

CHAPTER V

REFERENCES

- Arnold, E. A., Katsnelson, I., & Hoffman, G. J. (1982). Proliferation and differentiation of hematopoietic stem cells in long-term cultures of adult hamster spleen. *J Exp Med*, 155(5), 1370-1384.
- Baharvand, H., Azarnia, M., Parivar, K., & Ashtiani, S. K. (2005). The effect of extracellular matrix on embryonic stem cell-derived cardiomyocytes. *J Mol Cell Cardiol*, 38(3), 495-503.
- Cheng, L., Qasba, P., Vanguri, P., & Thiede, M. A. (2000). Human mesenchymal stem cells support megakaryocyte and pro-platelet formation from CD34(+) hematopoietic progenitor cells. *J Cell Physiol*, 184(1), 58-69.
- Choi, S.-S., Lee, Y. S., Joo, C. W., Lee, S. G., Park, J. K., & Han, K.-S. (2004). Electrospun PVDF nanofiber web as polymer electrolyte or separator. *Electrochimica Acta*, 50(2-3), 339-343.
- Corso, A., Varettoni, M., Mangiacavalli, S., Zappasodi, P., Klersy, C., Rusconi, C., et al. (2005). Bone marrow CD34+ cell count is predictive for adequate peripheral progenitor cell collection. *Leuk Res*, 29(2), 159-163.
- Dawson, E., Mapili, G., Erickson, K., Taqvi, S., & Roy, K. (2008). Biomaterials for stem cell differentiation. *Advanced Drug Delivery Reviews*, 60(2), 215-228.
- Devine, S. M. (2002). Mesenchymal stem cells: will they have a role in the clinic? *J Cell Biochem Suppl*, 38, 73-79.

- Ding, D.-C., Shyu, W.-C., Chiang, M.-F., Lin, S.-Z., Chang, Y.-C., Wang, H.-J., et al. (2007). Enhancement of neuroplasticity through upregulation of [beta]1-integrin in human umbilical cord-derived stromal cell implanted stroke model. *Neurobiology of Disease*, 27(3), 339-353.
- Fontao-Wendel, R., Lazar, A., Melges, S., Altobeli, C., & Wendel, S. (1999). The absolute number of circulating CD34+ cells as the best predictor of peripheral hematopoietic stem cell yield. *Journal of Hematotherapy*, 8(3), 255-262.
- Fukushima, N., & Ohkawa, H. (1995). Hematopoietic stem cells and microenvironment: the proliferation and differentiation of stromal cells. *Crit Rev Oncol Hematol*, 20(3), 255-270.
- Guillot, P. V., Cui, W., Fisk, N. M., & Polak, D. J. (2007). Stem cell differentiation and expansion for clinical applications of tissue engineering. *J Cell Mol Med*, 11(5), 935-944.
- Gutensohn, K., Magens, M. M., Kroeger, N., Krueger, W., Brockmann, M. A., Gutensohn, J., et al. (2001). Monitoring the timing of peripheral blood stem cell apheresis: Application of the hematopoietic progenitor cell analysis. *Infusionstherapie und Transfusionsmedizin*, 28(5), 271-276.
- Harvey, K., & Dzierzak, E. (2004). Cell-cell contact and anatomical compatibility in stromal cell-mediated HSC support during development. *Stem Cells*, 22(3), 253-258.

- Hung, C. H., Lin, Y. L., & Young, T. H. (2006). The effect of chitosan and PVDF substrates on the behavior of embryonic rat cerebral cortical stem cells. *Biomaterials*, 27(25), 4461-4469.
- Hwang, N. S., Varghese, S., & Elisseeff, J. (2008). Controlled differentiation of stem cells. *Adv Drug Deliv Rev*, 60(2), 199-214.
- Jang, Y. K., Jung, D. H., Jung, M. H., Kim, D. H., Yoo, K. H., Sung, K. W., et al. (2006). Mesenchymal stem cells feeder layer from human umbilical cord blood for ex vivo expanded growth and proliferation of hematopoietic progenitor cells. *Annals of Hematology*, 85(4), 212-225.
- Janowska-Wieczorek, A., Marquez, L. A., Nabholz, J. M., Cabuhat, M. L., Montao, J., Chang, H., et al. (1999). Growth factors and cytokines upregulate gelatinase expression in bone marrow CD34+ cells and their transmigration through reconstituted basement membrane. *Blood*, 93(10), 3379-3390.
- Kadereit, S., Deeds, L. S., Haynesworth, S. E., Koc, O. N., Kozik, M. M., Szekely, E., et al. (2002). Expansion of LTC-ICs and maintenance of p21 and BCL-2 expression in cord blood CD34(+)/CD38(-) early progenitors cultured over human MSCs as a feeder layer. *Stem Cells*, 20(6), 573-582.
- Kiatpongsan, S. (2006). Introduction to Stem cell Medicine. *Journal of The Medical Association of Thailand*, 89(1), 111-117.
- Koh, S. H., Choi, H. S., Park, E. S., Kang, H. J., Ahn, H. S., & Shin, H. Y. (2005). Co-culture of human CD34+ cells with mesenchymal stem cells increases the survival

of CD34+ cells against the 5-aza-deoxycytidine- or trichostatin A-induced cell death. *Biochem Biophys Res Commun*, 329(3), 1039-1045.

Liu, H., Lin, J., & Roy, K. (2006). Effect of 3D scaffold and dynamic culture condition on the global gene expression profile of mouse embryonic stem cells. *Biomaterials*, 27(36), 5978-5989.

Long, M. W. (1992). Blood cell cytoadhesion molecules. *Exp Hematol*, 20(3), 288-301.

Ma, K., Chan, C. K., Liao, S., Hwang, W. Y. K., Feng, Q., & Ramakrishna, S. (2008). Electrospun nanofiber scaffolds for rapid and rich capture of bone marrow-derived hematopoietic stem cells. *Biomaterials*, 29(13), 2096-2103.

Noronha, J. F. A., Lorand-Metze, I. G. H., & Grotto, H. Z. W. (2006). Hematopoietic progenitor cells (HPC) and immature reticulocytes evaluations in mobilization process: New parameters measured by conventional blood cell counter. *Journal of Clinical Laboratory Analysis*, 20(4), 149-153.

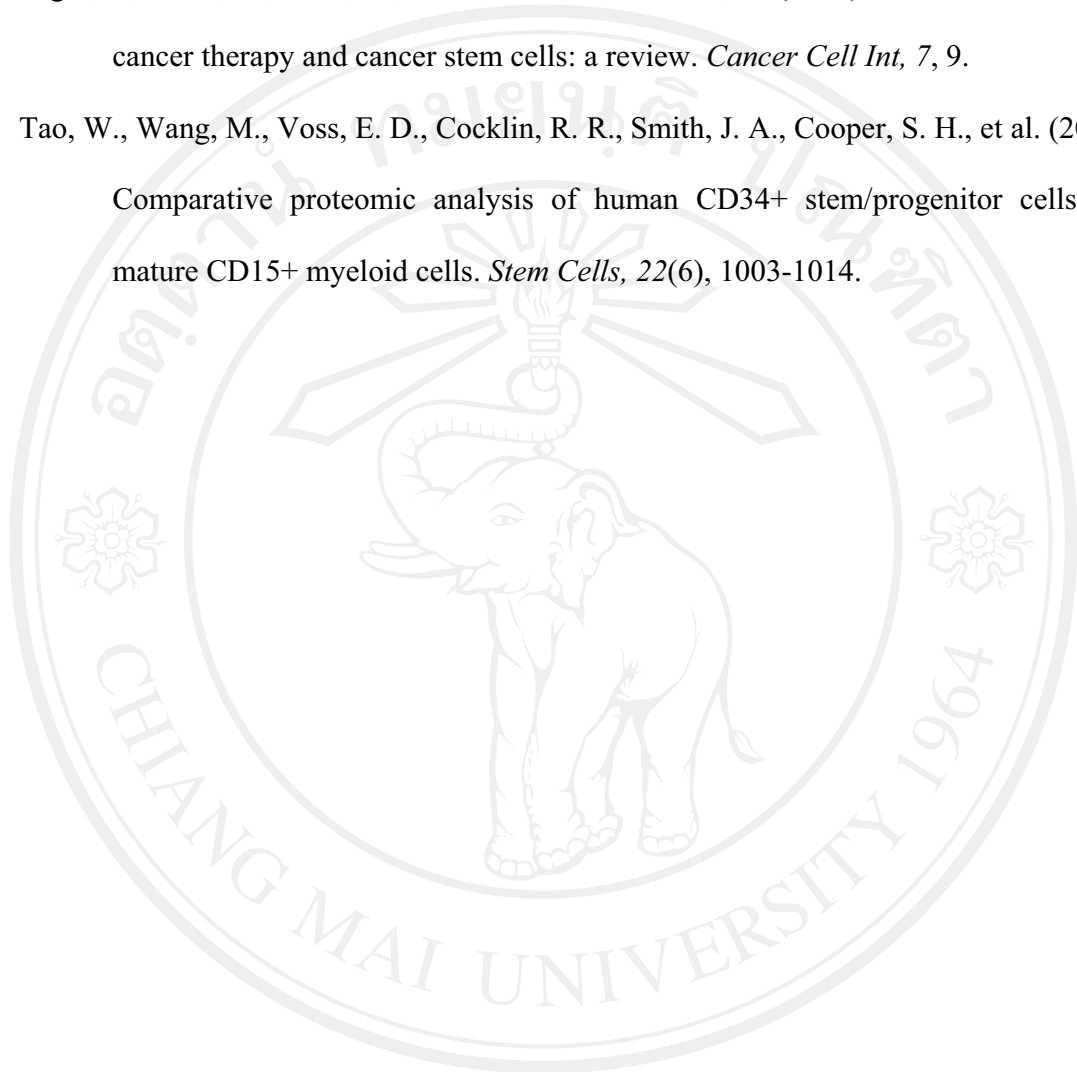
Peterson, D. A. (2004). Stem cell therapy for neurological disease and injury. *Panminerva Med*, 46(1), 75-80.

Placzek, M. R., Chung, I. M., Macedo, H. M., Ismail, S., Blanco, T. M., Lim, M., et al. (2009). Stem cell bioprocessing: Fundamentals and principles. *Journal of the Royal Society Interface*, 6(32), 209-232.

Rowley, S. D., Yu, J., Gooley, T., Heimfeld, S., Holmberg, L., Maloney, D., et al. (2001). Trafficking of CD34+ cells into the peripheral circulation during collection of peripheral blood stem cells by apheresis. *Bone Marrow Transplant*, 28(7), 649-656.

Sagar, J., Chaib, B., Sales, K., Winslet, M., & Seifalian, A. (2007). Role of stem cells in cancer therapy and cancer stem cells: a review. *Cancer Cell Int*, 7, 9.

Tao, W., Wang, M., Voss, E. D., Cocklin, R. R., Smith, J. A., Cooper, S. H., et al. (2004). Comparative proteomic analysis of human CD34⁺ stem/progenitor cells and mature CD15⁺ myeloid cells. *Stem Cells*, 22(6), 1003-1014.



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved