

DAFTAR PUSTAKA

- Aggarwal, B. B., Shishoda, S., Sandur, S. K., Pandey, M. K., Sethi, G. 2006. Inflammation & Cancer: How Hot is the Link?. *Biochemical Pharmacology*. 72:1605-1621.
- Ahmed, A. U. 2011. An Overview of Inflammation: Mechanism & Consequences *Frontier in Biology*. 6(4):274-281.
- Akram, M., Ahmed, A., Usmanghani, K., Hannan, A., Mohiuddin, E., Asif, M., *et al.* 2010. *Curcuma longa* and Curcumin: A Review Article. *Romanian Journal of Biology - Plant Biology*. 55(2):65–70.
- Anthony, R.M., Rutitzky L.I., Urban J.F., Stadecker M.J., Gause W.C. 2007. Protective immune mechanisms in helminth infection. *Nature Reviews Immunology*. 7:975–987.
- Ashley, N.T., Weil, Z.M. & Nelson, R.J. 2012. Inflammation: Mechanisms, Cost, and Natural Variation. *Annual Review of Ecology and Systematics*. 43: 385-406.
- Ben, P., Liu, J., Lu, C., Xu, Y., Xin, Y., Fu, J., *et al.* 2011. Curcumin Promotes Degradation of Inducible Nitric Oxide Synthase and Suppresses Its Enzyme Activity in RAW 264.7 Cells. *International Immunopharmacology*. 11(2):179-86.
- Berghaus, L. J., Fortes, B. P., Moore, J. N., Hurley, D. J., Wolfert, M. A., Boons, G. J., *et al.* 2010. Innate Immune Responses of Primary Murine Macrophagelineage Cells and RAW 264.7 Cells to Ligands of Toll-Like Receptors. *Comparative Immunology, Microbiology, and Infectious Disease*. 33(5): 443–454.
- Chattopadhyay, I., Biswas, K., Bandyopadhyay, U., Banerjee, R. K. 2004. Turmeric and Curcumin: Biological Actions and Medicinal Applications. *Current Science*. 87(1):44-53.
- Colotta, F., Allavena, P., Sica, A., Garlanda, C., Mantovani, A. 2009. Cancer-Related Inflammation, the Seventh Hallmark of Cancer: Links to Genetic Instability. *Carcinogenesis*. 30(7):1073–1081.
- Dahlan, M.S. 2012. *Statistik Untuk Kedokteran dan Kesehatan*. Jakarta: Salemba Medika

- Diana, H., Maya, R., Sekar, B., Murali, S. & Ramesh, K. 2014. Expression of Inducible Nitric Oxide Synthase in Keratocystic Odontogenic Tumour and Variants of Ameloblastoma. *Journal of Clinical and Diagnostic Research*. 8(11): 115-118.
- Eiró, N. & Vizoso, F. J. 2012. Inflammation and Cancer. *World Journal of Gastrointestinal Surgery*. 4(3):62-72.
- Goel, A., Kunnumakkara, A. B., Aggarwal, B. B. 2007. Curcumin as "Curecumin": From Kitchen to Clinic. *Biochemical Pharmacology*. 8(16):1-23.
- Goes, A.C., Pinto, F.M., Fernandes, G.C., Barbosa, J.S., Correia, E.S., Ribeiro, R.A. *et al.*. 2014. Electroacupuncture Ameliorates Experimental Colitis Induced by TNBS Through Activation of Interleukin-10 and Inhibition of iNOS in Mice. *Acta Cirurgica Brasileira*. 29(12): 787-793
- Grivennikov, S. I., Greten, F. R., Karin, M. 2010. Immunity, Inflammation, and Cancer. *Journal of Cell*. 1(25):883-899.
- Hamalainen, M. 2008. *Inducible NOS as a Target of Anti-inflammatory Treatment Modalities*. Dissertation University of Tampere.
- Hartati, S. Y., & Balittro. 2013. Khasiat Kunyit Sebagai Obat Tradisional dan Manfaat Lainnya. *Warta Penelitian dan Pengembangan Tanaman Industri*. 19(2):5-9.
- He, Z., Zhang, H., Yang, C., Zhou, Y., Han, G., Ouyang, W., *et al.* 2011. The Interaction Between Different Types of Activated RAW 264.7 Cells and Macrophage Inflammatory Protein-1 Alpha. *Radiation Oncology*. 6:1-7.
- Janakiram, N. B. & Rao, C. V. 2012 Chemoprevention of Colon Cancer by iNOS Selective Inhibitors. *Forum on Immunopathology and Disease Therapy*. 3(2):155-167.
- Kim, K. M., Zhung, M., Ha, Y. A., Pae, H. O., Ha, Y. H., Chai, K. Y., *et al.* 2008. Involvement of Anti-inflammatory Heme Oxygenase-1 in the Inhibitory Effect of Curcumin on the Expression of Pro-inflammatory inducible Nitric Oxide Synthase in RAW 264.7 Macrophage. *Biomedicine & Pharmacotherapy*. 64:630-636.
- Kim, K. N., Heo, S. J., Yoon, W. J., Kang, S. M., Ahn, G., Yi, T. H., *et al.* 2010. Fucoxanthin Inhibits the Inflammatory Response by Suppressing the Activation of NF-Kb and Mapks in Lipopolysaccharide-Induced RAW 264.7 Macrophages. *European Journal of Pharmacology*. 649:369-375.

- Kumar, V., Cotran, R. S., Robbins, S. L. 2007. *Buku Ajar Patologi Robbins*. Vol 1. Ed 7. Jakarta: EGC.
- Martin, R. C. G., Alyer, H. S., Malik, D., Li, Y. 2012. Effect on Pro-inflammatory and Antioxidant Genes and Bioavailable Distribution of Whole Turmeric vs Curcumin: Similar Root but Different Effects. *Food Chemical Toxicology*. 50(2):227-231.
- Lai, C. S., Lai, Y. S., Kuo, D. H., Wu, C. H., Ho, C. T., Pan, M. H. 2011. Magnolol Potently Suppressed Lipopolysaccharide-Induced iNOS and COX-2 Expression Via Downregulating MAPK and NF-Kb Signaling Pathways. *Journal of Functional Foods*. 3(3):198-206.
- Labban, Louay. 2014. Medicinal dan Pharmacological Properties of Turmeric (*Curcuma Longa*): A Review. *International Journal of Pharmacology Biomedical Science*. 5(1): 17-23.
- Lantz, R. C., Chen, G. J., Solyom, A. M., Jolad, S. D. 2005. The Effect of Turmeric Extracts on Inflammatory Mediator Production. *Phytomedicine* 12(11):445–452.
- Li, S., Yuan, W., Deng, G., Wang, P., Yang, P., Aggarwal, B. B. 2011. Chemical Composition and Product Quality Control of Turmeric (*Curcuma longa* L.). *Pharmaceutical Crops*. 2:28-54.
- Lu, H., Onyang, W., Huang, C. 2006. Inflammation, a Key Event in Cancer. *Molecular Cancer Research*. 4(4):221-233.
- Lu, Y.C., Yeh, W.C. & Ohashi, P.S. 2008. 'LPS/TLR4 Signal Transduction Pathway'. *Cytokine*. 42(2): 145-151.
- Ma, W., Dumont, Y., Vercauteren, F., Quirion, R.. 2009. Lipopolysaccharide Induces Calcitonin Gene-Related Peptide in the RAW 264, 7 Macrophage Cell Line. *The Journal of Cell, Moleculs, System and Technologies*. 130:399–409.
- Muniroh, L., Martini, S., Nindya, T. S., Solfaine, R. 2010. Minyak Atsiri Kunyit sebagai Anti Radang Pada Penderita Gout Arthritis dengan Diet Tinggi Purin. *Makara, Kesehatan*. 14(2):57-64.
- Murthy, S., Ryan, A., He, C., Mallampalli, R. K., Carter, A. B. 2010. Rac1-Mediated Mitochondrial H₂O₂ Generation Regulates MMP-9 Gene Expression in Macrophages via Inhibition of SP-1 and AP-1. *Journal of Biological Chemistry*. 285(32):25062-73.
- Napetschning, J. & Wu, H. 2013. 'Molecular Basis of NF-κB Signaling'. *Annual Review Biophysics*. 42(19): 1-26

- Nurrochmad, A. 2004. Pandangan Baru Kurkumin dan Aktivitasnya sebagai Antikanker. *Biofarmasi*. 2(2):75-80.
- Ohnishi, N.M., Raynoo T., Somchai P., Olfat H., Mariko M., dan Shosuke K. 2013. DNA Damage in Inflammation-Related Carcinogenesis dan Cancer Stem Cells. *Oxidative Medicine and Cellular Longevity*. 2013: 1-9.
- Pdaney, A., Kumar R. dan Srivastava R. 2010. Curcumin-The Yellow Magic. *Internasional Journal Pharmacology*. 4(8): 343-354.
- Riskesdas 2013. *Riset Kesehatan Dasar*. Jakarta: Badan Litbangkes, Depkes RI.
- Said, A. 2007. *Khasiat dan Manfaat Kunyit*. Yogyakarta: Sinar Wadja Lestari.
- Soehnlein, O. & Lindbom L. 2010. Phagocyte partnership during the onset and resolution of inflammation. *Nature Reviews Immunology*. 10:427–439.
- Shrishail, D., Harish, H., Ravichandra, H., Tulsianand, G., Shruthi, S. D. 2013. Turmeric: Nature's Precious Medicine. *Asian Journal of Pharmaceutical and Clinical Research*. 6(3):10-16.
- Singh, P. K., Vasudha K., Dhiman G., Ganesh M. M., Ashutosh K., dan Samir K. M. 2013. Curcumin Modulates α -Synuclein Aggregation dan Toxicity. *American Chemical Society Chemistry of Neuroscience*. 4(1): 393-407
- Tedja, I. & Abdullah, M. 2013. Chronic Inflammation in Colorectal Carcinogenesis: Role of Inflammatory Mediators, Intestinal Microbes, and Chemoprevention Potency. *The Indonesian Journal of Gastroenterology, Hepatology, and Digestive Endoscopy*. 14(1):29-34.
- Tuba, A. K & Gülçin, I. 2008. Antioxidant and Radical Scavenging Properties of Curcumin. *Chemico-Biological Interaction*. 174(1):27-37.
- Winarto, E. P., Ivone, J., Saanin S. N. J. 2009. Prevalensi Kanker Kolorektal di Rumah Sakit Immanuel Bandung Periode Januari 2005 - Desember 2007. *Jurnal Kebijakan Masyarakat*. 8(2): 138-143.
- Wiwin, I. E. & Benjamin, M. 2010. Kemoprevensi Pada Kanker Paru. *Majalah Kedokteran Respirasi* Vol. 1. No. 2.
- World Health Organization, 2014. *World Cancer Report 2014*. WHO.
- Xiao, K. J., Wang, W. X., Dai J. L., Zhu, L. 2014. Anti-Inflammatory Effect of Selagin-7-O-(6"-O-Acetyl)-B-D-Glycoside Isolated from *Cancrinia Discoidea* on Lipopolysaccharide-Induced Mouse Macrophage Raw 264.7 Cells. *Experimental and Clinical Science International Journal*. 13:1088-1096.

Xu, W., Liu, L. Z., Loizidou, M., Ahmed, M., Charle, I. G. 2002. The Role of Nitric Oxide in Cancer. *Cell Research*. 12(5-6):311-320.

Yoon, W. J., Ham, Y. M., Kim, S. S., Yoo, B. S., Moon, J. Y., Baik, J. S., *et al.* 2009. Suppression of Pro-Inflammatory Cytokines, iNOS, and COX-2 Expression by Brown Algae *Sargassum micracanthum* in RAW 264.7 Macrophages. *Europe-Asian Journal of BioSciences*. 3(17):130-143.

Yuandani, Dalimunthe, A., Anjelisa, P., Septama, A. W. 2011. Uji Aktivitas Antikanker (Preventif dan Kuratif) Ekstrak Etanol Temu Mangga (*Curcuma mangga* Val.) Pada Mencit yang Diinduksi Siklofosamid. *Majalah Kesehatan PharmaMedika*. 3(2):255-259.

Zafirellis, K., Azchaki, A., Agrogiannis, G., Gravani, K. 2010. Inducible Nitric Oxide Synthase Expression and Its Prognostic Significance in Colorectal Cancer. *Journal Compilation*. 118:115-124.

