DAFTAR PUSTAKA

Abel, T., dan Zukin, R., 2008, Epigenetic targets of HDAC Inhibition in Neurodegenerative and Psychiatric Disorders, *Current Opinion in Pharmacology*, **8** (1), 57–64.

Abu-Taweel, G. M., 2019, Neurobehavioral protective properties of curcumin against the mercury chloride treated mice offspring, *Saudi Journal of Biological Sciences*, **26** (4), 736–743.

Agudelo, Marisela., Gandhi, Nimisha., Saiyed, Zainulabedin., Pichili, Vijaya., Thangavel, Samikkannu., Khatavkar, Pradnya., Arias, Adriana Yndart., Nair, Madhavan, 2011, Effects of Alcohol on Histone Deacetylase 2 (HDAC2), *Alcoholism: Clinical and Experimental Research*, **35** (8).

Ahmad, N., Ahmad, R., Al-Qudaihi, A., Alaseel, S. E., Fita, I. Z., Khalid, M. S., Pottoo, F. H., & Bolla, S. R., 2019, A novel self-nanoemulsifying drug delivery system for curcumin used in the treatment of wound healing and inflammation, *3 Biotech*, **9** (10), 360.

Ayanlaja, A. A., Xiong, Y., Gao, Y., Ji, G., Tang, C., Abdikani Abdullah, Z., & Gao, D., 2017, Distinct Features of Doublecortin as a Marker of Neuronal Migration and Its Implications in Cancer Cell Mobility, *Frontiers in Molecular Neuroscience*, **10**, 199.

Azizah, Ulfah Laily., 2019, Pengaruh Nanoemulsi Kurkumin terhadap Ekspresi Gen *Histon Deasetilase 2*, *Tropomyosin Receptor Kinase b* dan *5-Hydroxytryptamine Receptor 1b*, Skripsi, Program Sarjana Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Bhat, K. M. R., 2006, Transcriptional regulation of human MAP2 gene in melanoma: Role of neuronal bHLH factors and Notch1 signaling, *Nucleic Acids Research*, **34** (13), 3819–3832.

Bhoi, D., 2012, Dietary Bioactive Compounds as Histone Deacetylase Inhibitor for Cancer Prevention, Thesis, National Institute of Technology, Rourkela, Odisha.

Cantacorps, L., Montagud-Romero, S., & Valverde, O., 2020, Curcumin treatment attenuates alcohol-induced alterations in a mouse model of foetal alcohol spectrum disorders, *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **100**, 109899.

Chen, Y., Shu, W., Chen, W., Wu, Q., Liu, H., & Cui, G., 2007, Curcumin, both Histone Deacetylase and p300/CBP-Specific Inhibitor, Represses the Activity of Nuclear Factor Kappa B and Notch 1 in Raji Cells, *Basic & Clinical Pharmacology & Toxicology*, **101** (6), 427–433.

Chen, F., Wang, H., Xiang, X., Yuan, J., Chu, W., Xue, X., Zhu, H., Ge, H., Zou, M., Feng, H., & Lin, J., 2014, Curcumin increased the differentiation rate of

neurons in neural stem cells via wnt signaling in vitro study, *Journal of Surgical Research*, **192** (2), 298–304.

Cho, S.-R., Benraiss, A., Chmielnicki, E., Samdani, A., Economides, A., & Goldman, S. A., 2007, Induction of neostriatal neurogenesis slows disease progression in a transgenic murine model of Huntington disease, *Journal of Clinical Investigation*, **117** (10), 2889–2902.

Chopra, S., Kohli, K., Arora, S., & Khar, R. K., 2011, In-situ nano-emulsification technique for enhancing oral bioavailability of curcumin and thereby evaluating its anticancer efficacy on human lung adeno-carcinoma epithelial cell line, *Journal of Pharmacy Research*, **11**, 7.

Couillard-Despres, S., Winner, B., Schaubeck, S., Aigner, R., Vroemen, M., Weidner, N., Bogdahn, U., Winkler, J., Kuhn, H.-G., & Aigner, L., 2005, Doublecortin expression levels in adult brain reflect neurogenesis, *European Journal of Neuroscience*, **21** (1), 1–14.

Dhouib, I. B., Annabi, A., Doghri, R., Rejeb, I., Dallagi, Y., Bdiri, Y., Lasram, M. M., Elgaaied, A., Marrakchi, R., Fazaa, S., & Gati, A., 2017, Neuroprotective effects of curcumin against acetamiprid-induced neurotoxicity and oxidative stress in the developing male rat cerebellum: Biochemical, histological, and behavioral changes, *Environmental Science and Pollution Research*, **24** (35), 27515–27524.

Durães, F., Pinto, M., & Sousa, E., 2018, Old Drugs as New Treatments for Neurodegenerative Diseases, *Pharmaceuticals*, **11** (2), 44.

Duvoix, A., Blasius, R., Delhalle, S., Schnekenburger, M., Morceau, F., Henry, E., Dicato, M., Diederich., M., 2005, Chemopreventive and Therapeutic Effect of Kurkumin, *Cancer Letter*, 181-190.

Dwivedi, P., Khatik, R., Khandelwal, K., Srivastava, R., Taneja, I., Rama Raju, K. S., Dwivedi, H., Shukla, P., Gupta, P., Singh, S., Tripathi, R., Paliwal, S. K., Wahajuddin, W., Dwivedi, A. K., & Mishra, P. R., 2014, Self-nanoemulsifying drug delivery systems (SNEDDS) for oral delivery of arteether: Pharmacokinetics, toxicity and antimalarial activity in mice. *RSC Adv.*, **4** (110).

Falkenberg, K. J., & Johnstone, R. W., 2014, Histone deacetylases and their inhibitors in cancer, neurological diseases and immune disorders, *Nature Reviews Drug Discovery*, **13** (9), 673–691.

Feng, J., Fouse, S., & Fan, G., 2007, Epigenetic Regulation of Neural Gene Expression and Neuronal Function, *Pediatric Research*, **61** (5: 2), 58-63.

Fischer, A., Sananbenesi, F., Mungenast, A., & Tsai, L.-H., 2010, Targeting the correct HDAC(s) to treat cognitive disorders, *Trends in Pharmacological Sciences*, **31** (12), 605–617.

Foti, S. B., Chou, A., Moll, A. D., & Roskams, A. J., 2013, HDAC inhibitors dysregulate neural stem cell activity in the postnatal mouse brain, *International Journal of Developmental Neuroscience*, **31** (6), 434–447.

Giacomeli, R., Izoton, J. C., dos Santos, R. B., Boeira, S. P., Jesse, C. R., & Haas, S. E., 2019, Neuroprotective effects of curcumin lipid-core nanocapsules in a model Alzheimer's disease induced by β-amyloid 1-42 peptide in aged female mice, *Brain Research*, **1721**, 146325.

Gonzalez-Zuñiga, M., Contreras, P. S., Estrada, L. D., Chamorro, D., Villagra, A., Zanlungo, S., Seto, E., & Alvarez, A. R., 2014, C-Abl Stabilizes HDAC2 Levels by Tyrosine Phosphorylation Repressing Neuronal Gene Expression in Alzheimer's Disease, *Molecular Cell*, **56** (1), 163–173.

Gräff, J., Rei, D., Guan, J.-S., Wang, W.-Y., Seo, J., Hennig, K. M., Nieland, T. J. F., Fass, D. M., Kao, P. F., Kahn, M., Su, S. C., Samiei, A., Joseph, N., Haggarty, S. J., Delalle, I., & Tsai, L.-H., 2012, An Epigenetic Blockade of Cognitive Functions in the Neurodegenerating Brain, *Nature*, **483** (7388), 222–226.

Harrison, I. F., & Dexter, D. T., 2013, Epigenetic targeting of histone deacetylase: Therapeutic potential in Parkinson's disease?, *Pharmacology & Therapeutics*, **140** (1), 34–52.

Hauss, D. J., 2007, Oral lipid-based formulations. *Advanced Drug Delivery Reviews*, **59** (7), 667–676.

He, X.-J., Uchida, K., Megumi, C., Tsuge, N., & Nakayama, H., 2015, Dietary curcumin supplementation attenuates 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) neurotoxicity in C57BL mice, *Journal of Toxicologic Pathology*, **28** (4), 197–206

Heshmati, N., Cheng, X., Eisenbrand, G., & Fricker, G., 2013, Enhancement of Oral Bioavailability of E804 by Self-Nanoemulsifying Drug Delivery System (SNEDDS) in Rats, *Journal of Pharmaceutical Sciences*, **102** (10), 3792–3799.

Huang, H.-C., Zheng, B.-W., Guo, Y., Zhao, J., Zhao, J.-Y., Ma, X.-W., & Jiang, Z.-F., 2016, Antioxidative and Neuroprotective Effects of Curcumin in an Alzheimer's Disease Rat Model Co-Treated with Intracerebroventricular Streptozotocin and Subcutaneous D-Galactose, *Journal of Alzheimer's Disease*, **52** (3), 899–911.

Huber, L. C., Stanczyk, J., Jüngel, A., & Gay, S., 2007, Epigenetics in Inflammatory Rheumatic Diseases, *Arthritis & Rheumatism*, **56** (11), 3523–3531.

Inugala, S., Eedara, B. B., Sunkavalli, S., Dhurke, R., Kandadi, P., Jukanti, R., & Bandari, S., 2015, Solid self-nanoemulsifying drug delivery system (S-SNEDDS) of darunavir for improved dissolution and oral bioavailability: In

vitro and in vivo evaluation, *European Journal of Pharmaceutical Sciences*, **74**, 1–10.

Istyastono, E., Nurrochmad, A., Nurrochmad, A., & Yuniarti, N., 2016, Structure-based virtual screening campaigns on curcuminoids as potent ligands for histone deacetylase-2, *Oriental Journal of Chemistry*, **32** (1), 275–282.

Jepsen, K., Hermanson, O., Onami, T. M., Gleiberman, A. S., Lunyak, V., McEvilly, R. J., Kurokawa, R., Kumar, V., Liu, F., Seto, E., Hedrick, S. M., Mandel, G., Glass, C. K., Rose, D. W., & Rosenfeld, M. G., 2000, Combinatorial Roles of the Nuclear Receptor Corepressor in Transcription and Development, *Cell*, **102** (6), 753–763.

Joshi, R. P., Negi, G., Kumar, A., Pawar, Y. B., Munjal, B., Bansal, A. K., & Sharma, S. S., 2013, SNEDDS curcumin formulation leads to enhanced protection from pain and functional deficits associated with diabetic neuropathy: An insight into its mechanism for neuroprotection, *Nanomedicine: Nanotechnology, Biology and Medicine*, **9** (6), 776–785.

Juliandi, B., Abematsu, M., & Nakashima, K., 2010, Epigenetic regulation in neural stem cell differentiation: Epigenetic in NSC differentiation, *Development, Growth & Differentiation*, **52** (6), 493–504.

Kaushal, P., Kumar, P., Mehra, R. D., & Dhar, P., 2018, Dendritic processes as targets for arsenic induced neurotoxicity: Protective role of curcumin, *Journal of the Anatomical Society of India*, **67** (1), 1–5.

Khuwaja, G., Khan, Mohd. M., Ishrat, T., Ahmad, A., Raza, S. S., Ashafaq, M., Javed, H., Khan, M. B., Khan, A., Vaibhav, K., Safhi, M. M., & Islam, F., 2011, Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: Behavioral, neurochemical and immunohistochemical studies, *Brain Research*, **1368**, 254–263.

Kodali, M., Hattiangady, B., Shetty, G. A., Bates, A., Shuai, B., & Shetty, A. K., 2018, Curcumin treatment leads to better cognitive and mood function in a model of Gulf War Illness with enhanced neurogenesis, and alleviation of inflammation and mitochondrial dysfunction in the hippocampus, *Brain, Behavior, and Immunity*, **69**, 499–514.

Kumar, A., Dogra, S., & Prakash, A., 2009, Protective effect of curcumin (*Curcuma longa*), against aluminium toxicity: Possible behavioral and biochemical alterations in rats, *Behavioural Brain Research*, **205** (2), 384–390.

Li, D., Wang, C., Tan, S., & Li, Y., 2013, Plant Compound Curcumin Increased the Expression of MAP2 in Hippocampal Neurons of APPswe/PS1dE9 Double Transgenic Mice, *Advanced Materials Research*, **781–784**, 717–720.

Li, J., Han, Y., Li, M., & Nie, C., 2019, Curcumin Promotes Proliferation of Adult Neural Stem Cells and the Birth of Neurons in Alzheimer's Disease Mice via Notch Signaling Pathway, *Cellular Reprogramming*, **21** (3), 152–161.

Licciardi, P. V., Kwa, F. A. A., Ververis, K., Di Costanzo, N., Balcerczyk, A., Tang, M. L., El-Osta, A., & Karagiannis, T. C., 2012, Influence of Natural and Synthetic Histone Deacetylase Inhibitors on Chromatin, *Antioxidants & Redox Signaling*, **17** (2), 340–354.

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

Mandal, M., Jaiswal, P., & Mishra, A., 2020, Curcumin loaded nanoparticles reversed monocrotophos induced motor impairment and memory deficit: Role of oxidative stress and intracellular calcium level, *Journal of Drug Delivery Science and Technology*, *56*, 101559.

Marks, P. A., 2010, Histone deacetylase inhibitors: A chemical genetics approach to understanding cellular functions, *Biochimica et Biophysica Acta (BBA) - Gene Regulatory Mechanisms*, **1799** (10–12), 717–725.

Menon, V. P., dan Sudheer, A. R., 2007, ANTIOXIDANT AND ANTI-INFLAMMATORY PROPERTIES OF CURCUMIN. Dalam B. B. Aggarwal, Y.-J. Surh, & S. Shishodia (Ed.), *The Molecular Targets and Therapeutic Uses of Curcumin in Health and Disease* (Vol. 595, hlm. 105–125), Springer US.

Merz, K., Herold, S., & Lie, D. C., 2011, CREB in adult neurogenesis—Master and partner in the development of adult-born neurons: CREB in adult neurogenesis, *European Journal of Neuroscience*, **33** (6), 1078–1086.

Nam, S. M., Choi, J. H., Yoo, D. Y., Kim, W., Jung, H. Y., Kim, J. W., Yoo, M., Lee, S., Kim, C. J., Yoon, Y. S., & Hwang, I. K., 2014, Effects of Curcumin (*Curcuma longa*) on Learning and Spatial Memory as Well as Cell Proliferation and Neuroblast Differentiation in Adult and Aged Mice by Upregulating Brain-Derived Neurotrophic Factor and CREB Signaling, *Journal of Medicinal Food*, **17** (6), 641–649.

Nazari-Vanani, R., Moezi, L., & Heli, H., 2017, In vivo evaluation of a self-nanoemulsifying drug delivery system for curcumin, *Biomedicine & Pharmacotherapy*, **88**, 715–720.

Nichols, E., Szoeke, C. E. I., Vollset, S. E., Abbasi, N., Abd-Allah, F., Abdela, J., Aichour, M. T. E., Akinyemi, R. O., Alahdab, F., Asgedom, S. W., Awasthi, A., Barker-Collo, S. L., Baune, B. T., Béjot, Y., Belachew, A. B., Bennett, D. A., Biadgo, B., Bijani, A., Bin Sayeed, M. S., Murray, C. J. L., 2019, Global, regional, and national burden of Alzheimer's disease and other dementias, 1990–2016: A systematic analysis for the Global Burden of Disease Study 2016, *The Lancet Neurology*, **18** (1), 88–106.

Nitarska, J., Smith, J. G., Sherlock, W. T., Hillege, M. M. G., Nott, A., Barshop, W. D., Vashisht, A. A., Wohlschlegel, J. A., Mitter, R., & Riccio, A., 2016,

A Functional Switch of NuRD Chromatin Remodeling Complex Subunits Regulates Mouse Cortical Development, *Cell Reports*, **17** (6), 1683–1698.

Ono, K., Hasegawa, K., Naiki, H., & Yamada, M., 2004, Curcumin has potent anti-amyloidogenic effects for Alzheimer's amyloid fibrils in vitro, *Journal of Neuroscience Research*, **75** (6), 742–750.

Pardridge, W. M., 2005, *The blood-brain barrier: Bottleneck in brain drug development*, **2** (1), 12.

Park, D., Joo, S. S., Lee, H. J., Choi, K.-C., Kim, S. U., & Kim, Y.-B., 2012, Microtubule-associated protein 2, an early blood marker of ischemic brain injury, *Journal of Neuroscience Research*, **90** (2), 461–467.

Penney, J., & Tsai, L.-H., 2014, Histone deacetylases in memory and cognition, *Science Signaling*, **7** (355), 12.

Prasad, S., & Aggarwal, B.B., 2011, Turmeric, the Golden Spice: From Traditional Medicine to Modern Medicine, in Herbal Medicine, *Biomolecular and Clinical Aspects*, **2**.

Prince, Martin., Comas-Herrera, Adelina., Knapp, Martin., Guerchet, Maëlenn., dan Karagiannidou, Maria., 2016, World Alzheimer report 2016: improving healthcare for people living with dementia: coverage, quality and costs now and in the future, *Alzheimer's Disease International* (ADI), London, UK.

Przyborski, S. A., & Cambray-Deakin, M. A., 1995, Developmental Regulation of MAP2 Variants during Neuronal Differentiation in Vitro, *Developmental Brain Research*, **89** (2), 187–201.

Rajendran, P., Ho, E., Williams, D. E., & Dashwood, R. H., 2011, Dietary phytochemicals, HDAC inhibition, and DNA damage/repair defects in cancer cells, *Clinical Epigenetics*, **3** (1), 4.

Rao, S. V. R., Agarwal, P., dan Shao, J., 2008, Self-nanoemulsifying drug delivery systems (SNEDDS) for oral delivery of protein drugs, *International Journal of Pharmaceutics*, **362** (1–2), 10–15.

Ray, B., dan Lahiri, D. K., 2009, Neuroinflammation in Alzheimer's disease: Different molecular targets and potential therapeutic agents including curcumin, *Current Opinion in Pharmacology*, **9** (4), 434–444.

Shah, F.-A., Gim, S.-A., Sung, J.-H., Jeon, S.-J., Kim, M.-O., & Koh, P.-O., 2016, Identification of proteins regulated by curcumin in cerebral ischemia, *Journal of Surgical Research*, **201** (1), 141–148.

Sharma, S., Narang, J. K., Ali, J., & Baboota, S., 2016, Synergistic antioxidant action of vitamin E and rutin SNEDDS in ameliorating oxidative stress in a Parkinson's disease model, *Nanotechnology*, **27** (37), 375101.

Shen, L., & Ji, H.-F., 2012, The pharmacology of curcumin: Is it the degradation products, *Trends in Molecular Medicine*, **18** (3), 138–144.

Shukla, M., Jaiswal, S., Sharma, A., Srivastava, P. K., Arya, A., Dwivedi, A. K., & Lal, J., 2017, A combination of complexation and self-nanoemulsifying drug delivery system for enhancing oral bioavailability and anticancer efficacy of curcumin, *Drug Development and Industrial Pharmacy*, **43** (5), 847–861.

Suárez-Pereira, I., Canals, S., & Carrión, Á. M, 2015., Adult newborn neurons are involved in learning acquisition and long-term memory formation: The distinct demands on temporal neurogenesis of different cognitive tasks: Adult Neurogenesis in Learning and Memory, *Hippocampus*, **25** (1), 51–61.

Suriastini, D. N. W., Phil, M., Turana, D. Y., Witoelar, F., Supraptilah, B., Wicaksono, T. Y., dan Jaya, U. A., 2016, Angka Prevalensi Demensia: Perlu Kita Perhatikan Semua, *Unika Atma Jaya.*

Teng, J., Takei, Y., Harada, A., Nakata, T., Chen, J., & Hirokawa, N., 2001, Synergistic effects of MAP2 and MAP1B knockout in neuronal migration, dendritic outgrowth, and microtubule organization, *Journal of Cell Biology*, **155** (1), 65–76.

Tint, I., Jean, D., Baas, P. W., & Black, M. M., 2009, Doublecortin Associates with Microtubules Preferentially in Regions of the Axon Displaying Actin-Rich Protrusive Structures, *Journal of Neuroscience*, **29** (35), 10995–11010.

Tiwari, V., dan Chopra, K., 2012, Attenuation of oxidative stress, neuroinflammation, and apoptosis by curcumin prevents cognitive deficits in rats postnatally exposed to ethanol, *Psychopharmacology*, **224** (4), 519–535.

Tiwari, V., dan Chopra, K., 2013, Protective effect of curcumin against chronic alcohol-induced cognitive deficits and neuroinflammation in the adult rat brain, *Neuroscience*, **244**, 147–158.

Tiwari, S. K., Agarwal, S., Seth, B., Yadav, A., Nair, S., Bhatnagar, P., Karmakar, M., Kumari, M., Chauhan, L. K. S., Patel, D. K., Srivastava, V., Singh, D., Gupta, S. K., Tripathi, A., Chaturvedi, R. K., & Gupta, K. C., 2014, Curcumin-Loaded Nanoparticles Potently Induce Adult Neurogenesis and Reverse Cognitive Deficits in Alzheimer's Disease Model *via* Canonical Wnt/β-Catenin Pathway, *ACS Nano*, **8** (1), 76–103

Tiwari, S. K., Agarwal, S., Tripathi, A., & Chaturvedi, R. K., 2016, Bisphenol-A Mediated Inhibition of Hippocampal Neurogenesis Attenuated by Curcumin via Canonical Wnt Pathway, *Molecular Neurobiology*, **53** (5), 3010–3029.

Wahlang, B., Kabra, D., Pawar, Y., Tikoo, K., & Bansal, A., 2012, Contribution of Formulation and Excipients Towards Enhanced Permeation of Curcumin. *Arzneimittelforschung*, **62** (02), 88–93.

Wang, Q., Sun, A. Y., Simonyi, A., Jensen, M. D., Shelat, P. B., Rottinghaus, G. E., MacDonald, R. S., Miller, D. K., Lubahn, D. E., Weisman, G. A., & Sun, G. Y., 2005, Neuroprotective mechanisms of curcumin against cerebral

ischemia-induced neuronal apoptosis and behavioral deficits, *Journal of Neuroscience Research*, **82** (1), 138–148.

Wang, Y.-L., Liu, X.-S., Wang, S.-S., Xue, P., Zeng, Z.-L., Yang, X.-P., Zhang, S.-M., Zheng, W., Hua, L., Li, J.-F., Wang, H.-T., & Guo, S., 2020, Curcumin-Activated Mesenchymal Stem Cells Derived from Human Umbilical Cord and Their Effects on MPTP-Mouse Model of Parkinson's Disease: A New Biological Therapy for Parkinson's Disease, *Stem Cells International*, **2020**, 1–17.

Xiao, Z., Lin, L., Liu, Z., Ji, F., Shao, W., Wang, M., Liu, L., Li, S., Li, F., & Bu, X., 2010, Potential therapeutic effects of curcumin: Relationship to microtubule-associated proteins 2 in Aβ1–42 insult, *Brain Research*, **1361**, 115–123.

Yadav, A., Lomash, V., Samim, M., & Flora, S. J. S., 2012, Curcumin encapsulated in chitosan nanoparticles: A novel strategy for the treatment of arsenic toxicity, *Chemico-Biological Interactions*, **199** (1), 49–61.

Yallapu, M. M., Jaggi, M., & Chauhan, S. C., 2012, Curcumin nanoformulations: A future nanomedicine for cancer, *Drug Discovery Today*, **17** (1–2), 71–80.

Yi, L.-T., Dong, S.-Q., Wang, S.-S., Chen, M., Li, C.-F., Geng, D., Zhu, J.-X., Liu, Q., & Cheng, J., 2020, Curcumin attenuates cognitive impairment by enhancing autophagy in chemotherapy, *Neurobiology of Disease*, **136**, 104715.

Yuniarti, N., & Nurrochmat, A., 2016, 'Elusidasi Mekanisme Molekular Kurkumin dan Dietary Compounds Lain sebagai Brain Disorder Treatment Agents Baru melalui Uji Aktivitas *in vitro*, *in silico*, dan *in vivo* pada Target Enzim Histon Deasetilase', *Laporan Tahun 2016 Penelitian Berbasis Kompetensi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Yuniarti, N., Purwantiningsih, dan Nurrochmat, A., 2015, Elusidasi Mekanisme Molekular Kurkumin dan Dietary Compounds Lain sebagai Brain Disorder Treatment Agents Baru melalui Uji Aktivitas in vitro, in silico, dan in vivo pada Target Enzim Histon Deasetilase, Laporan Tahun 2015 Penelitian Berbasis Kompetensi, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Yuniarti, N., Murwanti, R., dan Sugiyanto, 2017, Elusidasi Mekanisme Molekular Kurkumin dan Dietary Compounds Lain sebagai Brain Disorder Treatment Agents Baru melalui Uji Aktivitas *in silico*, *in vitro*, dan *in vivo* pada Target Enzim Histon Deasetilase, *Laporan Tahun Terakhir Penelitian Berbasis Kompetensi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Zhang, W., Aubert, A., Gomez de Segura, J. M., Karuppasamy, M., Basu, S., Murthy, A. S., Diamante, A., Drury, T. A., Balmer, J., Cramard, J., Watson, A. A., Lando, D., Lee, S. F., Palayret, M., Kloet, S. L., Smits, A. H., Deery, M. J., Vermeulen, M., Hendrich, B., … Laue, E. D., 2016, The Nucleosome

Remodeling and Deacetylase Complex NuRD Is Built from Preformed Catalytically Active Sub-modules, *Journal of Molecular Biology*, 428 (**14**), 2931–2942.