, D., dkk., 2010, Nongenomic Effects Of Cisplatin Acute Inhibition Of Mechanosensitive Transporters And Channels Without Actin Remodeling Molecular and Cellular Pathobiology, 70, 7514–7522.
- Mokhtari, M., J., Akbarzadeh, A., Hashemi, M., Javadi, G., Mahdian, M., Mehrabi, M., R., Farhangi, A., and Mohammadi, H., 2012, Cisplatin Induces Down Regulation of BCL2 in T47D Breast Cancer Cell Line, Advanced Studies in Biology, 4, 1, 19 – 25.
- Mosmann, T., 1983, Rapid Colorimetric Assay for Cellular Growth and Survival : Application to Proliferation and Cytotoxicity Assay, Journal of Immunological Method, 65, 65-69.
- Panno, J., 2005. CANCER The Role of Genes, Lifestyle, and Environment, Facts On File Inc, New York.
- Ren, W., Qiao, Z., Wang, H., Zhu, L., and Zhang, L., 2003, Flavonoids Promicing Anticancer Agents, Med Res Rev., 23 (4), 519-534.
- Reynold, C.P., and Maurer, B.J., 2005, Evaluating Response to Antineoplastic Drug Combinations in Tissue Culture Models, Methods Mol, 110, 173–183.
- Schafer, J.M., Lee, E.S., O'Regan, R.M., Yao, K., and Jordan, V.C., 2000, Rapid Development of tamoxifen-stimulated Mutant p53 Breast Tumors (T47D) In Athymic Mice. Clinical Cancer research, 6, 4373–80.
- Sigal, A., and Rotter, V., 2000, Oncogenic Mutations of The p53 Tumor Suppressor The Demons of The Guardian of The Genome, 24, 6788–93.
- Tjindarbumi, D., and Mangunkusumo, R., 2002, Cancer in Indonesia, Present and Future, Jpn J Clin Oncol, 32, S17-S21.
- Tyagi, A.K., Agarwal, C., Chan, D.C.F., and Agarwal, R, 2004, Synergistic Anti-Cancer Effects of Silibinin with Conventional Cytotoxic Agents Dokosrubisin, Cisplatin and Carboplatin against Human Breast Carcinoma MCF-7 and MDA-MB468 Cells, Oncology Reports, 11, 493-499.
- Van Steenis, C.G.G.J., 2003, *Flora*, hal 233-236, P.T. Pradya Paramita, Jakarta.

- Voight, R, 1994, *Buku Pelajaran Teknologi Farmasi*, Alih Bahasa Soewandhi, Edisi Kelima, Yogyakarta, Gadjah Mada University Press, Halaman 564.
- Weerapreeyakul, N., Nonpunya, A., Barusrux, S., Thitmetharoch, T., and Sripanidkulchai, 2012, Evaluation of The Anticancer Potential of Six Herbs Against a Hepatoma Cell Line, Chineese Medicine, 7 (15),1-7.
- Widowati, P., 2017, Sitotoksisitas Ekstrak Metanol Daun Sukun (*Artocarpus altilis*), Nangka (*Artocarpus heterophyllus*) dan Kluwih (*Artocarpus camansi*) Terhadap Sel Kanker Payudara MCF-7, Skripsi, Universitas Muhammadiyah, Surakarta.
- Widyawaruyanti, A., Subehan, S.K., Awale, S., Nindatu, M., Zaini, N.C, Syafruddin, D., Asih, PBS, Tezuka, Y., Kadota, S., 2007, New Prenylated Flavones From Artocarpus Champeden, and Their Antimalarial Activity In Vitro, *J Nat Med*,61: 410-413.
- Windsor, R.E., Strauss, S.J., Kallis, C., Wood, N.E., and Whelan, J.S., 2012, Germline Genetic Polymorphisms May Influence Chemotherapy Response And Disease Outcome In Osteosarcoma: A Pilot Study. *Cancer*, 118, 1856– 1867.
- Witantri, R.K., Ruspendi, E.C.A., Saputro, D.S., 2015, Keanekaragaman Pohon Berpotensi Obat Antikanker Di Kawasan Kampus Kentingan Universitas Sebelas Maret, Surakarta, Jawa Tengah, *Pros Sem Nas Masy Biodiv Indon*, 1 (3): 477-483
- Zhao, L., Wientjes, M.G., and Au, J.L-S., 2004, Evaluation of Combination Chemotherapy: Integration of Nonlinear Regression, Curve Shift, Isobologram, and Combination Index Analyses, *Clin Canc. Res.*, 10, 7994-8004.
- Zhou, J., Liu, M., Aneja, R., Chandra, R., Lage, H. and Joshi, H.C., 2006, Reversal of P-glycoprotein-Mediated Multidrug Resistance in Cancer Cells by the c-Jun NH₂-Terminal Kinase, *Cancer res*, 66 (1), 445-452

