

DAFTAR PUSTAKA

- Abhishek S & Catherine MV. 2013. Mesenchymal Stem Cells Migration Homing and Tracking. *Stem Cell Biology and Embryology, Department of Development and Regeneration, KU Leuven, 3000 Leuven, Belgium.*
- Arnold I. Caplan. 1999. Mesenchymal *stem cell*: From Departemen of Biology, Case Western Reserve University, Cleveland, Ohoi, USA
- Bongso A & Lee EH. 2005. *Stem cells: From Bench to Bedside*. Singapore: World Scientific Publishing Co. Pte. Ltd.
- Chen L., Tredget EE., Wu PY., Wu Y., 2008, "Paracrine factors of mesenchymal stem cells recruit macrophages and endothelial lineage cells and enhance wound healing", *PLoS One*; 3:e1886.
- Dani Halim, Harry Murti, Ferry Sandra, Arief Boediono, Tono Djuantono, Boenjamin Setiawan. *Stem cell*, dasar teori & aplikasi klinis,2010.4:109.
- Dressel R, Schinidehütte J, Kuhlmann T, Elsner L, Novota P, Baier P, et al. 2008. *The tumorigenicity of mouse embryonic stem cells and in vitro differentiated neuronal cells is controlled by the recipients' immune response*. PLoS ONE.
- Fu X., Han B., Cai S., et al., 2009,"Migration of bone marrow-derived mesenchymal stem cells induced by tumor necrosis factor-alpha and its possible role in wound healing",*Wound Repair Regen*;17(2):185-191.
- Gutiérrez FM., Rodríguez FB., Alvarez GJ., et al., 2011, "Functional recovery after hematic administration of allogenic mesenchymal stem cells in acute ischemic stroke in rats", *Neuroscience*; 175: 394-405.
- Han B., Fu XB., Han B., Lei YH., Chen W., Sun TZ., 2007, "Chemotactic effects of burn rat serum on mesenchymal stem cells derived from different sources", *Zhonghua Shao Shang Za Zhi*;23(1):25-8.
- Han et al. Chemotactic Effects of Burn Rat Serum on Mesenchymal Stem Cell Derived from Different Sources 2007.
- Hass et al. Cell Communication and Signaling 2011. Jenis – jenis *stem cell*. 9:12
- Heo SC., Jeon ES., Lee IH., Kim HS., Kim MB., Kim JH., 2011, "Tumor necrosis factor-alpha-activated human adipose tissue-derived mesenchymal stem cells accelerate cutaneous wound healing through paracrine mechanisms", *J. Invest. Dermatol.*, 1559–1567.
- Ikawati, Zullies. 2008. *Pengantar Farmakologi Molekuler*. Yogyakarta: Gajah Mada University Press

Intravenous Administration of Human Umbilical Cord Blood Reduces Behavioral Deficits After Stroke in Rats. *Stroke* 2001;32:2682

Jiang B., Liao R., 2010, “*The paradoxical role of inflammation in cardiac repair and regeneration*”, *J. Cardiovasc. Transl. Res.*, 410–416.

Kumar V., Abbas AK., Fausto N. 2005. Neoplasia. In: Robbins and Cotran Pathology Basis of Disease. 7th Ed, Philadelphia. Elsevier Saunders.:1041-1042.

Kumar V., Cotran RS., Robbins SL. 2003. Robbins Basic Pathology: Neoplasia. Philadelphia: Elsevier Science.: 145-125.

Kwon YW., Heo SC., Jeong GO., Yoon JW., Mo WM., Lee MJ., et al., 2013, “*Tumor necrosis factor- α -activated mesenchymal stem cells promote endothelial progenitor cell homing and angiogenesis*”, *Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease*, 2136–2144.

Lee MJ., Kim J., Kim MY., Bae YS., Ryu SH., Lee TG., Kim JH., 2010, “*Proteomic analysis of tumor necrosis factor-alpha-induced secretome of human adipose tissue-derived mesenchymal stem cells*”, *J. Proteome Res.*, 1754–1762.

Liang C., Ann Y Park., Jun-Lin Guan., 2007, “*In vitro scratch assay: a convenient and inexpensive method for analysis of cell migration in vitro*”, Departments of Internal Medicine, University of Michigan Medical School, Ann Arbor, Michigan 48109, USA.

Li L., Yang M., Wang C., Zhao Q., Liu J., Zhan C., Liu Z., Li X., Wang W., Yang X., 2012, “*Effects of cytokines and chemokines on migration of mesenchymal stem cells following spinal cord injury*”, *Neural Regen Res*; 7:1106-12.

Locksley RM., Killeen N., Lenardo MJ., 2001, “*The TNF and TNF receptor superfamilies: integrating mammalian biology*”, *Cell*, 104; 487–501.

Ponte AL., Marais E., Gallay N., Langonne A., Delorme B., Herault O., Charbord P., Domenech J., 2007, “*The in vitro migration capacity of human bone marrow mesenchymal stem cells: comparison of chemokine and growth factor chemotactic activities*”, *Stem Cells*; 25:1737.

Putra, A, 2012, *Molekuler Onkogenesis :Konsep genetik, Virus, Radiasi-Kimia, Mutasi Gen, Epigenetik dan Signalling*, Terbitan Pertama, Unissula Press, Semarang, 89-103.

Rodriguez, L.G., Wu X., and Guan J.L. 2005. *Wound-healing assay*. *Mol Biol* 294: 23-9.

- Rustad KC., Gurtner GC., 2012, “*Mesenchymal Stem Cells Home to Sites of Injury and Inflammation*”, *Adv Wound Care (New Rochelle)*; 1(4): 147–152.
- Ruster B., Göttig S., Ludwig RJ., et al., 2006, “*Mesenchymal stem cells display coordinated rolling and adhesion behavior on endothelial cells*”, *Blood*;108(12):3938-3944.
- Saputra V. 2006. Dasar – dasar *stem cell* dan potensi aplikasi. *Business Development Corporate Department, PT Kalbe Farma Tbk. Jakarta, Indonesia*
- Segers VF., Van Riet I., Andries LJ., et al., 2006, “*Mesenchymal stem cell adhesion to cardiac microvascular endothelium: activators and mechanisms*”, *Am J Physiol Heart Circ Physiol*;290(4):1370-1377.
- Setiawan B. 2006. *Aplikasi terapeutik sel stem embrionik pada berbagai penyakit degeneratif. Cermin Dunia Kedokteran*
- Shenghui H, Nakada D, and Morrison SJ. 2009. *Mechanisms of Stem cell Self-Renewal Annu. Rev. Cell Dev. Biol.*
- Wu Y., Chen L., Scott PG., Tredget EE., 2007, “*Mesenchymal stem cells enhance wound healing through differentiation and angiogenesis*”, *Stem Cells*; 25:2648.
- Yamashita YM, Yuan H, Cheng J, and Hunt AJ., 2010, Polarity in stemcell division. *Asymmetric Stem cell Division in Tissue Homeostasis*. 1-15 .