

DAFTAR PUSTAKA

- Abarrategi, A. Tornin, J. Martinez-Cruzado, L. Hamilton, A. Martinez-Campos, E. Rodrigo, JP. Gonzales, MV. Baldini, N. Garcia-Castro, J. Rodriguez, R. (2016) 'Osteosarcoma: Cells-of-Origin, Cancer Stem Cells, and Targeted Therapies', *Stem Cells International*. Hindawi Publishing Corporation, Volume 2016, Article ID 3631764.
- Brown HK, Tellez-Gabriel M, Heymann D. Cancer stem cells in osteosarcoma. *Cancer Lett*. 2017 Feb 1;386:189-195
- Chen, J., Sun, M.-x., & Hua, Y.-q. (2014) 'Prognostic significance of Serum Lactate Dehydrogenase Level in Osteosarcoma: A Meta-Analysis', *J Cancer Res Clinical Oncology*, 140, 1205-1210.
- Chiusolo, V. Jacquemin, G. Basso, EY. Vinet, L. Liguori, L. Walch, M. Kozjak-Pavlovic, V. Martinvalet, D. (2017) 'Granzyme B Enters the Mitochondria in a Sam50-, Tim22-, and mtHsp70-Dependent Manner to Induce Apoptosis', *Cell Death and Differentiation*, 2017, 1-12.
- D'Amelio, P. *et al.* (2005) 'Spontaneous osteoclast formation from peripheral blood mononuclear cells in postmenopausal osteoporosis', *The FASEB journal*. Federation of American Societies for Experimental Biology, 19(3), pp. 410–412.
- De Castro JV. Gomes, ED. Granja, S. Anjo, SI. Baltazar, F. Manadas, B. Salgado, AJ. Costa, BM. (2017) 'Impact of Mesenchymal Stem Cells' Secretome on Glioblastoma Pathophysiology'. *J Transl Med* (15): 200
- Durfee, R. A., Mohammed, M. and Luu, H. H. (2016) 'Review of osteosarcoma and current management', *Rheumatology and therapy*. Springer, 3(2), pp. 221–243.
- Fernandez, L. Valentin, J. Zalacain, M. Leung, W. Patino-Garcia, A. Perez-Martinez, A. (2015). 'Activated and Expanded Natural Killer Cells Target Osteosarcoma Tumor Initiating Cells in NKG2D-NKG2DL Dependent Manner'. *Cancer Letters*. doi: 10.1016/j.canlet.2015.07.402
- Fini, E. and Schuman, J. S. (2007) 'NIH Public Access', 81(4), pp. 429–436. doi: 10.1080/01926230701320337.
- Fortin, A. Cregan, SP. MacLaurin, JG. Kushwaha, N. Hickman, ES. Thompson, CS. Hakim, A. Albert, PR. Cecconi, F. Helin, K. Park, DS. Slack, RS. (2001) 'APAF1 is a Key Transcriptional Target for P53 in the Regulation of Neuronal Cell Death', *The Journal of Cell Biology*, vol. 155(2).
- Garfunkel, L. C., Kaczorowski, J. and Christy, C. (2007) *Pediatric Clinical Advisor E-Book: Instant Diagnosis and Treatment*. Elsevier Health Sciences.
- Grignani, G. *et al.* (2011) 'A phase II trial of sorafenib in relapsed and unresectable high-grade osteosarcoma after failure of standard multimodal therapy: an Italian Sarcoma Group

- study', *Annals of Oncology*. Oxford University Press, 23(2), pp. 508–516.
- Guma, SR. Lee, DA. Ling, Y. Gordon, N. Kleinerman, ES. (2014) 'Aerosol Interleukin-2 Induces Natural Killer Cell Proliferation in the Lung and Combination Therapy Improves the Survival of Mice with Osteosarcoma Lung Metastasis', *Pediatr Blood Cancer*. DOI 10.1002/pbc.
- Hartwig, S. *et al.* (2014) 'Secretome profiling of primary human skeletal muscle cells', *Biochimica et Biophysica Acta - Proteins and Proteomics*. Elsevier B.V., 1844(5), pp. 1011–1017. doi: 10.1016/j.bbapap.2013.08.004.
- Hattinger, C. M. *et al.* (2015) 'Advances in emerging drugs for osteosarcoma', *Expert opinion on emerging drugs*. Taylor & Francis, 20(3), pp. 495–514.
- Heckman, J. D. *et al.* (2015) *Rockwood and Green's fractures in adults*. Wolters Kluwer Health.
- Hong JF, Song YF, Liu Z, Zheng ZC, Chen HJ, Wang SS. (2016) 'Anticancer Activity of Taraxerol Acetate in Human Glioblastoma Cells and a Mouse Xenograft Model via Induction of Autophagy and Apoptotic Cell Death, Cell Cycle Arrest and Inhibition of Cell Migration'. *Molecular Medicine Reports* 13: 4541-4548
- Isakoff, M. S. *et al.* (2015) 'Osteosarcoma: current treatment and a collaborative pathway to success', *Journal of clinical oncology*. American Society of Clinical Oncology, 33(27), p. 3029.
- Jaffe, N. (1972) 'Recent advances in the chemotherapy of metastatic osteogenic sarcoma', *Cancer*. Wiley Online Library, 30(6), pp. 1627–1631.
- James, D. I. and Martinou, J. C. (2008) 'Mitochondrial Dynamics and Apoptosis: A Painful Separation', *Developmental Cell*, 15(3), pp. 341–343. doi: 10.1016/j.devcel.2008.08.011.
- Kapur, S. K. and Katz, A. J. (2013) 'Review of the adipose derived stem cell secretome', *Biochimie*. Elsevier Ltd, 95(12), pp. 2222–2228. doi: 10.1080/10652469.2014.893433.
- Kaufman H, Ruby CE, Hughes T, Slingluff Jr CL. (2014) 'Current status of granulocyte-macrophage colony-stimulating factor in the immunotherapy of melanoma', *Journal for Immuno Therapy of Cancer* 2014, 2:11
- Kim, D.-H. *et al.* (2008) 'The role of GM-CSF in adipose tissue inflammation', *American Journal of Physiology-Endocrinology and Metabolism*. American Physiological Society, 295(5), pp. E1038–E1046.
- Khan, S. Ahmad, K. Alshammari, EMA. Adnan, M. Baig, MH. Lohani, M. Somvanshi, P, Haque S. (2015) ' Implication of Caspase-3 as a Common Therapeutic Target for Multineurodegenerative Disorders and Its Inhibition Using Nonpeptidyl Natural Compounds', *Biomed Research International* vol. 2015, Article ID 379817.
- Kleiveland, C. R. (2015) 'Peripheral blood mononuclear cells', in *The Impact of Food Bioactives on Health*. Springer, pp. 161–167.

- Koek, W. N. H. *et al.* (2017) 'Osteoclastogenic capacity of peripheral blood mononuclear cells is not different between women with and without osteoporosis', *Bone*. Elsevier, 95, pp. 108–114.
- Kundu, Z. S. (2014) 'Classification, imaging, biopsy and staging of osteosarcoma', *Indian journal of orthopaedics*. Wolters Kluwer--Medknow Publications, 48(3), p. 238.
- Levy, DE. Lee, CK. (2002) 'What Does STAT3 Do?', *The Journal of Clinical Investiation*, vol. 109(9).
- Li J. *et al.* (2012) 'CD133 expression in osteosarcoma and derivation of CD133+cells', *Mol Med Rep*. 7(2):577–84.
- Lin, X. *et al.* (2016) 'The peripheral blood mononuclear cell count is associated with bone health in elderly men: A cross-sectional population-based study', *Medicine*. Wolters Kluwer Health, 95(15).
- Link, M. P. *et al.* (1986) 'The effect of adjuvant chemotherapy on relapse-free survival in patients with osteosarcoma of the extremity', *New England Journal of Medicine*. Mass Medical Soc, 314(25), pp. 1600–1606.
- Makridakis, M. and Vlahou, A. (2010) 'Secretome proteomics for discovery of cancer biomarkers', *Journal of Proteomics*. Elsevier B.V., 73(12), pp. 2291–2305. doi: 10.1016/j.jprot.2010.07.001.
- Misaghi, A. *et al.* (2018) 'Osteosarcoma: a comprehensive review', *SICOT-J*. EDP Sciences, 4.
- Montico, B. Nigro, A. Casolaro, V. Dal Col, J. (2018) 'Immunogenic Apoptosis as a Novel Tool for Anticancer Vaccine Development'. *Int J Mol Sci*, 19 (594). doi: 10.3390/ijms19020594
- Nagata, S. (2018) 'Apoptosis and Clearance of Apoptosis Cells'. *Annu Rev Immunol*, 36 : 480-517.
- Purnamawati, P. Pawitan, JA. Rachman, A. Wanandi, SI. (2018) 'Effects of Umbilical Cord- and Adipose-Derived Stem Cell Secretomes on ALDH1A3 Expression and Autocrine TGF- 1 Signaling in Human Breast Cancer Stem Cells'. *F1000 Research*, 7: 249.
- Rahman, M. A., Bassiony, A., & Shalaby, H. (2009). Reimplantation of the resected tumour-bearing segment after recycling using liquid nitrogen for osteosarcoma. *International Orthopaedics*, 1365.
- Rantam, FA. Ferdiansyah. Nasronudin. Purwati (2009) 'Stem Cell Exporation', Airlangga University Press, Surabaya, 70-75.
- Riedhammer, C., Halbritter, D. and Weissert, R. (2014) 'Peripheral blood mononuclear cells: isolation, freezing, thawing, and culture', in *Multiple Sclerosis*. Springer, pp. 53–61.
- Rosen, G. *et al.* (1982) 'Preoperative chemotherapy for osteogenic sarcoma: selection of postoperative adjuvant chemotherapy based on the response of the primary tumor to

- preoperative chemotherapy', *Cancer*. Wiley Online Library, 49(6), pp. 1221–1230.
- Safwat, A. *et al.* (2014) 'Pazopanib in metastatic osteosarcoma: significant clinical response in three consecutive patients', *Acta Oncologica*. Taylor & Francis, 53(10), pp. 1451–1454.
- Sari, L. M. (no date) 'Cakradonya Dent J; 10(2): 65-70', 10(2), pp. 65–70.
- Shiomi, A. and Usui, T. (2015) 'Pivotal roles of GM-CSF in autoimmunity and inflammation', *Mediators of inflammation*. Hindawi, 2015.
- Solomon, L. and Appley, G. A. (2013) 'Ortopedi dan Fraktur Sistem Apley', *Jakarta: Widya Medika*.
- Solomon, L., Warwick, D. and Nayagam, S. (2010) *Apley's system of orthopaedics and fractures*. CRC press.
- Van Acker, HV. Capsomidis, A. Smits, LE. Van Tendeloo, VF. (2017) 'CD56 in the Immune System: More Than a Marker for Cytotoxicity'. *Fortiers in Immunology* (8): 892
- Vizoso, F. J. *et al.* (2017) 'Mesenchymal stem cell secretome: Toward cell-free therapeutic strategies in regenerative medicine', *International Journal of Molecular Sciences*, 18(9). doi: 10.3390/ijms18091852.
- Wang, Z. Li, B. Ren, Y. Ye, Z. (2016) 'T-Cell-Based Immunotherapy for Osteosarcoma: Challenges and Opportunities', *Front Immunol*, 7 : 353.
- Yan, WL. Shen, KY. Tien, CY. Chen, YA. Liu, SJ. (2017) 'Recent Progress in GM-CSF-Based Cancer Immunotherapy'. *Future Medicine, Immunotherapy*, 9(4) : 347-360.
- Youle, R. J. and Strasser, A. (2008) 'The BCL-2 protein family: Opposing activities that mediate cell death', *Nature Reviews Molecular Cell Biology*, 9(1), pp. 47–59. doi: 10.1038/nrm2308.
- Zhan, Y. *et al.* (1998) 'Essential Roles for Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) and G-CSF in the Sustained Hematopoietic Response of *Listeria monocytogenes*-Infected Mice', *Blood*. Am Soc Hematology, 91(3), pp. 863–869.
- Zhang, M. Huang, B. (2012) 'The Multi-differentiation Potential of Peripheral Blood Mononuclear Cells'. *Stem Cells Research & Therapy*, 3:48. doi: 10.1186/scrt139