

DAFTAR PUSTAKA

Alberts B. 2008. Molecular biology of the cell 5th edition. *Garland science*, Newyork.
Bartlett J.M., Stirling, D. 2003. PCR protocols. *Humana Press*, 3-81.

Bathina, S and Das, U.N. 2014. Brain-Derived Neurotrophic Factor and Its Clinical Implications: *Arch Med Sci*

Buttterworth, J.F., Mackey, D.C., Wasnick, J.D. 2013. Morgan dan Mikhail's Clinical Anesthesiology 5th Edition. *Mc Graw Hill*.

Cancer Chemoprevention Research Center. 2010. Mekanisme dan Regulasi Apoptosis, *Universitas Gadjah Mada*.

Creeley, C.E., Olney, J.W. 2010. The Young: Neuroapoptosis Induced by Anesthetics and What to Do About It, *New York*, 442–448.

Devinsky O., D'Esposito M. 2004. Neurology of cognitive and behavioral disorders. New York : *Oxford University Press*.

Durga, P., Yalamanchili, V. 2016. Basic cellular and molecular mechanisms of anesthetic-induced developmental neurotoxicity: Potential strategies for alleviation. *Jurnal of Neuroanaesthesiology and Critical Care*. 15-23

Ellen McCann, M., G Soriano, S., 2012. General anesthetics in pediatric anesthesia: influences on the developing brain. *Curr. Drug Targets* 13, 944–951.

Handoyo, D., Rudiretna, A. 2000. General Principle and Implementation of Polymerase Chain Reaction. *Surabaya*, 17-28.

Hengartner, M.O. 2000. The biochemistry of apoptosis nature, *Newyork*, 770-776.
Ikonomidou, C., Bosch, F., Miksa, M., Bittigau, P., Vockler, J., Dikranian, K., Tenkova, TI., Stefovskia, V., Turski, L., Olney, JW. 1999. Blockade NMDA Resceptors and Apoptotic Neurodegeneration in the Developing Brain. *Sciencemag*.

Jevtovic-Todorovic, V., Hartman, RE., Izumi, Y., Benshooff, ND., Diktranian, K., Zorumski, CF., Olney, JW., Wozniak, DF. 2003. Early Exposure to Common Anesthetic Agent Causes Widespread Neurodegeneraton in the Developing Rat Brain and Persistent Learning Deficits. *Departemen of Neurology and Psychiatry Washington University*.

Laurence and Bacharach, A.L. 1964. Evaluation Drugs Activity : *Academic Press*

Longnecker, D.E., Brown, D.L., Newman, M.F., Zapo, W.M. 2012. Anesthesiology 2nd Edition. *McGraw-Hill Professional*, New York.

Lu, L.X., Yon, J.-H., Carter, L.B., Jevtovic-Todorovic, V., 2006. General anesthesia activates BDNF-dependent neuroapoptosis in the developing rat brain. *Apoptosis* 11, 1603–1615.

Luo, J., Guo, J., Han, D., Li, H. 2013. Comparison of Dexmedetomidine and Midazolam on Neurotoxicity in Neonatal Mice. *PubMed*, 607-610

Miller, RD. 2015. Miller's Anesthesia 8th Edition : *Elsevier Saunder*.

Morimoto, Y, Uchida Y, Saito, H. 2017. Anesthesia and Neurotoxicity. To What Degree Can We Extrapolate the Animal Data. *Springer : Japan*, 33-46.

Newton, C.R., Graham, A. 1994. PCR. BIOS Scientific Publishers Limited. *Oxford*.

Reilly, C. 2015. Stoelting's Pharmacology and Physiology in Anesthetic Practice 5th Edition, *Br. J. Anaesth.*

So, E.C., Huang, B.M., Chen, Y.C., Wang, S.C., Wu, C.C., Huang, M.C., Lai, M.S., Pan, B.S., Kang, F.C., 2016. Midazolam regulated caspase pathway, endoplasmic reticulum stress, autophagy, and cell cycle induce apoptosis in MA-10 mouse Leydig tumor cells. *Dovepress*. Pp 2519-2533

Stevens, M.F., Werdehausen, R., Gaza, N., Hermanns, H., Kremer, D., Bauer, I., Küry, P., Hollmann, M.W., Braun, S. 2011. Midazolam Activates the Intrinsic Pathway of Apoptosis Independent of Benzodiazepine and Death Receptor Signaling, *American Society of Regional Anesthesia*, 343–34x.

Sun, J., Chen, X.-L., Zheng, J.-Y., Zhou, J.-W., Ma, Z.-L. 2016. Astragaloside IV Protects Newborn Rats from Anesthesia-Induced Apoptosis in the Developing Brain. *China*, 2016, 1829–1835.

Tortora, G. Derrickson, B. 2006. Principles of Anatomy and Physiology 11th Edition: *The Cellular Level of Organization : Wiley*.

The University of Maine. (2001). *Children and Brain Development: What We Know About How Children Learn*

Uchino, H., Nagashima, F. Nishiyama R, Ishida Y., Saiki I., Yara, M., Hara, N. 2014. Pathophysiology and Mechanism of Postoperative Cognitive Dysfunction : *Masui*.

Yuki, K. Mio, Y. Uezono, S. 2017. Anesthesia and Neurotoxicity: Implication for Pediatric. Chapter 33-46. *Springer : Japan*.

Yuong, C., Todorovic, VJ., Qin, YQ., Tenkova, T., Wang, H., Labruyere, J., Olney, JW. 2005. Potential of Ketamin and Midazolam, Individual or in Combination, to Induce Apoptotic Neurodegeneration in the Infant Mouse Brain. *British Journal of Pharmacology: Washington*

Zuccherelli, L. 2010. Long term effects of anaesthesia: neurotoxicity at the extremes of age. *FANZCA: Southern African*. 70–74