

DAFTAR PUSTAKA

- Adams, G. (2020). A beginner's guide to RT-PCR, qPCR and RT-qPCR. *The Biochemist*. 42 (3), 48-53.
- Alqutub, M. N., Mukhtar, A. H., Alali, Y., Vohra, F., & Abduljabbar, T. (2022). Osteogenic Differentiation of Periodontal Ligament Stem Cells Seeded on Equine-Derived Xenograft in Osteogenic Growth Media. *Medicina*. 58(11), 1-8.
- Ariane, A. & Damanik, J. (2021). *Kumpulan Makalah Virtual Temu Ilmiah Reumatologi 2021*. Jakarta : Perhimpunan Reumatologi Indonesia.
- Azzam, S., Tomasova, L., Danner, C., Skiba, M., Klein, M., Guttenberg, Z., Michaelis, S., & Wegener, J. (2024). A High-Precision Wound Healing Assay Based on Photosensitized Culture Substrates. *Scientific Reports*. 14(1),1-14.
- Bella, E. D., Buetti-Dinh, A., Licandro, G., Ahmad, P., Basoli, V., Alini, M., & Stoddart, M. J. (2021). Dexamethasone Induces Changes in Osteogenic Differentiation of Human Mesenchymal Stromal Cells via SOX9 and PPARG, But Not RUNX2. *International Journal of Molecular Sciences*, 22(9).1-16.
- Chagastelles, P. C., & Nardi, N. B. (2011). Biology of Stem Cells: An Overview. In *Kidney International Supplements*. 1(3), 63-67.
- Đermić, D., Ljubić, S., Matulić, M., Procino, A., Feliciello, M. C., Ugarković, Đ., & Feliciello, I. (2023). Reverse Transcription-Quantitative PCR (RT-qPCR) Without the Need for Prior Removal of DNA. *Scientific Reports*. 13(1),1-8.
- Dominici, M., Blanc, K. L., Mueller, I., Slaper-Cortenbach, I., Marini, F. C., Krause, D. S., Deans, R. J., Keating, A., Prockop, D. J., & Horwitz, E. M. (2006). Minimal Criteria for Defining Multipotent Mesenchymal Stromal Cells. The International Society for Cellular Therapy Position Statement. *Cytotherapy*. 8(4), 315–317.
- Easley, J., Dixon, P. M., & Schumacher, J. (2011). *Equine Dentistry 3rd Edition*. USA : Saunders Elsevier.
- Granz, C. L., & Gorji, A. (2020). Dental Stem Cells: The Role of Biomaterials and Scaffolds in Developing Novel Therapeutic Strategies. *World Journal of Stem Cells*. 12(9), 897–921.
- Hartono, B. (2016). Sel Punca : Karakteristik, Potensi, dan Aplikasinya. *Jurnal Kedokteran Meditek*. 22(60):72-75.

- Heilen, L. B., Roßgardt, J., Dern-Wieloch, J., Vogelsberg, J., Staszuk, C. (2023). Isolation and Cultivation as well as In Situ Identification of MSCs from Equine Dental Pulp and Periodontal Ligament. *Frontiers in Veterinary Science*. 10(1),1-13.
- Ishikawa, S., Horinouchi, C., Murata, D., Matsuzaki, S., Misumi, K., Iwamoto, Y., Korosue, K., & Hobo, S. (2017). Isolation and Characterization of Equine Dental Pulp Stem Cells Derived From Thoroughbred Wolf Teeth. *Journal of Veterinary Medical Science*. 79(1), 47–51.
- Jonkman, J. E. N., Cathcart, J. A., Xu, F., Bartolini, M. E., Amon, J. E., Stevens, K. M., & Colarusso, P. (2014). An Introduction to the Wound Healing Assay Using Live-cell Microscopy. *Cell Adhesion and Migration*. 8(5), 440-451.
- Khalisha, A., Puspitasari, R. L., Moegni, K. F., Rosadi, I., & Rosliana, I. (2018). Profil *Mesenchymal Stem Cell* (MSC) Pasien Klinik Hayandra Pada Media Kultur Bersuplemen Menggunakan *Flow Cytometry*. *Jurnal Al-Azhar Indonesia Seri Sains dan Teknologi*. 4(4),195-202.
- Kusumawati, S. D., Hadianto, I., Nurlatifah, Pracoyo, A. A., & Handayani, N. A. (2023). Perbandingan Nilai Pengukuran Kuantitatif Isolat Asam Ribonukleat (RNA) Menggunakan Spektrofotometer Nanodrop dan Mikrodrip pada Sampel Hepar Ayam (*Gallus gallus domesticus*). *Indonesian Journal of Laboratory*. 3(1), 62-71.
- Martinello, T., Gomiero, C., Perazzi, A., Iacopetti, I., Gemignani, F., DeBenedictis, G. M., Ferro, S., Zuin, M., Martines, E., Brun, P., Maccatrozzo, L., Chiers, K., Spaas, J. H., & Patrino, M. (2018). Allogeneic Mesenchymal Stem Cells Improve the Wound Healing Process of Sheep Skin. *BMC Veterinary Research*. 14(1),1-9.
- Mensing, N., Gasse, H., Hambruch, N., Haeger, J. D., Pfarrer, C., & Staszuk, C. (2011). Isolation and Characterization of Multipotent Mesenchymal Stromal Cells from the Gingiva and the Periodontal Ligament of the Horse. *BMC Veterinary Research*. 7(1):1-13.
- Morihito, R. V. S. A., Chungdinata, S. E., Nazareth, T. A., Pulukadang, M. I., Makalew, R. A. M., & Pinontoan, B. (2017). Identifikasi Perubahan Struktur DNA Terhadap Pembentukan Sel Kanker Menggunakan Dekomposisi Graf. *Jurnal Ilmiah Sains*. 17(2), 153-160.
- Nair, G. J., Sinha, Y., Srivastava, A. K., Kumar, N. S., & Hiremath, L. (2023). A Review On The Molecular Basis of Stemness of Mesenchymal Stem Cells. *World Journal of Biology Pharmacy and Health Sciences*. 15(2), 202–207.

- Noviantari, A. & Khariri. (2022). Kajian : Isolasi Sel Punca Mesenkim dari *Wharton Jelly* Tali Pusat Manusia. *Seminar Nasional Riset Kedokteran 2022*. 3(1),135-146.
- Ode, A., Kopf, J., Kurtz, A., Schmidt-Bleek, K., Schrade, P., Kolar, P., Buttgerit, F., Lehmann, K., Hutmacher, D. W., Duda, G. N., & Kasper, G. (2011). CD73 and CD29 Concurrently Mediate The Mechanically Induced Decrease of Migratory Capacity of Mesenchymal Stromal Cells. *European Cells and Materials*. 22(1), 26–42.
- Palumbo, P., Lombardi, F., Siragusa, G., Cifone, M. G., Cinque, B., & Giuliani, M. (2018). Methods of Isolation, Characterization and Expansion of Human Adipose-Derived Stem Cells (ASCs): An Overview. *International Journal of Molecular Sciences*. 19(7), 1-13.
- Pane, R. E., Legasari, L., & Mardini, I. (2024). Penggunaan Primer Gen *Cytochrome Oxidase 1* Dalam Reaksi *Polymerase Chain Reaction* (PCR) Untuk Identifikasi Kandungan Babi Pada Makanan. *Jurnal Crystal: Publikasi Penelitian Kimia dan Terapannya*. 6(2), 72-161.
- Pramila, C., Ahda, Y., Putri, D. H., & Achyar, A. (2023). Optimasi Deteksi Kontaminasi Daging Babi Berbasis *Multiplex Real Time Polymerase Chain Reaction* (qPCR) pada Produk Makanan Olahan Daging Sapi. *Serambi Biologi*. 8(3),466-472.
- Purbantoro, S. D. (2021). *Osteogenic Effects of Osteogenic Growth Peptide on Human Periodontal Ligament Stem Cells*. Tesis. Veterinary Science and Technology. Chulalongkorn University.
- Purwaningrum, M., Giachelli, C. M., Osathanon, T., Rattanapuchpong, S., & Sawangmake, C. (2023). Dissecting Specific Wnt Components Governing Osteogenic Differentiation Potential by Human Periodontal Ligament Stem Cells through Interleukin-6. *Scientific Reports*. 13(1),1-19.
- Purwaningrum, M., Jamilah, N. S., Purbantoro, S. D., Sawangmake, C., & Nantavisai, S. (2021). Comparative Characteristic Study from Bone Marrow-derived Mesenchymal Stem Cells. *Journal of Veterinary Science* 22(6),1-13.
- Rahmandini, N., Putri, N. I., & Rahmawati, V. F. (2024). Kajian Literatur Evolusi Kuda: Perubahan Kaki Dan Perubahan Gigi Kuda Berdasarkan Penemuan Fosil. *Pentagon : Jurnal Matematika dan Ilmu Pengetahuan Alam*. 2(4), 261–278.
- Rantam, F. A., Ferdiansyah & Purwati. (2014). *Stem Cell Mesenchymal, Hematopoietik, dan Model Aplikasi*. Surabaya : Airlangga University Press.

- Roslim, D. I., Asih, H., & Herman, H. (2020). Sekuen DNA Parsial Dari Gen GAPDH Pada Sirsak (*Annona muricata* L.). *Al-Kaunyah: Jurnal Biologi*. 13(2),209–217.
- Schuller, M., Sloots, T. P., James, G. S., Halliday, C. L., & Carter, I. W. J. (2010). *PCR for Clinical Microbiology*. London : Springer Science.
- Siallagan, C. S., Syafi'i, M., Samaullah, M. Y., Susanto, U., Pramudyawardani, E. F., Prastika, D. (2022). Visualisasi Gel Akrilamida Sidik Jari DNA 49 Genotipe Padi (*Oryza sativa* L) Menggunakan Marka SSR (*Simple Sequence Repeat*). *Jurnal Ilmiah Wahana Pendidikan*. 8(8), 32-37.
- Simbolon, A. R. (2024). Perbandingan Metode Ekstraksi Ribo Nucleic Acid yang Berbeda pada Jaringan Mantel Kerang Biru (*Mytilus edulis*). *Jurnal Riset Akuakultur*. 18(2), 129-139.
- Srinivasaraghavan, V. N., Zafar, F., & Schüle, B. (2022). Gene Expression Analysis in Stem Cell-derived Cortical Neuronal Cultures Using Multi-well SYBR Green Quantitative PCR Arrays. *Bio-Protocol*, 12(14), 1-20.
- Stöckl, S., Bauer, R. J., Bosserhoff, A. K., Göttl, C., Grifka, J., & Grässel, S. (2013). Sox9 modulates cell survival and adipogenic differentiation of multipotent adult rat mesenchymal stem cells. *Journal of Cell Science*. 126(13), 2890–2902.
- Taopan, H. H. M. S., Dewi, F. N. A., Mariya, S., Darusman, H., Permanawati, Sajuthi, D., & Suparto, I. H. (2021). Characterization of Mesenchymal Stem Cells from White Adipose Tissue of *Macaca fascicularis*. *Jurnal Kedokteran Hewan - Indonesian Journal of Veterinary Sciences*. 15(4),112–117.
- Tian, H. F., Xing, J., Tang, X. Q., Chi, H., Sheng, X. Z., & Zhan, W. B. (2022). Cluster of Differentiation Antigens: Essential Roles in the Identification of Teleost Fish T Lymphocytes. *Marine Life Science and Technology*. 4(1), 303-316.
- Wang, T., Hill, R. C., Dzieciatkowska, M., Zhu, L., Infante, A. M., Hu, G., Hansen, K. C., & Pei, M. (2020). Site-Dependent Lineage Preference of Adipose Stem Cells. *Frontiers in Cell and Developmental Biology*. 8(1), 1-16.
- Widayat, Agustini, T. W., Suzery, M., Al-Baarri, A. N., Putri, S. R., Kurdianto. (2019). *Real Time-Polymerase Chain Reaction (RT-PCR)* sebagai Alat Deteksi DNA Babi dalam Beberapa Produk Non-Pangan. *Indonesian Journal of Halal*. 2(1), 26-33.

- Zahedi, M., Parham, A., Dehghani, H., & Mehrjerdi, H. K. (2018). Equine Bone Marrow-derived Mesenchymal Stem Cells: Optimization of Cell Density in Primary Culture. *Stem Cell Investigation*. 5(1), 1-8.
- Zakrzewski, W., Dobrzyński, M., Szymonowicz, M., & Rybak, Z. (2019). Stem cells: Past, Present, and Future. *Stem Cell Research and Therapy*. 10(1), 1-22.
- Zannah, R., Pangestu, H. K., Umami, M. (2022). Peran Penting Kuda (*Equus ferus caballus*) di Kabupaten Kuningan, Jawa Barat. *Borneo Journal of Biology Education*. 4(2), 108–115.