

DAFTAR PUSTAKA

- Adinda, C. S., Nabila, R., dan Ahsanal, K., (2020) Generasi Berikutnya: Sel Punca Mesenkim sebagai Sistem Penghantaran Obat Berbasis Sel. *Majalah Farmasetika*. 7(2): 121-140.
- Ahangar, P., Mills, S. J., dan Cowin, A. J., (2020) Mesenchymal Stem Cell Secretome as an Emerging Cell-Free Alternative for Improving Wound Repair. *International journal of molecular sciences*. 21(19): 7038.
- Ahmad, N., dan Saad, N., (2012) Effects of Antibiotics on Dental Implants: A Review, *Journal of Clinical Medicine Research*. 4: 1-6.
- Aigner, T. B., (2015) *Photopolymerizable Porous Polyorgano-Phosphazenes: Degradable Matrices for Tissue Engineering*. Springer Spektrum: Bayreuth.
- Amengual-Peñafiel, L., Córdova, L. A., Constanza Jara-Sepúlveda, M., Brañes-Aroca, M., Marchesani-Carrasco, F., dan Cartes-Velásquez, R., (2021) Osteoimmunology Drives Dental Implant Osseointegration: A New Paradigm for Implant Dentistry. *The Japanese Dental Science Review*. 57: 12–19.
- Aoki, H., Miyoshi, H., dan Yamagata, Y., (2015) Electrospinning of Gelatin Nanofiber Scaffolds with Mild Neutral Cosolvents for Use in Tissue Engineering. *Polymer Journal*. 47: 267-277.
- Awais, S., Balouch, S. S., Riaz, N., dan Choudhery, M. S., (2020) Human Dental Pulp Stem Cells Exhibit Osteogenic Differentiation Potential. *Open Life Sci*. 15: 229-236.
- Babbush, C. A., Hahn, J. A., Krauser, J. T., dan Rosenlicht, J. L., (2011) *Dental Implants: The Art and Science*. Missouri: Saunders Elsevier
- Bandiaky, O. N., Lokossou, D. L., Soueidan, A., Le Bars, P., Gueye, M., Mbodj, E. B., dan Le Guéhenec, L., (2022) Implant-supported removable partial dentures compared to conventional dentures: A systematic review and meta-analysis of quality of life, patient satisfaction, and biomechanical complications. *Clinical and experimental dental research*. 8(1): 294–312.
- Banovac, I., Grgurevic, L., Rumenovic, V., Vukicevic, S., dan Erjavec, I., (2022) BMP3 Affects Cortical and Trabecular Long Bone Development in Mice. *International Journal of Molecular Sciences*. 23(2): 785
- Bar, J. K., Lis-Nawara, A., dan Grelewski, P. G., (2021) Dental Pulp Stem Cell-Derived Secretome and Its Regenerative Potential. *MDPI International Journal of Molecular Sciences*. 22(12018): 1-39.
- Bonakdar, M. A., dan Rodrigue, D., (2024) Electrospinning: Processes, Structures, and Materials. *Macromol*. 4: 58-103.
- Britannica, T., 2024, *Polymerase Chain Reaction*, *Encyclopedia Britannica*.

- Cao, X., Wang, C., Yuan, D., Chen, S., Wang, X., 2022, The Effect of Implants Loaded With Stem Cells from Human Exfoliated Deciduous Teeth on Early Osseointegration in A Canine Model., *BMC Oral Health*, 22(238): 1-13.
- Carriel, V., Geuna, S., dan Alaminos, M., 2018,. Ex Vivo and In Vivo Stem Cells-Based Tissue Engineering Strategies for Their Use in Regenerative Medicine, *Stem cells international*, 2018: 7143930
- Carminati, L., Carlessi, E., Longhi, E., dan Taraboletti, G., 2023, Controlled Extracellular Proteolysis of Thrombospondins, *Matrix Biology*, 119: 82-100.
- Cullum, D. R., dan Deporter, D., 2015, *Minimally Invasive Dental Implant Surgery*, Germany:Wiley.
- Consolaro, A., Carvalho, R. S., Francischone, C. E., Consolaro, M. O., Francischone, C. E., 2010, Saucerization of Osseointegrated Implants and Planning of Simultaneous Orthodontic Clinical Cases, *Orthodontic Insight*, 15(3): 19-30.
- Cooper, L. F., dan Shirazi, S., 2022, Osseointegration: The Biological Reality of Successful Dental Implant Therapy Narrative Review, *Frontiers of Oral and Maxillofacial Medicine*, 4(39): 1-9.
- D'Addazio, G., Xhajanka, E., Cerone, P., Santilli, M., Rexhepi, I., Caputi, S., Sinjari, B., 2021, Traditional Removable Partial Dentures versus Implant-Supported Removable Partial Dentures: A Retrospective, Observational Oral Health-Related Quality-of-Life Study, *Prosthesis*, 3: 361-369.
- Da Cunha, M. R., Maia, F. L. M., Iatecola, A., Massimino, L. C., Plepis, A. M. d. G., Martins, V. d. C. A., Da Rocha, D. N. , Mariano, E. D., Hirata, M. C., Ferreira, J. R. M., 2023, In Vivo Evaluation of Collagen and Chitosan Scaffold, Associated or Not with Stem Cells, in Bone Repair, *Journal of Functional Biomaterials*, 14(7):357.
- Darjanki, C. M., Hananta, J. S., Prahasanti, C., Ulfah, N., Kusumawardani, B., Wijaksana, I. K. E., Aljunaid, M., dan Nkuba, A., (2023) Expression of VEGF and BMP-2 in Osteoblast cells exposed to a combination of polymethylmethacrylate (PMMA) and hydroxyapatite (HAp). *Journal of Oral Biology and Craniofacial Research*: 12: 243-248.
- Driscoll, J., dan Patel, T., 2019, The Mesenchymal Stem Cell Secretome as An Acellular Regenerative Therapy for Liver Disease, *The Japanese Society of Gastroenterology*, 54: 764-773.
- Ehrenfest, D. M., Pinto, N. R., Pereda, A., Jiménez, P., Corso, M. D., Kang, B. S., Nally, M., Lanata, N., Wang, H. L., dan Quirynen, M., 2018, The impact of the centrifuge characteristics and centrifugation protocols on the cells, growth factors, and fibrin architecture of a leukocyte- and platelet-rich fibrin (L-PRF) clot and membrane, *Platelets*, 29(2): 171–184.

- El-Kadiry, A. E., Rafei, M., dan Shammaa, R., 2021, Cell Therapy: Types, Regulation, and Clinical Benefits, *Frontiers in Medicine*, 8(756029): 1-24.
- El-Seedi, H., Said, N. S., Yosri, N., Hawash, H. B., El-Sherif, D. M., Abouzeid, M., Abdel-Daim, M. M., Yaseen, M., Omar, H., Shou, Q., Attia, N. F., Zou, X., Guo, Z., dan Khalifa, S.A.M., 2023, Gelatin Nanofibers: Recent Insights in Synthesis, Bio-Medical Applications, and Limitations, *Heliyon*, 9: 1-20.
- Feng, S., Feng, Q., Dong, L., Lv, Q., Mei, S., dan Zhang, Y., 2024, Periostin/Bone Morphogenetic Protein 1 Axis Axis Regulates Proliferation and Osteogenic Differentiation of Sutured Mesenchymal Stem Cells and Affects Coronal Suture Closure in The TWIST1+/- Mouse Model of Craniosynostosis, *Journal of Orthopaedic Surgery and Research*, 19(146): 1-12.
- Frank, O., Heim, M., Jakob, M., Barbero, A., Schäfer, D., Bendik, I., Dick, W., Heberer, M., dan Martin, I., 2002, Real-time quantitative RT-PCR analysis of human bone marrow stromal cells during osteogenic differentiation in vitro. *Journal of cellular biochemistry*, 85(4), 737–746.
- Ghannam, M. G., dan Varacallo, M., 2023, Biochemistry: Polymerase Chain Reaction, *StatPearls*, Treasure Island: StatPearls Publishing
- Goharian, A., 2019, Osseointegration of Orthopaedic Implants, London: Elsevier.
- Grawish, M. E., 2024, Human Dental Pulp Stem/Stromal Cells in Clinical Practice, *World Journal of Stem Cells*, 16(2): 54-57.
- Halim, D., 2010, Stem Cell: Dasar Teori dan Aplikasi Klinis, Jakarta: Penerbit Erlangga.
- Hall, J. E., 2018, Guyton dan Hall Buku Ajar Fisiologi Kedokteran, Edisi 13, Singapore Elsevier.
- Halloran, D., Durbano, H. W., dan Nohe, A., (2020) Bone Morphogenetic Protein-2 in Development and Bone Homeostasis. *MDPI Journal of Developmental Biology*. 8(19): 1-30.
- Hashemi-Beni, B., Khoroushi, M., Faroughi, M. R., karbasi, S., dan Khademi, A. A., 2017, Tissue Engineering: Dentin-Pulp Complex Regeneration Approaches (A Review), *Tissue and Cell*, 49(5): 552-564.
- Hautefort, A., Mendes-Ferreira, P., Sabourin, J., Manaud, G., Bertero, T., Rucker-Martin, C., Riou, M., Adao, R., Manoury, B., Lambert, M., Boet, A., Domergue, V., Bras-Silva, C., Gomez, A. M., Montani, D., Girerd, B., Humbert, M., Antigny, F., dan Perros, F., 2019, Bmpr2 Mutant Rats Develop Pulmonary and Cardiac Characteristics of Pulmonary Arterial Hypertension, *Circulation*, 139: 932-948.
- Holkar, K., Vaidya, A., Pethe, P., Kale, V., Ingavle, G., 2022, Biomaterials and Extracellular Vesicles in Cell-Free Therapy for Bone Repair and

Regeneration: Future Line of Treatment in Regenerative Medicine, *Materialia*, 12:100716.

Hosseinkhani, M., Mehrabani, D., Karimfar, M. H., Bakhtiyari, S., Manafi, A., dan Shirazi, R., 2014, Tissue Engineered Scaffolds in Regenerative Medicine, *World Journal of Plastic Surgery*, 3(1): 3–7.

Huang, Z., Nelson, E. R., Smith, R. L., dan Goodman, S. B., 2007, The Sequential Expression Profiles of Growth Factors from Osteroprogenitors to Osteoblasts In Vitro. *Tissue Engineering*. 13(9): 2311-2320.

Huang, R., Yuan, Y., Tu, J., Zou, G. M., dan Li, Q., (2014) Opposing TNF- α /IL-1 β - and BMP-2-activated MAPK signaling pathways converge on Runx2 to regulate BMP-2-induced osteoblastic differentiation. *Cell Death Dis.* 5(4): 1187.

Huang, Y., Huang, Y., dan Ding, S., 2023, Primary Stabilitu of Implant Placement and Loading Related to Dental Implant Materials and Designs: A Literature Review, *Journal of Dental Sciences*, 18: 1467-1476.

Hui, A. B. Y., Wong, A. D., dn Hojilla, C. V., 2015, *Molecular Pathology*, London: Cambridge University Press, pp. 55-70.

Hwang, J. W., dan Han, Y. H., 2023, Novel bone Morphogenetic Protein (BMP)-2/4 Consensus Peptide (BCP) for the Osteogenic Differentiation of C2C12 Cells, *Current Protein dan Peptide Science*, 24(7): 610-619.

Ingwersen, K. C., Frank, M., Naujokat, H., Loger, K., Bader, R., Jonitz-Heincke, A., (2022) BMP-2 Long-Term Stimulation of Human Pre-Osteoblasts Induces Osteogenic Differentiation and Promotes Transdifferentiation and Bone Remodeling Processes. *Int. J. Mol. Sci.* 23(6): 3077.

Kalinkovich, A., dan Livshits, G., 2017, Sarcopenic Obesity or Obese Sarcopenia: A Cross Talk between Age-Associated Adipose Tissue and Skeletal Muscle Inflammation as a Main Mechanism of the Pathogenesis, *Ageing Research Reviews*, 35: 200-221.

Katagiri, W., Osugi, M., Kawai, T., dan Hibi, H., 2016, First-in-human Study and Clinical Case eports of the Alveolar Bone Regeneration with The Secretome from Human Mesenchymal Stem Cells, *Head dan Face Medicine*, 12(5): 1-12

Khehra, N., Padda, I. S., dan Swift, C. J., 2023, Polymerase Chain Reaction (PCR), *StatPearls*, Treasure Island: Statpearls Publishing.

Kwack, K. H., dan Lee, H., 2022, Clinical Potential of Dental Pulp Stem Cells in Pulp Regeneration: Current Endodontic Progress and Future Perspectives, *Cell and Developmental Biology*, 10: 1-18.

Gabiec, K., Bagińska, J., Łaguna, W., Rodakowska, E., Kamińska, I., Stachurska, Z., Dubatówka, M., Kondraciuk, M., dan Kamiński, K. A., 2022, Factors Associated with Tooth Loss in General Population of Bialystok, Poland.

International journal of environmental research and public health, 19(4), 2369

- Kok, Z. Y., Alaidaroos, N. Y. A., Alraies, A., Colombo, J. S., Davies, L. C., Waddington, R. J., Sloan, A. J., dan Moseley, R., 2022, Dental Pulp Stem Cell Heterogeneity: Finding Superior Quality “Needles” in a Dental Pulpal “Haystack” for Regenerative Medicine-Based Applications, *Stem Cells International*, 2022(1): 9127074.
- Kokabu, S., dan Rosen, V., 2018, BMP3 Expression by Osteoblast Lineage Cells is Regulated by Canonical Wnt Signaling. *FEBS Open Bio*, 8: 168-176
- La Noce, M., Paino, F., Spina, A., Naddeo, P., Montella, R., Desiderio, V., De Rosa, A., Papaccio, G., Tirino, V., dan Laino, L., 2014, Dental Pulp Stem Cells: State of The Art and Suggestions for A True Translation of Research Into Therapy, *Journal of Dentistry*, 42: 761-768
- Langer, R., Langer, R. S., dan Vacanti, J. P., 2000, *Principles of Tissue Engineering*, Elsevier Science.
- Lavery, K., Swain, P., Falb, D., dan Alaoui-Ismaili, M. H., (2008) BMP-2/4 and BMP-6/7 Differentially Utilize Cell Surface Receptors to Induce Osteoblastic Differentiation of Human Bone Marrow-derived Mesenchymal Stem Cells. *The Journal of Biological Chemistry*, 283(30): 20948-20958.
- Lee, J., Jo, Y., Choi, J., Seol, Y., Lee, Y., Ku, Y., Rhyu, I., dan Yeo, I. L., 2019, The Effect of Ultraviolet Photofunctionalization on A Titanium Dental Implant with Machined Surface: An In Vitro and In Vivo Study, *Dental Implant Materials*, MDPI Materials, 12(13): 1-14.
- Li, Y., Fu, G., Gong, Y., Li, B., Liu, D., dan Yang, X., (2022) BMP-2 promotes osteogenic differentiation of mesenchymal stem cells by enhancing mitochondrial activity. *J Musculoskelet Neuronal Interact*. 22(1): 123-131.
- Lindholm, L. H., Ibsen, H., Dahlöf, B., Devereux, R. B., Beevers, G., de Faire, U., Fyhrquist, F., Julius, S., Kjeldsen, S. E., Kristiansson, K., Lederballe-Pedersen, O., Nieminen, M. S., Omvik, P., Oparil, S., Wedel, H., Aurup, P., Edelman, J., Snapinn, S., 2002, Cardiovascular morbidity and mortality in patients with diabetes in the Losartan Intervention For Endpoint reduction in hypertension study (LIFE): a randomised trial against atenolo, *Lancet*, 359(9311): 1004–1010.
- Liu, J., Wu, S., Ma, J., Liu, C., Dai, T., Wu, X., Zhao, H., dan Zhou, D., 2022., Polycaprolactone/Gelatin/Hydroxyapatite Electrospun Nanomembrane Materials Incorporated with Different Proportions of Attapulgitte Synergistically Promote Bone Formation, *International journal of nanomedicine*, 17: 4087–4103.
- Liu, Y., Enggist, L., Kuffer, A. F., Buser, D., dan Hunziker, E. B., 2007, The Influence of BMP-2 and its Mode of Delivery on The Osteoconductivity

- of Implant Surfaces during The Early Phase of Osseointegration, *Biomaterials*, 28(26): 2677-2686.
- Liu, Y., Xiong, W., Lo, J., Feng, H., Jing, S., Liu, Y., Zhou, H., Li, D., Fu, D., Xu, C., He, Y., dan Ye, Q., 2024, Application of Dental Pulp Stem Cells for Bone Regeneration, *Medicine*, 11: 1-15.
- Livak, K. J., dan Schmittgen, T. D., 2001, Analysis of relative gene expression data using real-time quantitative PCR and the 2- $\Delta\Delta$ CT method, *Methods*, 25(4): 402-408.
- López-Morales, Y., Abarategi, A., Ramos, V., Moreno-Vicente, C., López-Durán, L., López-Lacomba, J. L., dan Marco, F., 2010, In Vivo Comparison of The Effects of rhBMP-2 and rhBMP-4 in Osteochondral Tissue Regeneration, *European Cells dan Materials*, 20: 367-378.
- Lukon, I., Erezuma, I., Maeso, L., Zarate, J., Desimone, M. F., Al-Tel, T. H., Pirouz, A. D., dan Orive, G., 2021, Progress in Gelatin as Biomaterial for Tissue Engineering, *Pharmaceutics*, 14: 1177.
- Okamura, K., Inagaki, Y., Matsui, T.K., 2020, RT-qPCR analyses on the osteogenic differentiation from human iPS cells: an investigation of reference genes. *Sci Rep*, 10: 11748.
- Saeed, K. B. A., dan Ahmad, N. S., 2013, Real-Time Polymerase Chain Reaction: Applications in Diagnostic Microbiology, *International Journal of Medical Students*, 1(1): 1-12.
- Sadeghi-Ghadikolaie, M., Vasheghani-Farahani, E., Bagheri, F., Moghaddam, A. K., Mellati, A., dan Karimizade, A., 2024, Fabrication of 3D Chitosan/Polyvinyl Alcohol/Brushite Nanofibrous Scaffold for Bone Tissue Engineering by Electrospinning Using a Novel Falling Film Collector, *International Journal of Biological Macromolecules*, 272(1): 132874.
- Stephanie, N., Katarina, H., Amir, L. R., dan Gunawan, H. A., 2017, ALP gene expression in cDNA samples from bone tissue engineering using a HA/TCP/Chitosan scaffold. *Journal of Physics: Conference Series*, 884(1):1-12.
- Mead, B., & Tomarev, S. 2017. Bone marrow-derived mesenchymal stem cells-derived exosomes promote survival of retinal ganglion cells through miRNA-dependent mechanisms. *Stem Cells Translational Medicine*, 6(4), 1273-1285. <https://doi.org/10.1002/sctm.16-0428>
- Mutia, T., Novarini, E., dan Gustiani, R. S., 2020, Preparasi dan Karakterisasi Membran Serat Nano Polivinil Alkohol/Gelatin dengan Antibiotika Topikal menggunakan Metode Electrospinning, *Arena Tekstil*, 35 (2): 95-106.
- Misawa, H., Kobayashi, N., Soto-Gutierrez, A., Chen, Y., Yoshida, A., Rivas-Carrillo, J. D., Navarro-Alvarez, N., Tanaka, K., Miki, A., Takei, J., Ueda,

- T., Tanaka, M., Endo, H., Tanaka, N., dan Ozaki, T, 2006), PuraMatrix TM Facilitates Bone Regeneration in Bone Defects of Calvaria in Mice. *Cell Transplantation*, 15: 903–910.
- Mosolygo, T., Laczi, K., Spengler, G., dan Burian, K., 2022, A Practical Approach for Quantitative Polymerase Chain Reaction, the Gold Standard in Microbiological Diagnosis, *Sci*, 4(1): 4.
- Narasimhulu, C. A., dan Singla, D., K., 2020, The Role of Bone Morphogenetic Protein 7 (BMP-7) in Inflammation in Heart Diseases, *MDPI Cells*, 9(28): 1-30.
- Nilawati, N., 2024, *Pengenalan Implan Gigi: Teori Singkat dan Praktik Sederhana*, Bandung: Indonesia Emas Group.
- Nonnis, S., Maffioli, E., Zanotti, L., Santagata, F., Negri, A., Viola, A., Elliman, S., dan Tedeschi, G., Effect of Fetal Bovine Serum in Culture Media on MS analysis of Mesenchymal Stromal Cells Secretome, *EuPA Open Proteomics*, 10: 28-30.
- Ødegaard, K. S., Torgersen, J., dan Elverum, C. W., 2020, Structural and Biomedical Properties of Common Additively Manufactured Biomaterials: A Concise Review, *MDPI Metals*, 10(1677): 1-23.
- Ogata, K., Osugi, M., Kawai, T., Wakayama, Y., Sakaguchi, K., Nakamura, S., dan Katagiri, W., 2018, Secretomes of Mesenchymal Stem Cells Induce Early Regeneration by Accelerating Migration of Stem Cells, *Journal of Oral and Maxillofacial Surgery, Medicine, and Patholog.*, 30: 445–451,
- Ogata, K., Meriyama, M., Matsumura-Kawashima, M., Kawado, T., Yano, A., dan Nakamura, S., 2022, The Therapeutic Potential of Secreted Factors from Dental Pulp Stem Cells for Various Disease, *Biomedicines*, 10: 1029.
- Olson, J. L., Atala, A., dan Yoo, J. J. 2011. Tissue Engineering: Current Strategies and Future Directions. *Chonnam Medical Journal*.
- On, S. W., Park, S. Y., Yi, S. M., Park, I. Y., Byun, S. H., dan Yang, B.E., 2023, Current Status of Recombinant Human Bone Morphogenetic Protein-2 (rhBMP-2) in Maxillofacial Surgery: Should It Be Continued?, *MDPI Bioengineering*, 10(9): 1005.
- Oshida, Y., Tuna, E. B., Aktören, O., dan Gençay, K., 2010, Dental Implant Systems, *International Journal of Molecular Sciences*, 11: 1580-1678.
- Pan, Y., Jiang, Z., Ye, Y., Zhu, D., Yang, G., dan Wang, Y., 2023,. Role and Mechanism of BMP4 in Regenerative Medicine and Tissue Engineering, *Annals of Biomedical Engineering*, 51: 1374–1389.
- Panteli, M., Vun, J. S. H., Pountos, I., Howard A. J., Jones, E., Giannoudis, P. V., 2022, Biological and Molecular Profile of Fracture Non-Union Tissue: A Systematic Review and An Update on Current Insights, *Journal of Cellular and Molecular Medicine*, 26(3): 601-623.

- Parithimarkalaignan, S., dan Padmanabhan, 2013, Osseointegration: An Update, *The Journal of Indian Prosthodontic Society*, 13(1): 2-6
- Permata, F. S., Paramanandi, D. A., dan Amalia, M. R., 2023, *Rekayasa Jaringan Tissue Engineering*, Malang: UB Press.
- Rashid, A. B., Showva, N. N., dan Hoque, E., 2023, Gelatin-Based Scaffolds: An Intuitive Support Structure for Regenerative Therapy, *Current Opinion on Biomedical Engineering*, 26: 100452.
- Riley, E. H., Lane, J. M., Urist, M. R., Lyons, K. M., dan Lieberman, J. R., 1996, Bone Morphogenetic Protein-2: Biology and Applications, *Clinical orthopaedics and related research*, 324: 39–46.
- Sayed, M. E., Mugri, M. H., Almasri, M. A., Al-Ahmari, M. M., Bhandi, S., Madapusi, T. B., Varadarajan, S., Raj, A. T., Reda, R., Testarelli, L., dan Patil, S., 2021, Role of Stem Cells in Augmenting Dental Implant Osseointegration: A Systematic Review, *MDPI Coatings*, 11(1035): 1-13.
- Shuai, C., Mao, Z., Lu, H., Nie, Y., Hu, H., dan Peng, S., 2013, Fabrication of Porous Polyvinyl Alcohol Scaffold for Bone Tissue Engineering Via Selective Laser Sintering, *Biofabrication*, 5(1): 015014
- Siu, B., Wu, D., Xiang, L., Fu, Y., Kou, X., Shi, S., 2022, Dental Pulp Stem Cells: From Discovery to Clinical Application, *Journal of Endodontic*, 46(9): 46-55.
- Thiebot, N., Hamdani, A., Blanchet, F., Dame, M., Tawfik, S., Mbapou, E., Kaddouh, A. A., Alantar, 2022, Implant Failure Rate and The Prevalence of Associated Risk Factors: A 6-Year Retrospective Observational Survey, *Journal of Oral Medicine and Oral Surgery*, 28(19): 1-8.
- Xiao, L., Kronander, E., Gjoni, E., Genoud, C., Knott, G., dan Schneggenburger, R., 2013, BMP Signaling Specifies the Development of A Large and Fast CNS Synapse, *Nature Neuroscience*, 16L 856-864.
- Xie, S. Z., Garcia-Prat, L., Voisin, V., Ferrari, R., Gan, O. I., Wagenblast, E., Kaufmann, K. B., Zeng, A. G. X., Takayanagi, S. I., Patel, I., Lee, E. K., Jargstorf, J., Holmes, G., Romm, G., Pan, K., Shoong, M., Vedi, A., Luberto, C., Minden, M. D., Bader, G. D., Dick, J. E., 2019, Sphingolipid Modulation Activates Proteostasis Programs to Govern Human Hematopoietic Stem Cell Self-Renewal, *Cell stem cell*, 25(5): 639–653
- Tan, M. I., Alfarafisa, N. M., Septiani, P., Barlian, A., Firmansyah, M., Faizal, A., Melani, L., dan Nugrahapraja, H., 2022, Potential Cell-Based and Cell-Free Therapy for Patients with COVID-19, *MDPI Cells*, 11(15): 2319.
- Vaidya, P., Mahale, S., Kale, S., dan Patil A., 2017, Osseointegration A Review, *Journal of Dental and Medical Sciences*, 16(1): 45-48.
- Vizoso, F. J., Eiro, N., Cid, S., Schneider, J., dan Perez-Fernandez, R., 2017, Mesenchymal Stem Cell Secretome: Toward Cell-Free Therapeutic

Strategies in Regenerative Medicine, *International Journal of Molecular Sciences*, 18(1852): 1-24.

Waddington, R., dan Sloan, A. J., 2009, *Tissue Engineering and Regeneration in Dentistry: Current Strategies*, London: Wiley Blackwell.

Wang, T., Bai, J., Lu, M., Huang, C., Geng, D., Chen, G., Wang, L., Qi, J., Cui, W., dan Deng, L., 2022, Engineering Immunomodulatory and Osteoinductive Implant Surfaces Via Mussel Adhesion-Mediated Ion Coordination and Molecular Clicking, *Nature Communications*, 30(160): 1-17.

Ye, Y., Jiang, Z., Pan, Y., Yang, G., dan Wang, Y., 2022, Role and Mechanism of BMP4 in Bone, Craniofacial, and Tooth Development, *Archives of Oral Biology*, 140: 105465.

Zecchini, S., Giovarelli, M., Perrotta, C., Morisi, F., Touvier, T., Di Renzo, I., Moscheni, C., Bassi, M. T., Cervia, D., Sandri, M., Clementi, E., dan De Palma, C., 2019, Autophagy Controls Neonatal Myogenesis by Regulating the GH-IGF1 System Through a NFE2L2- and DDIT3-Mediated Mechanism, *Autophagy*, 15(1): 58-77.

Zhang, Y., Wu, D., Zhao, X., Pakvasa, M., Tucker, A. B., Luo, H., Qin, K. H., Hu, D. A., Wang, E. J., Li, A. J., Zhang, M., Mao, Y., Sabharwal, M., He, F., Niu, C., Wang, H., Huang, L., Shi, D., Liu, Q., dan El Dafrawy, M., 2020, Stem Cell-Friendly Scaffold Biomaterials: Applications for Bone Tissue Engineering and Regenerative Medicine, *Frontiers in Bioengineering and Biotechnology*, 8: 1-18.

Zidrou, C., Kapetanou, A., dan Rizou, S., 2023, The Effect of Drugs on Implant Osseointegration: A Narrative Review, *Injury*, 53: 110888.

Zhu, L., Liu, Y., Wang, A., Zhu, Z., Li, Y., Zhu, C., Che, Z., Liu, T., Liu, H., dan Huang, L., 2022, Application of BMP in Bone Tissue Engineering, *Frontiers in Bioengineering and Biotechnology*, 10: 1-25.