

DAFTAR PUSTAKA

- Akamatsu, N., Sugawara, Y., & Kokudo, N. (2013). Acute liver failure and liver transplantation. *Intractable & Rare Disease Research Journal*, 2(3), 77–87.
- Amiri, F., Molaei, S., Bahadori, M., Nasiri, F., Deyhim, M. R., Jalili, M. A., ... Roudkenar, M. H. (2016). Autophagy-modulated human bone marrow-derived mesenchymal stem cells accelerate liver restoration in mouse models of acute liver failure. *Iranian Biomedical Journal*, 20(3), 135–144.
- Barfoot, Jan; Doherty, Kate; Kemp, Emma; Blackburn, C. (2013). *Stem Cell Research: Trends and Perspectives on the Evolving International Landscape. Elsevier Report* (1st ed.). Kyoto: Elsevier.
- Bobis, S., Jarocha, D., & Majka, M. (2006). Mesenchymal stem cells: characteristics and clinical applications. *Journal of Polish-American Institute of Pediatrics*, 44(4), 215–230.
- Cao, H., Yang, J., Yu, J., Pan, Q., Li, J., Zhou, P., Li, Y., Pan, X., Li, J., Wang, Y., L. L. (2012). Therapeutic potential of Transplanted Placental Mesenchymal Stem Cells in Treating Chinese Miniature Pigs With Acute Liver Failure. *Journal of Biomedicine Central*, 49(2), 339–345.
- Cho, K., Woo, S., Seoh, J., Han, H., & Ryu, K. (2012). Mesenchymal stem cells restore CCl₄-induced liver injury by an antioxidative process. *Cell Biology International*, 36(12), 1267–1274.
- Dutta, S., Chakraborty, A. K., Dey, P., Kar, P., Guha, P., Sen, S., ... Chaudhuri, T. K. (2018). Amelioration of CCl₄-induced liver injury in swiss albino mice by antioxidant rich leaf extract of *Croton bonplandianus* Baill. *PLoS ONE*, 13(4), 1–30.
- Eboli, L, P, D, C, B., Netto, A, A, S., Azevedo, R, A, D., Lanzoni, V, P., Paula, T, S, D., Goldenberg, A., Gonzalez, A, M. (2016). MODELS , BIOLOGICAL Evaluating the best time to intervene acute liver failure in rat models induced by. *Acta Cirurgica Brasileira*, 31(12), 783–792.
- Fang, X., Liu, L., Dong, J., Zhang, J., Song, H., Song, Y., ... Chen, X. (2018). A study about immunomodulatory effect and efficacy and prognosis of human umbilical cord mesenchymal stem cells in patients with chronic hepatitis B-induced decompensated liver cirrhosis. *Journal of Gastroenterology and Hepatology (Australia)*, 33(4), 774–780.

- Insani. A., Samsuri., B. I. K. (2015). Gambaran Histopatologi Hati Tikus Putih yang Diberikan Deksametason dan Vitamin E (WHITE RAT LIVER HISTOPATHOLOGY PICTURE PROVIDED DEXAMETHASONE Indonesia Medicus Veterinus Juni 2015. *Journal of Indonesia Medicus Veterinus*, 4(3), 228–237.
- Januar. R., Yusfiati., F. (2014). Struktur Mikroskopis Hati Tikus Putih (*Rattus novergicus*) Akibat Pemberian Ekstrak Tanaman *Tristanopsis whiteana* Griff. *JOM FMIPA Universitas Bina Widya*, 1(2), 392–401.
- Kalra, K., & Tomar, P. (2014). Stem Cell: Basics, Classification and Applications. *American Journal of Phytomdicine and Clinical Therapeutics*, 2(7), 919–930.
- Kemenkes RI. (2014). *Situasi dan Analisis Hepatitis* (1st ed.). Jakarta Selatan: Kemenkes RI.
- Khan, R. A., Khan, M. R., & Sahreen, S. (2012). CCl 4 -induced hepatotoxicity : protective effect of rutin on p53 , CYP2E1 and the antioxidative status in rat. *Journal of BioMed Central*, 2–7.
- Krishna, M. (2017). Patterns of Necrosis in Liver Disease. *The American Association for the Study of Liver Diseases Journal*, 10(2), 53–56.
- Li, Y.-W., Zhang, C., Sheng, Q.-J., Bai, H., Ding, Y., & Dou, X.-G. (2017). Mesenchymal stem cells rescue acute hepatic failure by polarizing M2 macrophages. *World Journal of Gastroenterology*, 23(45), 7978–7988.
- Lotfinia, M., Kadivar, M., Piryaei, A., Pournasr, B., Sardari, S., Sodeifi, N., ... Baharvand, H. (2016). Effect of Secreted Molecules of Human Embryonic Stem Cell-Derived Mesenchymal Stem Cells. *Journal of Stem Cell and Development*, 25(24), 1898–1908.
- Mon, K. K., Nontprasert, A., Kittitrakul, C., Tangkijvanich, P., Leowattana, W., & Poovorawan, K. (2016). Incidence and Clinical Outcome of Acute Liver Failure Caused by Dengue in a Hospital for Tropical Diseases , Thailand. *The American Society of Tropical Medicine and Hygiene Journal*, 95(6), 1338–1344.
- Nicolas, C., Wang, Y., Luebke-Wheeler, J., & Nyberg, S. (2016). Stem Cell Therapies for Treatment of Liver Disease. *Journal of Biomedicines*, 4(1), 2.
- Parekkadan, B., Van Poll, D., Megeed, Z., Kobayashi, N., Tilles, A, W., Brthiaume, F., M. L. Y. (2007). Immunomodulation Of Activated Hepatic Stellate Cells By Mesenchymal Stem Cells. *Journal of National Institute of Health*, 363(2), 247–252.

- Pathikonda, M., & Munoz, S. J. (2010). Acute liver failure. *Journal of Annals of Hepatology*, 9(1), 7–14.
- Plosa, E. J., Esbenshade, J. C., Fuller, M. P., & Weitkamp, J.-H. (2012). Cytomegalovirus Infection. *American Academy of Pediatrics Journal*, 33(4), 156–163.
- Punzalan, C. S., & Barry, C. T. (2016). Acute Liver Failure: Diagnosis and Management. *Journal of Intensive Care Medicine*, 31(10), 642–653.
- Putra, A., Hutagalung, A., Hasanah, I. H., Trisnadi, S., Djannah, D., Cahyono, E. B., Intan, Y. S., N. (2018). Peran Induksi TNF- α Serial Doses dalam Peningkatan VEGF dan PDGF Mesenchymal Stem Cells Effect of TNF- α Serial Doses Induction on Increasing VEGF dan PDGF in Mesenchymal Stem Cells. *Majalah Kedokteran Bandung*, 50(2), 67–73.
- Putra, A., Antari, A. D., Kustiyah, A. R., Soraya, Y., Intan, N., C, N. A., ... Munir, D. (2018). Mesenchymal stem cells accelerate liver regeneration in acute liver failure animal model. *Biomedical Research and Therapy*, 5(11), 2802–2810.
- Putra, A., Ridwan, F. B., Putridewi, A. I., Kustiyah, A. R., Wirastuti, K., Anna, N., ... Indonesia, M. (2018). The Role of TNF- α i nduced MSCs on Suppressive Inflammation by Increasing TGF- β and IL -10. *Journal of Medical Sciences*, 1, 1–5.
- Robin, S., Sunil, K., Rana, a C., & Nidhi, S. (2012). Different Models of Hepatotoxicity and Related Liver Diseases : a Review. *International Research Journal of Pharmacy*, 3(7), 86–95.
- Ryan, Charlotte K; Krueger, Gerhard; Chandrasekhar, C. (2013). *Pathology of the Liver , Biliary System , and Exocrine Pancreas* (1st ed.). London: Springer.
- Saheed, S. (2014). Carbon tetrachloride (CCl₄)-induced hepatic damage in experimental Sprague Dawley rats: Antioxidant potential of *Xylopia aethiopica*. *The Journal of Phytopharmacology JPHYTO*, 3(32), 118–123.
- Sandhaanam, S. D., Pathalam, G., Dorairaj, S., & Savariar, V. (2013). Mesenchymal stem cells (MSC): Identification, Proliferation and Differentiation. *The Journal of Life and Environmental Science*, 1, e148v1.
- Sang, J. F., Shi, X. L., Han, B., Huang, T., Huang, X., Ren, H. Z., & Ding, Y. T. (2016). Intraportal mesenchymal stem cell transplantation prevents acute liver failure through promoting cell proliferation and inhibiting apoptosis. *Hepatobiliary and Pancreatic Diseases International*, 15(6), 602–611.

- Singh, T., Gupta, N., Alkhoury, N., & Carey, W. D. (2016). A guide to managing acute liver failure. *Cleveland Clinic Journal of Medicine*, 453–462.
- Stockert, J. C., Horobin, R. W., Colombo, L. L., & Blázquez-castro, A. (2018). Acta Histochemica Tetrazolium salts and formazan products in Cell Biology: Viability assessment , fluorescence imaging , and labeling perspectives. *Acta Histochemica*, (February), 0–1.
- Sun, L., Fan, X., Zhang, L., Shi, G., Aili, M., Lu, X., ... Zhang, Y. (2014). Bone mesenchymal stem cell transplantation via four routes for the treatment of acute liver failure in rats. *International Journal of Molecular Medicine*, 34(4), 987–996.
- Talal Adhami, M., David S. Barnes, M., William D. Carey, M., Srinivasan Dasarathy, M., Milan Dodig, M., Kyrsten Fairbanks, M., ... Charles Winans, M. (2013). Understanding Liver Disease Treatment and Options. *NIH Publication*, No. 14–113, 1–16.
- Uygun, B. E., Soto-gutierrez, A., Yagi, H., Izamis, M., Guzzardi, A., Shulman, C., ... Yarmush, M. L. (2010). Organ Reengineering Through Development Of a Transplantable Recellularized Liver Graft Using Decellularized Liver Matrix. *Nature Medicine*, 16(7), 814–820.
- Vanlangenakker, N., Berghe, T. Vanden, Krysko, D. V., & Festjens, N. (2008). Molecular Mechanisms and Pathophysiology of Necrotic Cell Death Molecular Mechanisms and Pathophysiology of Necrotic Cell Death. *Current Molecular Medicine Journal*, (June 2014).
- Volarevic, V., Nurkovic, J., Arsenijevic, N., Stojkovic, M., Cell, S., Pazar, N., & Medical, S. (2014). Concise review: Therapeutic potential of mesenchymal stem cells for the treatment of acute liver failure and cirrhosis. *Journal of Centre For Molecular Medicine and Stem Cell Research*, 2818–2823.
- Wang, Y., Wu, D., Chen, B., & Chen, E. (2018). Progress in mesenchymal stem cell – based therapy for acute liver failure. *Journal of Stem Cell Research & Therapy*, 1–9.
- Wang, Y., Yu, X., Chen, E., & Li, L. (2016). Liver-derived human mesenchymal stem cells: A novel therapeutic source for liver diseases. *Stem Cell Research and Therapy*, 7(1), 1–8.
- Xagorari, A., Siotou, E., Yiangou, M., Tsolaki, E., Bougiouklis, D., Sakkas, L., ... Anagnostopoulos, A. (2013). Protective effect of mesenchymal stem cell-conditioned medium on hepatic cell apoptosis after acute liver injury.

International Journal of Clinical and Experimental Pathology, 6(5), 831–840.

- Yang, J., Cao, H., Pan, Q., Yu, J., Li, J., & Li, L. (2015). Mesenchymal stem cells from the human umbilical cord ameliorate fulminant hepatic failure and increase survival in mice. *Hepatobiliary & Pancreatic Diseases International*, 14(2), 186–193.
- Zagoura, D. S., Roubelakis, M. G., Bitsika, V., Trohatou, O., Pappa, K. I., Kapelouzou, A., ... Anagnou, N. P. (2012). Therapeutic potential of a distinct population of human amniotic fluid mesenchymal stem cells and their secreted molecules in mice with acute hepatic failure. *British Medical Journal*, 894–906.
- Zhao, W., Li, J. J., Cao, D. Y., Li, X., Zhang, L. Y., He, Y., ... Dou, K. F. (2012). Intravenous injection of mesenchymal stem cells is effective in treating liver fibrosis. *World Journal of Gastroenterology*, 18(10), 1048–1058.
- Zheng, S., Yang, J., Yang, J., Tang, Y., Shao, Q., Guo, L., & Liu, Q. (2015). Transplantation of umbilical cord mesenchymal stem cells via different routes in rats with acute liver failure. *International Journal of Clinical and Experimental Pathology*, 8(12), 15854–15862.