

DAFTAR PUSTAKA

- [ATCC] American Type Culture Collection. 2008. Product Details. <http://www.atcc.org/Default.aspx?base>. Diakses tanggal 24 Januari 2019
- [ITIS] Integrated Taxonomical Information System. 2011. *Gyrinops versteegii*. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=845834#null. Diakses tanggal 24 Januari 2019
- [PFAF] Plant for a Future. 2012. *Aquilaria malaccensis* Lam. <https://pfaf.org/USER/Plant.aspx?LatinName=Aquilaria+malaccensis>. Diakses tanggal 3 Februari 2019
- Anonim^a. 2013. *Riset Kesehatan Dasar*. Badan Penelitian Dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia.
- Anonim^b. 2003. Million Women Study: Breast cancer and hormone-replacement therapy. *The Lancet*. 362: 419-427.
- Anonim^c. 2012. American Cancer Society. *Breast Cancer Facts & Figures 2011-2012*. Atlanta: American Cancer Society, Inc. PP 1-9
- Anwar, S.L., S.J. Haryono, T. Aryandono, dan S.M. Haryana. 2018. *Micro-RNA: Biogenesis, Fungsi, dan Perannya dalam Proses Karsinogenesis dan Penatalaksanaan Kanker*. UGM Press. Yogyakarta. PP 56-58
- Atangwho, I.J., P.E. Ebong, E.U. Eyong, and G.E. Egbung. 2010. Combined extracts of *Vernonia amygdalina* and *Azadirachta indica* may substitute insulin requirement in the management of type I diabetes. *Research Journal Medicine and Medical Sciences*. 5 (1): 35-39.
- Bailey, P.C., R.M. Lee, M.I. Vitolo, S.J.P.Pratt, E. Ory, K.Chakrabarti, C.J. Lee, K.N.Thompson and S.S.Martin. 2018. Single-cell Tracking of Breast Cancer Cells Enables Prediction of Sphere Formation from early cell divisions. *iScience*. 8:29-39
- Bopp, S.K. and T. Lettieri. 2008. Comparison of Four Different Colorimetric and Fluorometric Cytotoxicity Assays in Zebrafish Liver Cell Line. *BMC Pharmacology*. 8: 1-11.
- Burdall, E.S., M.A. Hanby, R.J.M. Landsdown, dan V. Speirs. 2003. Breast Cancer Cell Line. *Breast Cancer Res*. 5(2): 89-95.
- Chambers, A.F., A.C Groom, and I.C. MacDonald. 2002. Dissemination and growth of cancer cells in metastatic sites. *Nat Rev Cancer* 2: 563-572
- Chen, Y.C., L. Xia, Z. Zhixiong, I. Patrick, and Y. Euisik. 2015. High-Throughput Cancer Cell Sphere Formation for Characterizing the Efficacy of Photo Dynamic Therapy in 3D Cell Cultures. *Sci. Rep.* 5: 12175
- Clarke-Pearson, D.L. 2012. *Complications of Disease and Theraphy*. Clinical Gynecologic Oncology. P 512
- Cooper, G.M. 2000. *The Cell; A Molecular Approach* 2nd edition. ASM Press. Washington D.C and Sinauer Associates, Inc., Sunderland. PP 31-33
- Dahham, S.S, M.B.K Ahmed, S.M.A Saghbir, F.S Isuede, A.M. Iqbal, and A.M.S.A Majid. 2014. Bioactive essential oils from *Aquilaria crassna* for cancer

- prevention and treatment. *Global Journal on Advances in Applied Sciences*. 4: 26-31.
- Depamede, S. N., dan A. Rosyidi. 2009. Penghambatan Proliferasi Limfosit Mencit Balb'C oleh Ekstrak Testis Sapi Bali: Peran TGF-p. *Media Peternakan*. 32(2): 95-103.
- Doyle, A., dan J. B. Griffiths. 2000. *Cell and Tissue Culture for Medical Research*. John Willey and Sons Ltd. New York.
- Eid, S.Y., M.Z. El-Readi, S.H. Fatani, E.E.M.N. Eldin, and M.Wink. 2015. Natural products modulate the multifactorial multidrug resistance of cancer. *Pharmacology and Pharmacy*. 6: 146-176.
- Fadhilah, Y.S. 2016. Identifikasi Golongan Senyawa Toksik terhadap Sel Kanker Payudara T47D pada Daun Gaharu *Gyrinops versteegii* (Gilg.) Domke dan *Aquilaria malaccensis* Lamk. *Tesis*. Universitas Gadjah Mada
- Ferla, R., V.Calo, S.Cascio, G.Rinaldi, G.Badalamenti, I.Carreca, E.Surmacz, G.Colucci, V.Bazan, and A.Russo. 2007. Founder Mutations in BRCA1 and BRCA2 Genes. *Annals of Oncology*. 18(6):vi93-vi98
- Fundukian, L.J. 2010. *Gale Encyclopedia of Genetic Disorders, 3rd ed.* Cengage Learning. China
- Glinsky, V.V., G.V. Glinsky, O.V. Glinsky, V.H. Huxley, J.R. Turk, V.V. Mossine, S.L. Deutscher, K.J. Pienta and T.P. Quinn. 2003. Intravascular Metastatic Cancer Cell Homotypic Aggregation at the Sites of Primary Attachment to the Endothelium. *American Association for Cancer Research*. 63(13): 3805-3811
- Harbone, J.B. 2006. *Metode Fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan*. Edisi Kedua. Penerbit ITB. Bandung. P 354
- Harvey-Brown, Y. 2018. *Aquilaria malaccensis*. *The IUCN Red List of Threatened Species* 2018: e.T32056A2810130. <http://dx.doi.org/10.2305/IUCN.UK.2018-1.RLTS.T32056A2810130.en>. Diakses tanggal 7 Januari 2019
- Hasegawa, K., W.Ichikawa, T.Fujita, R.Ohno, R.Okusa, K.Yoshinaga, and K. Sugihara. 2001. Expression of cyclooxygenase-2 (COX-2) mRNA in human colorectal adenomas. *European Journal of Cancer*. 37: 1469-1470
- Hazan, R.B., G.R. Philips, R.F. Qiao, L. Norton, and S.A.Aaronson. 2000. Exogenous Expression of N-Cadherin in Breast Cancer Cells Induces Cell Migration, Invasion, and Metastasis. *J Cell Biol*. 148(4):779-790
- Hendra, H. 2015. Identifikasi Golongan Senyawa Antioksidan dan Antibakteri Ekstrak Daun Gaharu (*Aquilaria malaccensis* Lamk.). *Tesis*. Universitas Gadjah Mada
- Holme, D.J. and H.Peck. 1998. *Analytical Biochemistry*. 3rd edition. Prentice Hall, Addison Wesley Longman, Ltd. Singapore, pp: 110-115.
- Hortobagyi, G.N. 1998. Treatment of Breast Cancer. *N English J Med*. 340(4):319
- International Agency for Research on Cancer (IARC). 2012. Estimated cancer incidence, mortality, and prevalence world wide in 2012. GLOBOCAN
- Jensen, W.B. 2007. The Origin of the Soxhlet Extractor. *Journal of Chemical Education*. 84(12):1913
- Kamonwannasit, S., N. Nantapong., P. Kumkrai., P. Luecha., S. Kupittayanant, and N. Chudapongse. 2013. Antibacterial Activity of *Aquilaria crassna* leaf

- extract against *Staphylococcus epidermidis* by disruption of cell wall. *Annals of Clinical Microbiology and Antimicrobials*. 12(20): 1-7
- Kampa M, V.I. Alexaki, G. Notas, A.P. Nifli, A. Nistikaki, A. Hatzoglou, E. Bakogeorgou, E. Kouimtzooglou, G. Blekas, D. Boskou, A. Gravanis, and E. Castanas. 2003. Antiproliferative and Apoptotic Effects of Selective Phenolic Acids on T47D Human Breast Cancer Cells; Potential Mechanisms of Action. *BioMed Central*. 6 (2): 63-74
- Khalil, A. S., A. A. Rahim, K. K. Taha, and K. B. Abdallah. 2013. Characterization of Methanolic Extracts of Agarwood Leaves. *Journal of Applied and Industrial Sciences* 1 (3) : 78-88.
- Kim, M.H. 2003. Flavonoids Inhibit VEGF/bFGF-induced Angiogenesis In Vitro by Inhibiting the Matrix-Degrading Proteases. *Journal of Cellular Biochemistry*. 89(3):529–538
- Kumar, A., J. White, R.J. Christie, N. Dimasi, and C. Gao. 2017. Antibody-Drug Conjugates: Platform Technologies in Drug Discovery and Validation, *Annual Reports in Medicinal Chemistry*. 50: 463
- Kusmiyati, A. 2012. Uji Sitotoksitas dan Aktivitas Antiangiogenesis Ekstrak Etanolik Anggrek Merpati (*Dendrobium crumenatum* Swartz.). Tesis. Universitas Gadjah Mada
- Liu, W., Y. Li, B. Wang, L. Dai, W. Qian, and J.Y Zhang. 2015. Autoimmune response to IGF2 mRNA-Binding Protein 2 (IMP2/p62) in breast cancer. *Scandinavian Journal of Immunology*. 81(6): 502–507
- Lockshin, R.A., and Zakeri, Z., 2007. Cell Death in Health and Disease. *J Cell Mol Med*. 11(6):1214-1224
- Long, N., Wong, W.T., dan Immergut, E.H. 2015. *The Chemistry of Molecular Imaging*. John Wiley & Sons. United State of America. PP 78-80
- Malik, S., R.M.Cusido, M.H. Mirjalili, E.Moyano, J.Palazon, dan M.Bonfill. 2011. Production of Anticancer Drug Taxol in *Taxus baccata* Suspension Culture: A review. *Process Biochemistry*. 46: 23-34.
- Meng, X.G., and Yue, S.W. 2014. Dexamethasone Disrupts Cytoskeleton Organization and Migration of T47D Human Breast Cancer Cells by Modulating the AKT/mTOR/RhoA Pathway. *Asian Pacific Journal of Cancer Prevention*, 15 : 10245-10250
- Mohamed, R. 2016. *Agarwood: Science Behind the Fragrance*. Springer. P 17
- Mosmann, T. 1983. Rapid colorimetric assay for cellular growth and survival: application to proliferation and cytotoxicity assays. *Journal of Immunological Methods* 65 (1–2): 55–63.
- Mrozik, K.M, O.W. Blaschuk, C.M. Cheong, A.C.W Zannettino, and K. Vandyke. 2018. N-cadherin in cancer metastasis, its emerging role in haematological malignancies and potential as a therapeutic target in cancer. *BMC Cancer*. 18: 939.
- Niles, A.L., Moravec, R.A. & Riss, T.L. 2009. In Vitro Viability and Cytotoxicity Testing and Same Well Multi-Parametric Combination for High Throughout Screening. *Current Chemical Genomics* 3:33-41.

- Patience, C., G.R. Simpson, A.A.Coletta, H.M. Welch, R.A.Weiss, and M.T. Boyd. 1996. Human Endogenous Retrovirus Expression and Reserve Transcriptase Activity in the T47D Mammary Carcinoma Cell Line. *Journal of Virology* 70(4): 2654-2657.
- Puspasari, R.R. 2018. Penghambatan siklus sel kanker payudara T47D oleh fraksi aktif ekstrak kloroform daun penghasil gaharu *Gyrinops versteegii* (Gilg.) Domke dan *Aquilaria malaccensis* (Lamrk.). *Skripsi*. Universitas Gadjah Mada
- Rizwan, A., M. Cheng, Z.M. Bhujwalla, B. Krishnamachary, L. Jiang and K. Glund. 2015. Breast cancer cell adhesome and degradome interact to drive metastasis. *NJP Breast Cancer*. 15017
- Rodriguez, L.G., X. Wu, and J.L. Guan. 2005. Wound-healing assay. *Mol Biol* 294: 23-9.
- Salim, Z dan E. Munadi. 2017. *Info Komoditi Tanaman Obat*. Jakarta. Badan Pengkajian dan Pengembangan Perdagangan Kementrian Perdagangan Republik Indonesia. P 1-2
- Samsuri, T. dan H. Fitriyani. 2012. Pembuatan The dari Daun Gaharu Jenis *Gyrinops versteegii*. *Bioscientist*. 1(2):137-138
- Setyaningrum, H.D., dan C. Saparinto. 2014. *Panduan Lengkap Gaharu*. Penebar Swadaya. Jakarta. PP 22-24
- Seyfried, T.N and L. C. Huysentruyt. 2013. On the Origin of Cancer Metastasis. *Critical Review in Oncogeny*. 2013; 18(1-2): 43–73.
- Shamsuddin, N. M., S.Yusup, W. A.Ibrahim, A.Bokhari, , and F. C. Lai. 2015. Oil extraction from *Calophyllum inophyllum* L. via Soxhlet extraction: Optimization using response surface methodology (RSM). *Asian Control Conference (ASCC)*
- Subasinghe, S. M. C. U. P., dan D.S. Hettiarachchi. 2013. Agarwood Resin Production and Resin Quality of *Gyrinops walla* Gaertn. *International Journal of Agricultural Sciences*. 3(1): 357-262.
- Suhartono, T and A.C. Newton. 2001. Reproductive Ecology of *Aquilaria* spp. in Indonesia. *Biological Conservation*. (152): 59 - 71.
- Susilo, K.A. 2003. *Sudah Gaharu Super Pula*. Pustaka Sinar Harapan. Jakarta. PP 5-7
- Susilo, A., K. Titi, S. Erdy. 2014. *Status Taksonomi dan Populasi Jenis-jenis Aquilaria dan Gyrinops*. Pusat Penelitian dan Pengembangan Konservasi dan Rehabilitasi. Bogor. P 43
- Srisawat, T., P.Chumkaew, W.Heed-Chim, Y. Sukpondma, dan K. Kanokwiroon. 2013. Phytochemical Screening and Cytotoxicity of Crude Extract of *Vatica diospyroides* Symington Type LS. *Tropical Journal of Pharmaceutical Research*. 12: 71-76.
- Tiwari, P., B. Kumar, M., Kaur, G., Kaur, dan H. Kaur. 2011. Phytochemical Screening and Extraction. *International Pharmaceutica Scientia*. 1:1-9.
- Wiriadinata, H. 1995. *Gaharu (Aquilaria spp.) Pengembangan dan Pemanfaatan yang Berkelanjutan*. Exploitation Workshop Non-Timber Forest Products (Rattan, Agarwood and Medicinal Plants) Forestry Department. Surabaya