DAFTAR PUSTAKA

Ahmad, N., Umar, S., Ashafaq, M., Akhtar, M., Iqbal, Z., Samim, M., & Ahmad, F. J., 2013. A comparative study of PNIPAM nanoparticles of curcumin, demethoxycurcumin, and bisdemethoxycurcumin and their effects on oxidative stress markers in experimental stroke. ***Protoplasma***, 250(6), pp. 1327–1338.

Akinyemi, A. J., Oboh, G., Fadaka, A. O., Olatunji, B. P., & Akomolafe, S., 2017. Curcumin administration suppress acetylcholinesterase gene expression in cadmium treated rats. ***Neurotoxicology***, 62, pp. 75-79.

Allbutt, H. N., & Henderson, J. M., 2007. Use of the narrow beam test in the rat, 6-hydroxydopamine model of Parkinson's disease. ***Journal of Neuroscience Methods***, 159(2), pp. 195-202.

Belayev, L., Khoutorova, L., Zhao, W., Vigdorchik, A., Belayev, A., Busto, R., & Ginsberg, M. D., 2005. Neuroprotective effect of darbepoetin alfa, a novel recombinant erythropoietic protein, in focal cerebral ischemia in rats. ***Stroke***, 36(5), pp. 1065-1070.

Benjamin, E. J., Virani, S. S., Callaway, C. W., Chamberlain, A. M., Chang, A. R., Cheng, S., & Muntner, P., 2018. Heart disease and stroke statistics - 2018 update: A report from the American Heart Association. ***Circulation***, 137, pp. 67-492.

Bouet, V., Boulouard, M., Toutain, J., Divoux, D., Schumann-Bard, P., & Freret, T., 2009. The adhesive removal test: a sensitive method to assess sensorimotor deficits in mice. ***Nature Protocols***, 4, pp. 1560.

Chiang, T., Messing, R. O., & Chou, W. H., 2011. Mouse model of middle cerebral artery occlusion. ***JoVE (Journal of Visualized Experiments)***, (48), pp. 2761.

Corwin, E. J., 2009. ***Pathophysiology***: Handbook. *Jakarta: EGC*, pp. 471-480.

Dohare, P., Garg, P., Jain, V., Nath, C., & Ray, M., 2008. Dose dependence and therapeutic window for the neuroprotective effects of curcumin in thromboembolic model of rat. ***Behavioural Brain Research***, 193(2), pp. 289-297.

Faure, S., Oudart, N., Javellaud, J., Fournier, A., Warnock, D. G., & Achard, J. M., 2006. Synergistic protective effects of erythropoietin and olmesartan on ischemic stroke survival and post-stroke memory dysfunctions in the gerbil. ***Journal of Hypertension***, 24(11), pp. 2255-2261.

Garcia, J. H., & Liu, K. F., 1996. Brain parenchymal responses to experimental focal ischemia: cellular inflammation. ***Pharmacology of Cerebral Ischemia***, pp. 379-384.

Gilgun-Sherki, Y., Rosenbaum, Z., Melamed, E., & Offen, D., 2002. Antioxidant therapy in acute central nervous system injury: current state. ***Pharmacological Reviews***, 54(2), pp. 271-284.

Lechtenberg, M., Quandt, B., & Nahrstedt, A., 2004. Quantitative determination of curcuminoids in Curcuma rhizomes and rapid differentiation of Curcuma domestica Val. and Curcuma xanthorrhiza Roxb. by capillary electrophoresis. ***Phytochemical Analysis***, 15(3),

pp. 152-158.

Li, S. Y., Wang, X. B., & Kong, L. Y., 2014. Design, synthesis and biological evaluation of imine resveratrol derivatives as multi-targeted agents against Alzheimer's disease. ***European Journal of Medicinal Chemistry***, 71, pp. 36-45.

Liu, S., Cao, Y., Qu, M., Zhang, Z., Feng, L., Ye, Z., & Han, Z., 2016. Curcumin protects against stroke and increases levels of Notch intracellular domain. ***Neurological Research***, 38(6), pp. 553-559.

Liu, Z., Ran, Y., Huang, S., Wen, S., Zhang, W., Liu, X., & Hu, X., 2017. Curcumin protects against ischemic stroke by titrating microglia/macrophage polarization. ***Frontiers in Aging Neuroscience***, 9, pp. 1-10.

Manca, M. L., Castangia, I., Zaru, M., Nácher, A., Valenti, D., Fernàndez-Busquets, X., & Manconi, M., 2015. Development of curcumin loaded sodium hyaluronate immobilized vesicles (hyalurosomes) and their potential on skin inflammation and wound restoring. **Biomaterials**, 71, pp. 100-109.

Metz, G. A., & Whishaw, I. Q., 2002. Cortical and subcortical lesions impair skilled walking in the ladder rung walking test : a new task to evaluate fore-and hindlimb stepping, placing, and coordination. J***ournal of Neuroscience Methods***, 115, pp. 169–179.

Pubchem, karakteristik kurkumin. Diakses dari https://pubchem.ncbi.nlm.nih.gov/compound/curcumin, pada tanggal 26 Desember 2018.

Qiu, L., Ng, G., Tan, E. K., Liao, P., Kandiah, N., & Zeng, L., 2016. Chronic cerebral hypoperfusion enhances Tau hyperphosphorylation and reduces autophagy in Alzheimer's disease mice. ***Scientific Reports***, 6, pp. 23964.

Riek-Burchardt, M., Henrich-Noack, P., Metz, G. A., & Reymann, K. G., 2004. Detection of chronic sensorimotor impairments in the ladder rung walking task in rats with endothelin-1-induced mild focal ischemia. ***Journal of Neuroscience Methods***, 137(2), pp. 227-233.

Rossini, P. M., Calautti, C., Pauri, F., & Baron, J. C., 2003. Post-stroke plastic reorganisation in the adult brain. ***The Lancet Neurology***, 2(8), pp. 493-502.

Sacco, R. L., Kasner, S. E., Broderick, J. P., Caplan, L. R., Connors, J. J., Culebras, A., & Vinters, H. V., 2013. An updated definition of stroke for the 21st century: A statement for healthcare professionals from the American heart association/American stroke association. ***Stroke***, 44(7), pp. 2064–2089.

Schaar, K. L., Brenneman, M. M., & Savitz, S. I., 2010. Functional assessments in the rodent stroke model. ***Experimental and Translational Stroke Medicine***, 2(1), pp. 13.

Shahjouei, S., Cai, P. Y., Ansari, S., Sharififar, S., Azari, H., Ganji, S., & Zand, R., 2016. Middle cerebral artery occlusion model of stroke in rodents: a step-by-step approach. ***Journal of Vascular and Interventional Neurology***, 8(5), pp. 1.

Smeltzer, S. C., & Bare, B. G., 2002. ***Buku Ajar Keperawatan Medikal Bedah***. *Jakarta: EGC*, pp. 1223.

Subhan, S., & Bagchi, M. 2017. ***Phytopharmaceuticals for Brain Health***. CRC Press, pp. 84-159.

Ta, L. E., Low, P. A., & Windebank, A. J., 2009. Mice with cisplatin and oxaliplatin-induced painful neuropathy develop distinct early responses to thermal stimuli. ***Molecular Pain***, 5(1), pp. 9.

Thiyagarajan, M., & Sharma, S. S., 2004. Neuroprotective effect of curcumin in middle cerebral artery occlusion induced focal cerebral ischemia in rats. ***Life Sciences***, 74(8), pp. 969-985.

Xie, C. J., Gu, A. P., Cai, J., Wu, Y., & Chen, R. C., 2018. Curcumin protects neural cells against ischemic injury in N2a cells and mouse brain with ischemic stroke. ***Brain and Behavior***, 8(2), pp. 921.

Wang, X., Zhang, C., Szábo, G., & Sun, Q. Q., 2013. Distribution of CaMKIIα expression in the brain in vivo, studied by CaMKIIα-GFP mice. ***Brain Research***, 1518, p. 9-25.

Warner, D. S., 2004. Oxidants, antioxidants and the ischemic brain. ***Journal of Experimental Biology***, 207(18), pp. 3221-3231.

Zhang, Y., Yan, Y., Cao, Y., Yang, Y., Zhao, Q., Jing, R., & Bao, J., 2017. Potential therapeutic and protective effect of curcumin against stroke in the male albino stroke-induced model rats. ***Life Sciences***, 183, pp. 45-49.

Zheng, M. X., Hua, X. Y., Jiang, S., Qiu, Y. Q., Shen, Y. D., & Xu, W. D., 2018. Contralateral peripheral neurotization for a hemiplegic hindlimb after central neurological injury. ***Journal of Neurosurgery***, 128(1), pp. 304-311.