

DAFTAR PUSTAKA

- Alitheen B.N., Oon C.L., Swee Keong Y., Kee Chuan T., Ket H.L. and Wan Yong H., 2011, Cytotoxic Effects of Commercial Wheatgrass and Fiber Towards Human Acute Promyelocytic Leukemia Cells (HL60), *Pak. J. Pharm. Sci*, 24 (3), 243–250.
- Arora S., Tandon C. and Tandon S., 2014, Evaluation Of The Cytotoxic Effects Of CAM Therapies: An In Vitro Study In Normal Kidney Cell Lines., *The Scientific World Journal*, 2014, 1–11.
- Azmir J., Zaidul I.S.M., Rahman M.M., Sharif K.M., Mohamed A., Sahena F., Jahurul M.H.A., Ghafoor K., Norulaini N.A.N. and Omar A.K.M., 2013, Techniques For Extraction of Bioactive Compounds From Plant Materials: A review, *Journal of Food Engineering*, 117 (4), 426–436.
- Bar-Sela G., Cohen M., Ben-Arye E. and Epelbaum R., 2015, The Medical Use of Wheatgrass: Review of the Gap Between Basic and Clinical Applications., *Mini reviews in medicinal chemistry*, 15 (12), 1002–10. Terapat di: <https://www.ncbi.nlm.nih.gov/pubmed/26156538>.
- Bhulabhai P.J., 2016, Anticancer and Cytotoxic Potential of Aqueous Extract of *Triticum aestivum* on HeLa Cell Line, *Journal of Drug Delivery and Therapeutics*, 6 (3), 84–89.
- Biradi M. and Hullatti K., 2017, Bioactivity Guided Isolation of Cytotoxic Terpenoids And Steroids From *Premna serratifolia*, *Pharmaceutical Biology*, 55 (1), 1375–1379.
- Burdall S.E., Hanby A.M., Lansdown M.R. and Speirs V., 2003, Breast Cancer Cell Lines: Friend or Foe?, *Breast Cancer Research*, 5 (2), 89. Terapat di: <http://breastcancerresearch.biomedcentral.com/articles/10.1186/bcr577>
- Cancer Chemoprevention Research Center, 2017, In Vitro Test Protocol, Terapat di: http://ccrc.farmasi.ugm.ac.id/en/?page_id=240.
- Cancer Chemoprevention Research Center, 2013, Protokol Uji Sitotoksik Metode MTT, *Cancer Chemoprevention Research Center Fakultas Farmasi UGM* Terapat di: <http://ccrc.farmasi.ugm.ac.id/wp-content/uploads/03.010.02-uji-sitotoksik-MTT.pdf>.
- Carter B.A., Taylor O.A., Prendergast D.R., Zimmerman T.L., Von Furstenberg R., Moore D.D. and Karpen S.J., 2007, Stigmasterol, A Soy Lipid-Derived Phytosterol, Is An Antagonist Of The Bile Acid Nuclear Receptor FXR, *Pediatric Research*, 62 (3), 301–306.
- Clark L.C., Combs G.F., Trumbull B.W., Slate E.H., Chalker D.K., Chow J., Davis L.S., Glover R.A., Graham G.F., Gross E.G., Kronrad A., Leshner J.L., Park K., Sanders B.B., Smith C.L. and Taylor R., 1996, Effects of

- Selenium Supplementation for Cancer Prevention in Patients With Carcinoma of The Skin, *Jama*, 276 (24), 1957–1963.
- Durairaj V., Hoda M., Shakya G., Babu S.P.P. and Rajagopalan R., 2014, Phytochemical Screening and Analysis of Antioxidant Properties of Aqueous Extract of Wheatgrass, *Asian Pacific Journal of Tropical Medicine*, 7 (1), 398–404.
- Habli Z., Toumieh G., Fatfat M., Rahal O.N. and Gali-Muhtasib H., 2017, Emerging Cytotoxic Alkaloids In The Battle Against Cancer: Overview of Molecular Mechanisms, *Molecules*, 22 (2), 1–22.
- Holliday D.L. and Speirs V., 2011, Choosing The Right Cell Line For Breast Cancer Research, *Breast Cancer Research*, 13, 1–7.
- Hussain A., Gheewala T.M., Vas A.J., Shah K., Goala P., Khan S., Hinduja S. and Sharma C., 2014, Growth Inhibitory and Adjuvant Therapeutic Potential of Aqueous Extract of *Triticum aestivum* On MCF-7 and HeLa Cells, *Experimental Oncology*, 36 (1), 9–16.
- Kementrian Kesehatan RI, 2015, *Stop Kanker*, Infodatin-Kanker, Jakarta.
- Kristiani E.B.E., Nugroho L.H., Moeljopawiro S. and Widyarini S., 2016, The Cytotoxicity of Mekai (*Albertia papuana* Becc.) Root Extract On Breast Cancer Cell Lines T47D And Vero Cell Lines, *AIP Journals*, Terdapat di: <http://aip.scitation.org/doi/abs/10.1063/1.4953490>.
- Di Leo A., Tanner M., Desmedt C., Paesmans M., Cardoso F., Durbecq V., Chan S., Perren T., Aapro M., Sotiriou C., Piccart M.J., Larsimont D. and Isola J., 2007, p-53 Gene Mutations As A Predictive Marker In A Population of Advanced Breast Cancer Patients Randomly Treated With Doxorubicin or Docetaxel In The Context of A Phase III Clinical Trial, *Annals of Oncology*, 18 (6), 997–1003.
- Mohammed M.M.D., El-Souda S.S., El-Hallouty S.M. and Kobayashi N., 2013, Antiviral and Cytotoxic Activities of Anthraquinones Isolated From *Cassia roxburghii* Linn. Leaves, *Herba Polonica*, 59 (4), 33–44.
- Mosmann T., 1983, Rapid Colorimetric Assay For Cellular Growth and Survival: Application to Proliferation and Cytotoxicity Assay, *Journal of Immunological Methods*, 65 (1–2), 55–63.
- Murali M., Kumar S.S., Nair A.M. and Kumar N.S., 2016, Preliminary Phytochemical Analysis of Wheat Grass Leaf Extracts, *International Journal of Pharmaceutical Sciences*, 40 (56), 307–312.
- O'Day E. and Lal A., 2010, MicroRNAs and Their Target Gene Networks In Breast Cancer, *Breast Cancer Res*, 12 (2), 201. Terdapat di: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2879559/pdf/bcr2484.pdf>

- Park K.R., Nam D., Yun H.M., Lee S.G., Jang H.J., Sethi G., Cho S.K. and Ahn K.S., 2011, β -Caryophyllene Oxide Inhibits Growth and Induces Apoptosis Through the Suppression of PI3K/AKT/mTOR/S6K1 Pathways and ROS-mediated MAPKs Activation, *Elsevier*, 312 (2), 178-188.
- Perveen S. and Al-Taweel A.M., 2017, Phenolic Compounds from the Natural Sources and Their Cytotoxicity, Dalam *Phenolic Compounds - Natural Sources, Importance and Applications*, Intech, pp. 29–60.
- Purwanto A., Fajriyati A.N. and Wahyuningtyas D., 2014, Dan Aktivitas Antioksidan Dalam Ekstrak Minyak Bekatul Padi, *Jurnal ekuilibrium*, 13 (1), 29–34.
- Rajoria A., Mehta A., Mehta P., Ahirwal L. and Shukla S., 2015, Phytochemical Analysis And Estimation of Major Bioactive Compounds From *Triticum aestivum* L. Grass With Antimicrobial Potential, *Pakistan Journal of Pharmaceutical Sciences*, 28, 2221–5.
- Ramadhani A., 2014, Potensi Aktivitas Antikanker Kombinasi Ekstrak Herba Sambiloto (*Andrographis paniculata* Nees.) Dengan Doksorubisin Terhadap Sel Kanker HeLa, Sel Kanker WiDr, dan Sel Kanker T47D Secara In Vitro, *Skripsi*, Universitas Airlangga, Surabaya.
- Saifudin A., 2014, *Senyawa Alam Metabolit Sekunder Teori, Konsep, dan Teknik Pemurnian*, Hastanto, U. P. & Selvasari, R., eds., Penerbit Deepublish, Yogyakarta.
- Schafer J.M., Lee E.S., Regan R.M.O., Yao K., Jordan V.C., Lurie R.H. and Cancer C., 2000, Rapid Development of Tamoxifen-stimulated Mutant p53 Breast Tumors (T47D) in Athymic Mice Rapid Development of Tamoxifen-stimulated Mutant p53 Breast Tumors (T47D) in Athymic Mice 1, *Clinical Cancer Research*, 6, 4373–4380.
- Setiawan S.D., 2015, The Effect Of Chemotherapy In Cancer Patient to Anxiety, *J Majority*, 4 (4), 94–99.
- Shakya G., Balasubramanian S. and Rajagopalan R., 2015, Methanol Extract of Wheatgrass Induces G1 Cell Cycle Arrest In A p53-Dependent Manner And Down Regulates The Expression of Cyclin D1 In Human Laryngeal Cancer Cells - An In Vitro and In Silico Approach., *Pharmacognosy magazine*, 11 (1), 139–147.
- Siegel R.L., Miller K.D. and Jemal A., 2017, Cancer Statistics, 2017, *A Cancer Journals for Clinicians*, 67 (1), 7–30.
- Singh N., Verma P. and Pandey B.R., 2012, Therapeutic Potential of Organic *Triticum aestivum* Linn. (Wheat Grass) in Prevention and Treatment of Chronic Diseases: An Overview, *International Journal of*

- Pharmaceutical Sciences and Drug Research*, 4 (1), 10–14. Terdapat di: www.ijpsdr.com.
- Society A.C., 2016, Breast Cancer, *Special Problems In Breast Cancer Therapy*, 76(2) Terdapat di: <https://www.cancer.org/cancer/breast-cancer.html>.
- Sulistiyowati C.B., 2011, Aktivitas Sitotoksik Ekstrak Etanol Rimpang Jahe (*Zingiber officinale* Roscoe) dan Jahe Merah (*Zingiber officinale* Roscoe var. *Rubrum*) Terhadap Sel Kanker Payudara T47D, *Skripsi*, Fakultas Farmasi, Universitas Muhammadiyah Surakarta, Surakarta.
- Tandon S., Arora A., Singh S., Monga J. and Arora S., 2011, Antioxidant Profiling of *Triticum aestivum* (wheatgrass) and its Antiproliferative Activity In MCF-7 Breast Cancer Cell Line, *Journal of Pharmacy Research*, 4 (12), 8–12.
- Wagner H. and Bladt S., 1996, *Plant Drug Analysis A Thin Layer Chromatography*, Second., Springer-Varleg, Berlin.
- World Health Organization, 2017, Cancer: Fact Sheet, *WHO* Terdapat di: <http://www.who.int/mediacentre/factsheets/fs297/en/>.
- Yildirim I. and Kutlu T., 2015, Anticancer Agents: Saponin and Tannin, *International Journal of Biological Chemistry*, 9 (6), 332–340.