

## DAFTAR PUSTAKA

- Abbas, Abul K., Lichtman, Andrew H., Pillai, Shiv. 2007. *Cellular and Molecular Immunology 6th edition*. Philadelphia: Elsevier.
- Blystone, SD., Slater, SE., William, MP., Crow, MT., Brown, EJ,. 1999. *A Molecular Mechanism of Integrin Crosstalk*. J Cell Biol 145: 889-897.
- Campbell, Neil. A., Reece. Jane.B., 2004. *BIOLOGY 7th edition*. San Francisco: Pearson Education. 221-234.
- Cantor JM, Ginsberg MH, Rose DM. *Integrin-associated proteins as potential therapeutic targets*. Immunol. Rev. 2008;223.PubMed
- Crisostomo PR, Wang Y, Markel TA, Wang M, Lahm T, et al. (2008) *Humanmesenchymal stem cells stimulated by TNF-alpha, LPS, or hypoxia producegrowth factors by an NF kappa B- but not JNK-dependent mechanism*.Am J Physiol Cell Physiol 294: 675–682.
- Dzierzak, E. (1999). *Embryonic beginnings of definitive hematopoietic stem cells*.Ann. N. Y. Acad. Sci. 872, 256–262.
- Entschladen, F., KS, Zunker,. 2010. *Cell Migration: Signalling and Mechanism*. Europe: Karger.
- Etienne-Manneville S. *Polarity proteins in migration and invasion*. Oncogene 2008; 27:6970-80 PubMed
- 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
- Halim, D., Murti, H., Sandra, F., 2010, Stem Cell Dasar Teori & Aplikasi Klinis, Erlangga Medical Series, Jakarta
- Hoffbrand, A.V., Moss, P.A.H., Pettit. J. E., 2006. *Essential Haematology. 5th Edition*. Garsington Road, Oxford: Blackwell Publishing Ltd. 1-11.
- Huvanees S, Danen EH. *Adhesion signaling - crosstalk between integrins, Src and Rho*. J. Cell. Sci. 2009; 122:1059-69 PubMed.
- Insall RH, Machesky LM. *Actin dynamics at the leading edge: from simple machinery to complex networks*. Dev. Cell 2009; 17:310-22 PubMed.
- J, Jiang., R, Goel., MA, Iftekhar., R, Visaria., JD, Belcher., GM, Varcellotti., JC, Bischof. 2008. *TNF alpha induced accentuation in cryoinjury: mechanism in vitro and in vivo*.USA: US National Library of Medicine National Institutes of Health.
- Jovinge, Stefan., Nilsson, Anna Hultgardh., Regnstrom, Jan., Nilson, Jan. 1997. *Tumor Necrosis Factor- Activates Smooth Muscle Cell Migration in Culture and Is Expressed in the Balloon-Injured Rat Aorta*. 17: 490-497.

- Kang, Sung Keun., Shin, Il Seob., Ko, Myung Soon., Jo, Jung., Ra, Jeong Chan. 2012. *Journey of Mesenchymal Stem Cells for Homing: Strategies to Enhance Efficacy and Safety of Stem Cell Therapy*. Hindawi.
- Kitagawa, M., Saito, I., Kuwata, T., Yoshida, S., Yamaguchi. (1997). *Overexpression of TNF- $\tau$  and IFN- $\alpha$  by bone marrow cells from patients with myelodysplastic syndromes*. 11, 2049-2054.
- Keller R. *Cell migration during gastrulation*. Curr. Opin. Cell Biol. 2005; 17:533-41 PubMed.
- Laughlin, M.J. (2001). *Umbilical cord blood for allogeneic transplantation in children and adults*. Bone Marrow Transplant. 27, 1–6.
- 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.
- Luster AD, Alon R, von Andrian UH. *Immune cell migration in inflammation: present and future therapeutic targets*. Nat. Immunol. 2005; 6:1182-90 PubMed.
- Marshak, D.R., Gottlieb, D., Kiger, A.A.(2001). *Stem cell biology*. Cold Spring Harbor, New York: Cold Spring Harbor Laboratory Press.
- Negrin, R.S., Atkinson, K., Leemhuis, T.(2000). *Transplantation of highly purified CD34+ Thy-1+ hematopoietic stem cells in patients with metastatic breast cancer*. Biol.Blood Marrow Transplant. 6, 262–271.
- Petrie RJ, Doyle AD, Yamada KM. *Random versus directionally persistent cell migration*. Nat. Rev. Mol. Cell Biol. 2009; 10:538-49 PubMed.
- 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.
- Takemura, Akane., Nakagawa,Ichiro., Kawai, Shinji., Inaba, Hiroaki., Kato, Takahiro. 2006. *Inhibitory Effects of Tumor Necrosis Factor-Alpha on Migration of Human Periodontal Ligament Cells*. Journal Periodontol ed 77th; 883-890.
- Qin, Zhenjie., Fang, Zhixiu., Zhao, Lei., Chen, Jing., Li, Yuanteng., Liu, Guangyun. (2015). *High dose of TNF- $\tau$  suppresed osteogenic differentiation of human dental pulp stem cells by activating Ent/S catenin signaling*. Journal of Molecular Histology. 46, 409-420.
- Radji, M. 2010. Buku Ajar Mikrobiologi Panduan Mahasiswa Farmasi & Kedokteran. EGC: Jakarta. 115-140.
- WHO (World Health Organization), *Global Status Report On Noncommunicable Diseases* 2014.