

DAFTAR PUSTAKA

- Abcam. (2007). T47D (Human ductal breast epithelial tumor cell line) Whole Cell Lysate (ab14899) datasheet. <http://www.abcam.com>, diakses 20 Juli 2020.
- Aka, J. A., & Lin, S. X. (2012). Comparison of functional proteomic analyses of human breast cancer cell lines T47D and MCF7. *PLoS ONE*, 7(2), 1–9. <https://doi.org/10.1371/journal.pone.0031532>
- American Cancer Society. (2015). Cancer Facts and Figures, American Cancer Society, Atlanta.
- _____. (2017). Cancer Facts and Figures, American Cancer Society, Atlanta.
- Al-Sayed, H. M. A., & Ahmed, A. R. (2013). Utilization of watermelon rinds and sharlyn melon peels as a natural source of dietary fiber and antioxidants in cake. *Annals of Agricultural Sciences*, 58(1), 83–95. <https://doi.org/10.1016/j.aoas.2013.01.012>
- Anto., & Supriyadi. (2015). Identifikasi senyawa yang berkorelasi terhadap rasa pahit selama perkembangan fase buah melon (*Cucumis melo* L.) Kultivar Gama Melon Parfum. *Tesis*. Fakultas Biologi Universitas Gadjah Mada: Yogyakarta
- Arifin, I., Hermawan, A., Ikawati, M., Haryanti, S., Anindyajati, A., & Meiyanto, E. (2012). Ursolic Acid Enhances Doxorubicin Cytotoxicity on MCF-7 Cells Mediated by G2/M Arrest. *Indonesian Journal of Cancer Chemoprevention*, 3(3), 410. <https://doi.org/10.14499/indonesianjcanchemoprev3iss3pp410-418>
- Arung, E. T., Wicaksono, B. D., Handoko, Y. A., Kusuma, I. W., Yulia, D., & Sandra, F. (2009). Anti-cancer properties of diethylether extract of wood from Sukun (*Artocarpus altilis*) in human breast cancer (T47D) cells. *Tropical Journal of Pharmaceutical Research*, 8(4), 317–324. <https://doi.org/10.4314/tjpr.v8i4.45223>
- ATCC. (2015). Cell Biology, ATCC® Designations: T47D, <http://https://www.atcc.org/products/all/HTB-133.aspx>. Diakses tanggal 19 Juli 2020.
- Bartalis, J., & Halaweish, F. T. (2005). Relationship between cucurbitacins reversed-phase high-performance liquid chromatography hydrophobicity index and basal cytotoxicity on HepG2 cells. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, 818(2), 159–166. <https://doi.org/10.1016/j.jchromb.2004.12.020>

- CCRC. (2009). Prosedur Tetap Uji Sitotoksik Metode MTT, Cancer Chemoprevention Research Center (CCRC), Fakultas Farmasi UGM, Yogyakarta.
- Cory, S., & Adams, J. M. (2002). The BCL2 family: Regulators of the cellular life-or-death switch. *Nature Reviews Cancer*, 2(9), 647–656. <https://doi.org/10.1038/nrc883>
- Dakeng, S., Duangmano, S., Jiratchariyakul, W., U-Pratya, Y., Böglér, O., & Patmasiriwat, P. (2012). Inhibition of Wnt signaling by cucurbitacin B in breast cancer cells: Reduction of Wnt-associated proteins and reduced translocation of galectin-3-mediated β -catenin to the nucleus. *Journal of Cellular Biochemistry*, 113(1), 49–60. <https://doi.org/10.1002/jcb.23326>
- Daryono, B. S., & Maryanto, S. D. (2017). Diversity and Potential Genetic Resources of Melons. Gadjah Mada University Press, Yogyakarta.[Indonesian]
- Davis, R. J. (1995). Transcriptional regulation by MAP kinases. *Molecular Reproduction and Development*, 42(4), 459–467. <https://doi.org/10.1002/mrd.1080420414>
- DeHerreros, A. G. D., Peiró, S., Nassour, M., & Savagner, P. (2010). Snail family regulation and epithelial mesenchymal transitions in breast cancer progression. *Journal of Mammary Gland Biology and Neoplasia*, 15(2), 135–147. <https://doi.org/10.1007/s10911-010-9179-8>
- Departemen Kesehatan. (2006). Parameter Standar Umum Ekstrak Tumbuhan Obat. Diktorat Jendral POM-Depkes RI, Jakarta.
- Ditjen POM. (2000). Parameter Standar Umum Ekstrak Tumbuhan Obat. DepKes RI, Jakarta: 3-31.
- Dubik, D., & Shiu, R. P. C. (1988). Transcriptional regulation of c-myc oncogene expression by estrogen in hormone-responsive human breast cancer cells. *Journal of Biological Chemistry*, 263(25), 12705–12708. [https://doi.org/10.1016/s0021-9258\(18\)37810-4](https://doi.org/10.1016/s0021-9258(18)37810-4)
- Elmore, S. (2007). Apoptosis: A Review of Programmed Cell Death. *Toxicologic Pathology*, 35(4), 495–516. <https://doi.org/10.1080/01926230701320337>
- Elwood, J.C., & Richardson, A. (1993). The Effectiveness of Breast Cancer Screening by Mammography in Younger Woman. *Online J Curr Clin Trials*, 32
- Fadeel, B., & Orrenius, S. (2005). Apoptosis: A basic biological phenomenon with wide-ranging implications in human disease. *Journal of Internal Medicine*,

258(6), 479–517. <https://doi.org/10.1111/j.1365-2796.2005.01570.x>

- Foster, J. S., Henley, D. C., Ahamed, S., & Wimalasena, J. (2001). Estrogens and cell-cycle regulation in breast cancer. *Trends in Endocrinology and Metabolism*, 12(7), 320–327. [https://doi.org/10.1016/S1043-2760\(01\)00436-2](https://doi.org/10.1016/S1043-2760(01)00436-2)
- Goodwin, E. C., & DiMaio, D. (2000). Repression of human papillomavirus oncogenes in HeLa cervical carcinoma cells causes the orderly reactivation of dormant tumor suppressor pathways. *Proceedings of the National Academy of Sciences of the United States of America*, 97(23), 12513–12518. <https://doi.org/10.1073/pnas.97.23.12513>
- Gupta, P., & Srivastava, S. K. (2014). Inhibition of HER2-integrin signaling by Cucurbitacin B leads to in vitro and in vivo breast tumor growth suppression. *Oncotarget*, 5(7), 1812–1828. <https://doi.org/10.18632/oncotarget.1743>
- Gutzeit, H. O. & Muller, J. L. (2014). Plant Natural Products: Synthesis, Biological Functions and Practical Applications, First Edition. Wiley Blackwell, Jerman.
- Han, D. H., Denison, M. S., Tachibana, H., & Yamada, K. (2002). Relationship between estrogen receptor-binding and estrogenic activities of environmental estrogens and suppression by flavonoids. *Bioscience, Biotechnology and Biochemistry*, 66(7), 1479–1487. <https://doi.org/10.1271/bbb.66.1479>
- Hanachi, P., & Sh, G. (2009). Using HPLC to determination the composition and antioxidant activity of *Berberis vulgaris*. *European Journal of Scientific Research*, 29(1), 47–54.
- Hasbullah, U.H.A., & Supriyadi. (2014). Profil senyawa volatil selama fase perkembangan dan senyawa kunci aroma buah melon (*Cucumis melo* L.) kultivar Gama Melon Parfum. Tesis. Fakultas Biologi Universitas Gadjah Mada: Yogyakarta
- Ho, W. Y., Yeap, S. K., Ho, C. L., Raha, A. R., Suraini, A. A., & Alitheen, N. B. (2011). Elephantopus scaber induces cytotoxicity in MCF-7 human breast cancer cells via p53-induced apoptosis. *Journal of Medicinal Plant Research*, 5(24), 5741–5749.
- Hongmei, Z. (2012). Extrinsic and Intrinsic Apoptosis Signal Pathway Review. *Apoptosis and Medicine*, 3–22. <https://doi.org/10.5772/50129>
- Hostanska, K., Nisslein, T., Freudenstein, J., Reichling, J., & Saller, R. (2004). Cimicifuga racemosa extract inhibits proliferation of estrogen receptor-positive and negative human breast carcinoma cell lines by induction of apoptosis. *Breast Cancer Research and Treatment*, 84(2), 151–160. <https://doi.org/10.1023/B:BREA.0000018413.98636.80>

- Hsu, Y. C., Chen, M. J., & Huang, T. Y. (2014). Inducement of mitosis delay by cucurbitacin E, a novel tetracyclic triterpene from climbing stem of *Cucumis melo* L., through GADD45 γ in human brain malignant glioma (GBM) 8401 cells. *Cell Death and Disease*, 5(2), e1087-9. <https://doi.org/10.1038/cddis.2014.22>
- Huang, S., Li, R., Zhang, Z., Li, L., Gu, X., Fan, W., Lucas, W. J., Wang, X., Xie, B., Ni, P., Ren, Y., Zhu, H., Li, J., Lin, K., Jin, W., Fei, Z., Li, G., Staub, J., Kilian, A., ... Li, S. (2009). The genome of the cucumber, *Cucumis sativus* L. *Nature Genetics*, 41(12), 1275–1281. <https://doi.org/10.1038/ng.475>
- Igney, F. H., & Krammer, P. H. (2002). Death and anti-death: Tumour resistance to apoptosis. *Nature Reviews Cancer*, 2(4), 277–288. <https://doi.org/10.1038/nrc776>
- Iwanski, G. B., Lee, D. H., En-Gal, S., Doan, N. B., Castor, B., Vogt, M., Toh, M., Bokemeyer, C., Said, J. W., Thoenissen, N. H., & Koeffler, H. P. (2010). Cucurbitacin B, a novel in vivo potentiator of gemcitabine with low toxicity in the treatment of pancreatic cancer. *British Journal of Pharmacology*, 160(4), 998–1007. <https://doi.org/10.1111/j.1476-5381.2010.00741.x>
- Jayaprakasam, B., Seeram, N. P., & Nair, M. G. (2003). Anticancer and antiinflammatory activities of cucurbitacins from *Cucurbita andreana*. *Cancer Letters*, 189(1), 11–16. [https://doi.org/10.1016/S0304-3835\(02\)00497-4](https://doi.org/10.1016/S0304-3835(02)00497-4)
- Jian, C. C., Ming, H. C., Rui, L. N., Cordel, G. A., & Qiuz, S. X. (2005). Cucurbitacins and cucurbitane glycosides: Structures and biological activities. *Natural Product Reports*, 22(3), 386–399. <https://doi.org/10.1039/b418841c>
- Judd, W. S., Campbell, C. S., Kellogg, E. A., & Stevens, P. F. (1999). Plant Systematic: an Phylogenetic Approach. *Sinauer Associates. Massachusetts*, 306.
- Katajamaa, M., & Orešič, M. (2005). Processing methods for differential analysis of LC/MS profile data. *BMC Bioinformatics*, 6. <https://doi.org/10.1186/1471-2105-6-179>
- Kaushik, U., Aeri, V., & Mir, S. R. (2015). Cucurbitacins - An insight into medicinal leads from nature. *Pharmacognosy Reviews*, 9(17), 12–18. <https://doi.org/10.4103/0973-7847.156314>
- Kavanagh, K. (2007). New insights in medical mycology. In *New Insights in Medical Mycology*. <https://doi.org/10.1007/978-1-4020-6397-8>
- Kee, J. L. (2008). Pedoman Pemeriksaan Laboratorium & Diagnostik. *Penerbit Buku Kedokteran Egc*, Cetakan I Edisi 6, Jakarta.
- Kim, J.-H., Suh, J.-K., & Kang, Y.-H. (2012). Anticancer Effects of the Extracts of

- Oriental Melon (*Cucumis melo* L. var Makuwa Makino) Seeds. *Korean Journal of Plant Resources*, 25(5), 647–651. <https://doi.org/10.7732/kjpr.2012.25.5.647>
- King, R. J. B. (2000). *Cancer Biology*, Second Edition, Person Education Limited, London.
- Koff, J. L., Ramachandiran, S., & Bernal-Mizrachi, L. (2015). A time to kill: Targeting apoptosis in cancer. *International Journal of Molecular Sciences*, 16(2), 2942–2955. <https://doi.org/10.3390/ijms16022942>
- Krammer, P. H. (2000). the immune system B cells. *October*, 407(October), 789–795.
- Krueger, A., Baumann, S., Krammer, P. H., & Kirchhoff, S. (2001). FLICE-Inhibitory Proteins : Regulators of Death Receptor-Mediated Apoptosis Downloaded from <http://mcb.asm.org/> on October 21 , 2015 by Universitaetsbibliothek Frankfurt am Main. *Molecular and Cellular Biology*, 21(24), 8247–8254. <https://doi.org/10.1128/MCB.21.24.8247>
- Kumar, S. (2007). Caspase function in programmed cell death. *Cell Death and Differentiation*, 14(1), 32–43. <https://doi.org/10.1038/sj.cdd.4402060>
- Lang, K. L., Silva, I. T., Zimmermann, L. A., MacHado, V. R., Teixeira, M. R., Lapuh, M. I., Galetti, M. A., Palermo, J. A., Cabrera, G. M., Bernardes, L. S. C., Simões, C. M. O., Schenkel, E. P., Caro, M. S. B., & Durán, F. J. (2012). Synthesis and cytotoxic activity evaluation of dihydrocucurbitacin B and cucurbitacin B derivatives. *Bioorganic and Medicinal Chemistry*, 20(9), 3016–3030. <https://doi.org/10.1016/j.bmc.2012.03.001>
- Lay, M. M., Karsani, S.A., Mohajer, S., & Malek, S.N.A. (2014). Phytochemical constituents, nutritional values, phenolics, flavonols, flavonoids, antioxidant and cytotoxicity studies on *Phaleria macrocarpa* (Scheff.) Boerl fruits. *BMC Complementary and Alternative Medicine*, 14, 152. <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&PAGE=reference&D=emed13&NEWS=N&AN=24885709>
- Lecoeur, H. (2002). Nuclear apoptosis detection by flow cytometry: Influence of endogenous endonucleases. *Experimental Cell Research*, 277(1), 1–14. <https://doi.org/10.1006/excr.2002.5537>
- Levin, E. R. (2005). Integration of the extranuclear and nuclear actions of estrogen. *Molecular Endocrinology*, 19(8), 1951–1959. <https://doi.org/10.1210/me.2004-0390>
- Lisdawati, V., Biomedis, P., & Litbangkes, B. (2012). Kajian terhadap prospek pengembangan bahan bioaktif buah mahkota dewa (*Phaleria macrocarpa*) sebagai kandidat new chemical entity (nce) untuk pengobatan kanker

(sitostatika). *Bulletin of Health Research*, 37(1 Apr).
<https://doi.org/10.22435/bpk.v37i1Apr.130>.

Makkar, H. P. S., Siddhuraaju P., & Becker, K. (2007). *Plant Secondary Metabolites*. New Jersey: Humana Press.

Maryanto, S. D., Ranis, R. E., & Daryono, B. S. (2014). Stability Phenotypic Characters and The Scent of Gama Melon Parfum Cultivar. *IPTEK Journal of Proceedings Series*, (1). <https://doi.org/10.12962/j23546026.y2014i1.286>

Meng, S., Cao, J., Feng, Q., Peng, J., & Hu, Y. (2013). Roles of chlorogenic acid on regulating glucose and lipids metabolism: A review. *Evidence-Based Complementary and Alternative Medicine*, 2013. <https://doi.org/10.1155/2013/801457>

Mitry, R. R., & Hughes, R. D. (2012). *Introduction to Cell Culture. Human Cell Culture Protocols, Methods in Molecular Biology*, 806.

Nainggolan, I., Indriyani, & Yernisa. (2018). Pengaruh Tingkat Kematangan Buah terhadap Kandungan Fitokimia dan Aktivitas Antioksidan Ekstrak N-Heksan Kernel Biji Teh. *Prosiding*, 354–367.

Ormerod, M.G. (2000). *Flowcytometry: A Practical Approach*. Third Edition. University Press, Oxford, 276.

Osman, A. M. M., Bayoumi, H. M., Al-Harthi, S. E., Damanhour, Z. A., & ElShal, M. F. (2012). Modulation of doxorubicin cytotoxicity by resveratrol in a human breast cancer cell line. *Cancer Cell International*, 12, 1–8. <https://doi.org/10.1186/1475-2867-12-47>

Pangribowo, S. (2019). Beban Kanker di Indonesia. *Pusat Data Dan Informasi Kemeterian Kesehatan RI*, 1–16.

Permatasari, E., Farida, & Widiyanto, S. (2020). Cytotoxic effects and apoptosis of solo black garlic (*Allium sativum* L.) extract on T47D breast cancer cell Line. *AIP Conference Proceedings*, 2260(September). <https://doi.org/10.1063/5.0015736>

Rauh-Adelmann, C., Lau, K. M., Sabeti, N., Long, J. P., Mok, S. C., & Ho, S. M. (2000). Altered expression of BRCA1, BRCA2, and a newly identified BRCA2 exon 12 deletion variant in malignant human ovarian, prostate, and breast cancer cell lines. *Molecular Carcinogenesis*, 28(4), 236–246. [https://doi.org/10.1002/1098-2744\(200008\)28:4<236::AID-MC6>3.0.CO;2-H](https://doi.org/10.1002/1098-2744(200008)28:4<236::AID-MC6>3.0.CO;2-H)

Ren, G., Sha, T., Guo, J., Li, W., Lu, J., & Chen, X. (2015). Cucurbitacin B induces DNA damage and autophagy mediated by reactive oxygen species (ROS) in MCF-7 breast cancer cells. *Journal of Natural Medicines*, 69(4), 522–530.

<https://doi.org/10.1007/s11418-015-0918-4>

Retnaningati, D. (2015). Karakterisasi Fenotip dan Molekular Melon (*Cucumis melo* L.) 'Hikadi Aromatik' Berdasarkan DNA BarcodeGen matK. Tesis. Fakultas Biologi Universitas Gadjah Mada: Yogyakarta.

Rode, H. J. (2008). Cytotoxicity and Cell Proliferation. *Roche Diagnostics GmbH*, 1-178.

Rohman, A. (2007). Kimia Farmasi Analisis. Pustaka Pelajar. Jogjakarta.

Rosenkranz, H. S. (1992). Secondary-Metabolite Biosynthesis and Metabolism. New York: Springer Science and Business Media.

Sanjay, K. D., & Kumar, H. D. . (2012). Importance of RP-HPLC in analytical method development: A review. *International Journal of Pharmaceutical Sciences and Research*, 3(12), 4626–4633.

Saputri, A. P., Wibowo, W. A., & Daryono, B. S. (2020). Phenotypical Characters and Biochemical Compound of Cucurbitacin Melon (*Cucumis melo* L. 'Gama Melon Parfum') Resulted from Breeding. *AIP Conference Proceedings*, 2260. <https://doi.org/10.1063/5.0017615>

Sayed, D., El-Attar, M., Mohamed-Hussein, A. A., & Ibrahim, M. (2009). 74P Evaluation of Flow Cytometric Immunophenotyping and Dna Analysis for Detection of Malignant Cells in Serosal Cavity Fluids. *Lung Cancer*, 64, S35–S36. [https://doi.org/10.1016/s0169-5002\(09\)70197-7](https://doi.org/10.1016/s0169-5002(09)70197-7)

Schafer, J.M., Lee, E. S., O'Regan, R. M., Yao, K., & Jordan, V. C. (2000). Rapid development of tamoxifen-stimulated mutant p53 breast tumors (T47D) in athymic mice. *Clinical Cancer Research*, 6(11), 4373–4380.

Scorrano, L., & Korsmeyer, S. J. (2003). Mechanisms of cytochrome c release by proapoptotic BCL-2 family members. *Biochemical and Biophysical Research Communications*, 304(3), 437–444. [https://doi.org/10.1016/S0006-291X\(03\)00615-6](https://doi.org/10.1016/S0006-291X(03)00615-6)

Septaningsih, D. A., Darusman, L. K., Afendi, F. M., & Heryanto, R. (2018). Liquid chromatography mass spectrometry (LC-MS) fingerprint combined with chemometrics for identification of metabolites content and biological activities of *Curcuma Aeruginosa*. *Indonesian Journal of Chemistry*, 18(1), 43–52. <https://doi.org/10.22146/ijc.25456>

Shang, Y., Ma, Y., Zhou, Y., Zhang, H., Duan, L., Chen, H., Zeng, J., Zhou, Q., Wang, S., Gu, W., Liu, M., Ren, J., Gu, X., Zhang, S., Wang, Y., Yasukawa, K., Bouwmeester, H. J., Qi, X., Zhang, Z., ... Huang, S. (2014). Biosynthesis, regulation, and domestication of bitterness in cucumber. *Science*, 346(6213),

1084–1088. <https://doi.org/10.1126/science.1259215>

Sirait, E. U., Khotimah, S., & Turnip, M. (2014). Ekstrak buah Laban (*Vitex pubescens* Vahl) sebagai penghambat pertumbuhan Salmonella thypi dan Staphylococcus aureus. *Protobiont*, 3(3), 40–45.

Sudiana, I. K. (2011). Patobiologi Molekuler Kanker. Jakarta: Salemba Empat.

Susidarti, R. A., Jenie, R. I., Ikawati, M., Putri, D. D. P., & Meiyanto, E. (2014). Cytotoxic activity and apoptosis induction of 8-hydroxyisocapnolactone-2',3'-diol and its combination with Doxorubicin on MCF-7 and T47D cells. *Journal of Applied Pharmaceutical Science*, 4(6), 089–097. <https://doi.org/10.7324/JAPS.2014.40614>

Tannin-Spitz, T., Grossman, S., Dovrat, S., Gottlieb, H. E., & Bergman, M. (2007). Growth inhibitory activity of cucurbitacin glucosides isolated from *Citrullus colocynthis* on human breast cancer cells. *Biochemical Pharmacology*, 73(1), 56–67. <https://doi.org/10.1016/j.bcp.2006.09.012>

Teroreh, M., Rahardjo, S., Hastuti, P., & Murdiati, A. (2015). Ekstraksi daun gedi (*Abelmoschus manihot* L.) secara sekuensial dan aktivitas antioksidannya Antioxidant Activities of Sequentially Extracted Gedi's (*Abelmoschus manihot* L.) Leaves. *Jurnal Agritech*, 35(03), 280. <https://doi.org/10.22146/agritech.9338>

Thakur, H. A. (2015). Antimicrobial and Antifungal Activity of *Cucumis melo* L. (Cucurbitaceae) and *Pergularia Daemia* Frosk. (Asclepiadaceae) an Ethnomedicinal Plants. *International Journal of Bioassays*, 4(1), 3661–3665.

Thorburn, A. (2004). Death receptor-induced cell killing. *Cellular Signalling*, 16(2), 139–144. <https://doi.org/10.1016/j.cellsig.2003.08.007>

Tjitrosoepomo, G. (1991). Taksonomi Tumbuhan (Spermatophyta). Gadjah Mada University Press. Yogyakarta.

Tomsone, L., & Kruma, Z. (2013). Comparison of different solvents for isolation of phenolic compounds from horseradish (*Armoracia rusticana* L.) leaves. *Research for Rural Development*, 1(August 2016), 104–110.

Trianto, A., Ambariyanto, & Murwani, R. (2004). Skrining Bahan Anti Kanker pada Berbagai Jenis Sponge dan. *Ilmu Kelautan*, 9(September), 120–124.

Verpoorte, R., & Alferman, A.W. (2000). Metabolic Engineering of Plant Secondary Metabolism (1st editio). Netherland: Kluwer Academic Publishers.

Vishwakarma, V. K., Gupta, J. K., & Upadhyay, P. K. (2017). Pharmacological importance of *Cucumis melo* L.: An overview. *Asian Journal of*

Pharmaceutical and Clinical Research, 10(3), 8–12.
<https://doi.org/10.22159/ajpcr.2017.v10i3.13849>

Vouldoukis, I., Lacan, D., Kamate, C., Coste, P., Calenda, A., Mazier, D., Conti, M., & Dugas, B. (2004). Antioxidant and anti-inflammatory properties of a *Cucumis melo* L. C. extract rich in superoxide dismutase activity. *Journal of Ethnopharmacology*, 94(1), 67–75. <https://doi.org/10.1016/j.jep.2004.04.023>

Wajant, H. (2002). The Fas Signaling Pathway: More Than a Paradigm. *Science*, 296(5573), 1635–1636. <https://doi.org/10.1126/science.1071553>

Wibowo, W. A., Maryanto, S. D., & Daryono, B. S. (2021). Phenotypic characters and identification cyps (Cyclophilin) gene in *Cucumis melo* l. cv. gama melon parfum. *Biodiversitas*, 22(6), 3007–3014. <https://doi.org/10.13057/biodiv/d220601>

Wyllie, A., Donahue, V., Fischer, B., Hill, D., Keeseey, J., & Manzow, S. (2000). Cell Death Apoptosis and Necrosis, Rosche Diagnostic Corporation.

Yasni, S. (2012). Teknologi Pengolahan dan Pemanfaatan Produk Ekstraktif Rempah. Bogor. IPB Press.

Zarisman, S. Z. (2006). Potensi immunomodulator bubuk kakao bebas lemak sebagai produk substandar secara in vitro pada sel limfosit manusia. Fakultas Teknologi Pertanian Bogor, Institut Pertanian Bogor, Bogor. I: 74.

Zhang, L. B., Simmons, M. P., Kocyan, A., & Renner, S. S. (2006). Phylogeny of the Cucurbitales based on DNA sequences of nine loci from three genomes: Implications for morphological and sexual system evolution. *Molecular Phylogenetics and Evolution*, 39(2), 305–322. <https://doi.org/10.1016/j.ympev.2005.10.002>

Zhang, X., Bai, Y., Wang, Y., Wang, C., Fu, J., Gao, L., Liu, Y., Feng, J., Swamy, M. K., Yogi, M., Rudramurthy, G. R., Purushotham, B., & Deng, Y. (2020). Anticancer Properties of Different Solvent Extracts of *Cucumis melo* L. Seeds and Whole Fruit and Their Metabolite Profiling Using HPLC and GC-MS. *BioMed Research International*, 2020. <https://doi.org/10.1155/2020/5282949>

Zulfikar, M., Widya, F. S., Wibowo, W. A., Daryono, B. S., & Widiyanto, S. (2020). Antioxidant activity of melon fruit (*Cucumis melo* L. 'GMP') Ethanolic Extract. *AIP Conference Proceedings*, 2260(September). <https://doi.org/10.1063/5.0015748>