

DAFTAR PUSTAKA

- Al-Nbaheen, M., vishnubalaji, R., Ali, D., Bouslimi, A., Al-Jassir, F., et al., 2012, Human Stromal (Mesenchymal) Stem Cells from Bone Marrow, Adipose Tissue and Skin Exhibit Differences in Molecular Phenotype and Differentiation Potential, Springerlink, 9:32–43.
- Anderson . , Aarif Yusuf Khakoo, Shibani,P., Stasia A. , William C. Reid, Mohamed Farouk Elshal, Ilsa I. Rovira, Ahn T Q Nguyen, Daniela A Malide, Christian A. Combs, Gentzon Hall, Jianhu Zhang, Mark A. Raffeld, Terry Rogers, William George Stetler-Stevenson, Joseph A. Frank, Marvin S. Reitz, Toren Finkel
- Anderson, P., Carrillo-Gálvez, AB., García-Pérez, A., Cobo, M., Martín, F., 2013, CD105 (Endoglin)-Negative Murine Mesenchymal Stromal Cells Define a New Multipotent Subpopulation with Distinct Differentiation and Immunomodulatory Capacities, PLoS ONE, 8(10), e76979. doi:10.1371/journal.pone.0076979.
- Barbara, P. (2016). *Flow Cytometry Facility*. Dipetik July 20, 2017, dari <http://biotech.illinois.edu/flowcytometry>
- Bethesda. 2015 Feb 23;5(5):751-9. doi: 10.1534/g3.114.016238. A survey of imprinted gene expression in mouse trophoblast stem cells.
- Chase LG, Lakshmipathy U, Solchaga LA, Rao MS, Vemuri MC. 2010.A novel serum-free medium for the expansion of human mesenchymal stem cells.*Stem Cell Res Ther*;1(1):8.
- Chase LG, Lakshmipathy U, Solchaga LA, Rao MS, Vemuri MC. 2010.A novel serum-free medium for the expansion of human mesenchymal stem cells.*Stem Cell Res Ther*;1(1):8.
- Colgan S.P., Eltzschig H.K., Eckle T., Thompson L.F., 2006, Physiological roles for ecto-5'-nucleotidase (CD73), Purinergic Signal (2):351-60.
- Dominici, M., Le Blanc K., Mueller I., Slaper-Cortenbach I., Marini F., et al., 2006, "Minimal criteria for defining multipotent mesenchymal stromal cells", The International Society for Cellular Therapy position statement. *Cytotherapy* 8: 315-317.
- Duff, SE., Li, C., Garland, JM., Kumar, S., 2003, CD105 is important for angiogenesis: evidence and potential applications, FASEB, Vol. 17, 984-992.
- Fauci, A. B. (2008). Harrison's principles of internal medicine. Star.

Fedik, A.R., Ferdiansyah., Purwati., 2014, Stem Cell, Mesenchymal, Hematopoetik dan Model Aplikasi, Edisi Kedua, Airlangga University Press, Surabaya, 1,10-12, 23-25, 26-38.

Gálvez-Martín P, Hmadcha A, Soria B, Calpena-Campmany AC, Clares-Naveros B. 2014. Study of the stability of packaging and storage conditions of human mesenchymal stem cell for intraarterial clinical application in patient with critical limb ischemia. *European Journal of Pharmaceutics and Biopharmaceutics* 86(3) :459–468.

Gálvez-Martín P, Hmadcha A, Soria B, Calpena-Campmany AC, Clares-Naveros B. 2014. Study of the stability of packaging and storage conditions of human mesenchymal stem cell for intraarterial clinical application in patient with critical limb ischemia. *European Journal of Pharmaceutics and Biopharmaceutics* 86(3) :459–468.

Halim D, Murti H, Sandra F, Boediono A, Djuwantono T, Setiawan B. 2010. Stem Cell: Dasar Teori dan Aplikasi Klinis. Penerbit Erlangga, Jakarta. Human mesenchymal stem cells exert potent antitumorigenic effects in a model of Kaposi's sarcoma

Jung Y¹, Bauer G, Nolta JA. 2012 Jan;30(1):42-7. doi: 10.1002/stem.727. Concise review: Induced pluripotent stem cell-derived mesenchymal stem cells: progress toward safe clinical products.

Kambiz, G. H. (2010). Hypoxia: a Review. *Journal of Paramedical sciences (JPS)*, Vol.1, No.2 ISSN 2008-496X.

Kumar, V., Abbas, A., & Coutran, F. N. (2005). Pathological Basis of Disease.

Leksana E. SIRS, Sepsis, Keseimbangan Asam-Basa, Syok dan Terapi Cairan. CPD IDSAI Jateng-Bagian Anestesi dan Terapi Intensif FK Undip. Semarang. 2006

Marino, Paul L.; Sutin, Kenneth M. (2012). *The ICU Book (3 ed.)*. Lippincott Williams & Wilkins.p. 363.

Marino, Paul L.; Sutin, Kenneth M. (2012). *The ICU Book (3 ed.)*. Lippincott Williams & Wilkins.p. 363.

Mizuno, M. Katano, H., Otabe, K., Komori, K., et al. 2017. Complete human serum maintains viability and chondrogenic potential of human synovial stem cells: suitable conditions for transplantation. *Stem Cell Research & Therapy*. 8:144.

Mizuno, M. Katano, H., Otabe, K., Komori, K., et al. 2017. Complete human serum maintains viability and chondrogenic potential of human synovial stem cells: suitable conditions for transplantation. *Stem Cell Research & Therapy*. 8:144.

- Nagamura-Inoue, Tokiko, and Haiping He. 2014. "Umbilical Cord-Derived Mesenchymal Stem Cells: Their Advantages and Potential Clinical Utility." *World Journal of Stem Cells* 6 (2): 195–202. doi:10.4252/wjsc.v6.i2.195.
- Ng F, Boucher S, Koh S, Sastry KSR, Chase L, Lakshmipathy U, et al. PDGF, TGF- β , and FGF signaling is important for differentiation and growth of mesenchymal stem cells (MSCs): transcriptional profiling can identify markers and signaling pathways important in differentiation of MSCs into adipogenic, chondrogenic, and osteogenic lineages. *Blood*. 2008;112(2):295–307.
- Ng F, Boucher S, Koh S, Sastry KSR, Chase L, Lakshmipathy U, et al. PDGF, TGF- β , and FGF signaling is important for differentiation and growth of mesenchymal stem cells (MSCs): transcriptional profiling can identify markers and signaling pathways important in differentiation of MSCs into adipogenic, chondrogenic, and osteogenic lineages. *Blood*. 2008;112(2):295–307.
- Reissis Y, García-Gareta E, Korda M, Blunn GW, Hua J. 2013;4(6):139. The effect of temperature on the viability of human mesenchymal stem cells.
- Ridwan. 2008. Pengaruh JenisPengencer SemenTerhadapAbnormalitas,Motilitas, dan DayaHidup Spermatozoa Ayam Buraspada Suhu 50 C. *J. Agrolnd Vol15(3)* 229-235.
- Saputra,V. 2006. Dasar-dasar stem cell dan potensi aplikasinya dalam ilmu kedokteran. Cermin Dunia Kedokteran. 153:21-25.
- Stagg J., Divisekera U., McLaughlin N., Sharkey J., Pommey S., Denoyer D., Dwyer K.M., Smyth M.J., 2010, Anti-CD73 antibody therapy inhibits breast tumor growth and metastasis, Proc Natl Acad Sci U S A 107(4):1547-52.
- Thompson L.F., Eltzschig H.K., Ibla J.C., Van De Wiele C.J., Resta R., Morote-Garcia J.C., Colgan S.P., 2004, Crucial role for ecto-5'-nucleotidase (CD73) in vascular leakage during hypoxia, *J Exp Med* 200(11):1395-405
- Vishnubalaji R¹, Manikandan M, Al-Nbaheen M, Kadalmali B, Aldahmash A, Alajez NM.In vitro differentiation of human skin-derived multipotent stromal cells into putative endothelial-like cells.
- Weissman IL¹. 2000 Jan 7;100(1):157-68. Stem cells: units of development, units of regeneration, and units in evolution.