

DAFTAR PUSTAKA

- Aldimassi, S., Antoun, A., El-sibai, M., 2014, Cancer cell resistance: A mini review, *Clinical and Translational Oncology*, 16(6):511-516.
- Atassi, M. Z., 2005, The p53 tumor suppressor pathway and cancer, springer: New York.
- Ayed, A., Hupp, T., 2010, Molecular biology intelligence unit: p53, springer: New York.
- Ayuningtias, E. D., Wahyuni, A. S., 2012, Profil kadar trigliserid darah tikus hiperkolesterolemia oleh ekstrak etanol jamur lingzhi (*G. lucidum*), *Jurnal Medika Planta*, 2(1):26-35.
- Bai, L. Y., Chiu, C., Chu, P. C., dkk., 2016, A triterpenoid from wild bitter gourd inhibits breast cancer cells, *Scientific Reports*, 6(1):1-10.
- Boh, B. B. M., Zhang, J., Zhi-Bin, L., 2007. Ganoderma lucidum and its pharmaceutically active compounds, *Biotechnology Annual Review*, 13: 265-301.
- Brooks, S. A., 2001, Basic immunocytochemistry for light microscopy, *Methods in Molecular Medicine*, 13(1): 13-39.
- Burry, R. W., 2011, Controls for immunocytochemistry, *Journal of Histochemistry and Cytochemistry*, 59(1): 6-12.
- CCRC, 2009, Pengamatan apoptosis dengan metode double staining: protokol in vitro, *Cancer Chemoprevention Research Center*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Chen, Y., Xie, M. Y., Wang, Y. X., Nie, S. P., Li, C., 2009, Analysis of the monosaccharide composition of purified polysaccharides in Ganoderma atrum by capillary gas chromatograph, *Phytochemical Analysis*, 20: 503-510.
- Dessen, W., 2008, *Onkologi Klinis*, FKUI: Jakarta.
- Firmansyah, M. A., 2019, Uji sitotoksik ekstrak etanol jamur lingzhi (*G. lucidum*) pada sel kanker rongga mulut KB CCL-17, Laporan Prapenelitian Tidak Dipublikasikan, Purwokerto.
- Fulda, S., Debatin, K. M., 2000, Betulinic acid induces apoptosis through a direct effect on mitochondria neuroectodermal tumors, *Medical Pediatric and Oncology*, 35(6): 616-618.

- Fuller, G. M., Shields, D., 1998, *Molecular Basis of Medical Cell Biology 1st ed*, Appleton & Lange: Connecticut.
- Gadek, J. W., Hackl, S., Zulehner, N., dkk., 2011, Reconstitution of Human MCF-7 Breast Cancer Cells with Caspase-3 Does not sensitize them to action of CDK inhibitors, *Journal of Cellular Biochemistry*, 112:273-88.
- Gurovic, M. S. V., Viceconte F. R., Pereyra, M. T., dkk., 2018, DNA damaging potential of Ganoderma lucidum extract, *Journal of Ethnopharmacology*, 217: 83-88.
- Hupp, J. R., Elis, E., Tucker, M. R, 2004, *Contemporary Oral and Maxillofacial Surgery*, Elsevier: St. Louis.
- Hutomo, S., Suryanto, Y. I., Susilowati H., dkk., 2014, Ekspresi caspase-3 pada sel epitel rongga mulut (*KB cell line*) setelah paparan ekstrak kopi, *Majalah Kedokteran Gigi*, 21(2):122-126.
- Jemal, A., Bray, F., Center, M. M., dkk., 2011, Global cancer statistics, *A Cancer Journal for Clinicians*, 61(2): 69-90.
- Jeong, J. T., Yang, B. K., Kim, S. M., dkk., 2008, Ganoderma applanatum: A promising mushroom for antitumor and immunomodulating activity, *Phytotherapy Research*, 22:614-619.
- Jerry, D., J., Minter, M.L., Becker, K.A., dkk., 2002, Hormonal control of P53 and chemoprevention, *Breast Cancer Research*, 4: 91- 94.
- Jiang, D., Wang, L., Zhao, T., dkk., 2017, Restoration of the tumor-suppressor function to mutant p53 by Ganoderma lucidum polysaccharides in colorectal cancer cells, *Oncology Reports*, 37:594-600.
- Kao, C. H. J., Jesuthasan, A. C., Bishop, K. S., dkk., 2012, Anti-cancer activities of Ganoderma lucidum: Active ingredients and pathways, *Functional Foods in Health and Diseases*, 3(2):48-65.
- Khandekar, S. P., Bagdye. P. S., Tiwari, R. R., 2006, Oral cancer and some epidemiological factors: a hospital based study, *Indian Journal Of Community Medicine*, 3(1): 157-159.
- King, Roger, 2001, *Cancer Biology*, Pearson: London.
- Kumar, V., Cotran, R. S., Robbins, S. L., 2007, *Buku ajar patologi edisi 7*, Buku Kedokteran EGC: Jakarta.
- Kuznetsov, G., Towle, M. J., Cheng, H., dkk., 2004, Induction of morphological and biochemical apoptosis prolonged mitotic blockage by halichondrin B macrocyclic ketone analog E7389, *Cancer Research*, 64(16):5760-6.

- Lemieszek, M., Rzeki, W., 2012, Anticancer properties of polysaccharides isolated from fungi of the basidiomycetes class, *contemporary oncology*, 16(4): 285-289.
- Liang, Z., Guo, Y. T., Yi, Y. J., dkk., 2014, Ganoderma lucidum polysaccharides target a fas/caspase dependent pathway to induce apoptosis in human colon cancer cells, *Asia pacific of Journal Cancer Prevention*, 15(9): 3981-3986.
- Lin, C. Y., Ni, C. C., Yin, M. C., dkk., 2012, Flavonoids protect pancreatic beta-cells from cytokines mediated apoptosis through the activation of PI3-kinase pathway, *Cytokine*, 59(1), 65-71.
- Lodish, H., Berk, A., Matsudaira, P., dkk., 2011, *Molecular cell biology 5th ed*, Freeman company: New York.
- Lu, J., Sun, L. X., Lin, Z. B., 2014, Antagonism by ganoderma lucidum polysaccharides against the suppression by culture supernatants of b16f10 melanoma cells on macrophage, *Phytotherapy Research*, 28(2):200-206.
- Medawati, A., 2013, Karsinoma sel skuamosa sebagai salah satu kanker rongga mulut dan permasalahanya, *Insisiva Dental Journal*, 2(1)87-93.
- Mujahid, I., Muchtajar, B., 2014, Uji antiproliferasi dan uji apoptosis ganoderma lucidum sebagai antikanker serviks, *Proceeding Seminar LPPM UMP*.
- Naritasari, F., Susanto, H., Supriatno, 2010, Pengaruh konsentrasi ekstrak etanol bonggol nanas (*Ananas cosmostus (L.) Merr*) terhadap apoptosis karsinoma sel skuamosa lidah manusia, *Majalah Obat Tradisional*, 15(1): 16-25.
- Newland, J. R., Meiller T. F., Wyn R. L., Crosseye H. L., 2008, *Oral soft tissue disease 3rd ed*, Lexi Comp: Ohio.
- Ningsih, D. N., Rejeki, E. S., Ekowati, D., 2009, Aktivitas antidiabetes jamur lingzhi (*g. lucidum*) pada tikus putih jantan, *Jurnal Farmasi Indonesia*, 6(3):12-18.
- Nurhayati, S., Lusiyanti, Y., 2006, Apoptosis dan respon biologik sel sebagai faktor prognosis radioterapi kanker, *Iptek Ilmiah Popular*, 7(3):57-67.
- Oren, M., 2003, Decision making by p53: Life, death and cancer, *Cell Death and Differentiation*, 10:431-42.
- Prakoeswa, C. R. S., 2008, Peran p53 pada patogenesis karsinoma sel basal, *Berkala Ilmu Kesehatan Kulit dan Kelamin*, 20(3): 261-265.
- Rastogi, R. P., Richa, Sinha, R. P., 2009, Apoptosis: Molecular mechanism and pathogenicity. *Experimental and Clinical Sciences Journal*, 8:155-181.

- Riley, T., Sontag, E., Chen, L., Levine, A., 2008, Transcriptional control of human p53-regulated genes, *Nature Review of Molecular Cell Biology*, 9:402-12.
- Rivera, C., 2015, Essential of oral cancer, *International Journal of Clinical and Experimental Pathology*, 8(9):11884-11885.
- Rohmah R. N., Ratnaningtyas, N. I., Asnani, A., 2014, Kajian toksisitas dari tubuh buah ganoderma lucidum dengan metode brine shrimp lethality test (BST), *Scripta Biologica*, 1:30-32.
- Salido, G. M., Rosado, J. A., 2009, Apoptosis: Involvement of oxidative stress and intracellular Ca^{2+} homeostasis, Springer: New York.
- Sari, L.M., 2018, Apoptosis: Mekanisme molekuler kematian sel, *Cakradonya Dental Journal*, 10(2): 65-70.
- Shang, D., Li, Y., Wang, C., dkk., 2011, A novel polysaccharide from Se-enriched Ganoderma lucidum Induces in Human Breast Cancer Cells, *Oncology reports*, (1):267-72.
- Skommer, J., Wlodkowic, D., Deptala, A., 2007, Larger than life: Mitochondria and the Bcl-2 family, *Leukemia Research*, 31:277–286.
- Sudiono, J., Kruijndhi, B., Hendrawan, A., Djimantoro, B., 2003, *Ilmu Patologi*, EGC: Jakarta.
- Surahmaida, 2017, Potensi berbagai spesies ganoderma sebagai tanaman obat, *Journal Pharmasci*, 2(1): 17-21.
- Susanto, A., 1998, Sifat biokimiawi dan fabrikasi ganoderma, jamur patogen pohonan, *Jurnal Perlindungan Tanaman Indonesia*, 4(2):83-91.
- Syafriadi, M., 2008, Pathogenesis of oral cancer, *Indonesian Journal of Dentistry*, 15(2): 104-110.
- Tang, W., Liu, J.W., Zhao, W.M., dkk., 2006, Ganoderic acid T from Ganoderma lucidum mycelia induces mitochondria mediated apoptosis in lung cancer cells, *Life Sciences*, 80(3):205-211.
- Tian, Y., Zhao, Y., Zeng, H., dkk., 2016, Structural characterization of a novel neutral polysaccharide from Lentinus giganteus and its antitumor activity through inducing apoptosis, *Carbohydrate Polymers*, 154:231-240.
- Wahyuni, S. S., Kentjono, W. A., 2012, Diagnosis dan penatalaksanaan karsinoma lidah, *Jurnal THT-KL*, 5(1): 44-61.
- Wijaya, C. A., Muchtaridi, M., Pengobatan kanker melalui metode gen terapi, *Jurnal Farmaka*, 15(1):53-68.

- Wu, G. S., Guo, J. J., Bao, J. L., dkk., 2013, Anticancer properties of triterpenoids isolated from *Ganoderma lucidum* – A Review, *Expert Opinion on Investigational Drugs*, 22(8):1-12.
- Xu, Z., Chen, X., Zhong, Z., dkk., 2011, Ganoderma lucidum polysaccharides: immunomodulation and potential anti-tumor activities. *American Journal of Chinese Medicine*, 39(1):15-27.
- Yee, K. S., Vousden, K. H., 2008, Contribution of membrane localization to the apoptotic activity of PUMA, *Apoptosis*, 13:87-95.
- Yulenawati, S. E., Meiyanto, E., Agustina, D., 2016, High antitumor activity of ethanolic extracts of papua's ant nest plant (*Myrmecodia tuberosa*) on oral carcinoma (KB) cell line, *International Journal of Science and Research*, 5(1): 1619-1623.
- Zurita, F. J., Pena, G. C., Lizaraga, D., dkk., 2011, The natural triterpene masilinic acid induce apoptosis in HT29 colon cancer by a JNK p53 dependent mechanism, *Bio Medicine Central Cancer Journal*. 11(1): 1-13.

