DAFTAR PUSTAKA

Anugrah, S. M., Rianti, D., dan Agustantina, T, H., 2019, Uji Sitotoksisitas Ekstrak Sambiloto (*Andrographis paniculate ness*) pada sel Fibroblas dengan MTT, *Jurnal Material Kedokteran Gigi*, 8(2): 46-52.

Beaumont, J., Chesterman, J., Kellett, M., dan Durey, K., 2017, Gingival overgrowth: Part 1: aetiology and clinical diagnosis, *British Dental Journal*, 222(2): 85-91.

Buranaamnuay, K., 2020, The MTT assay application to measure the viability of spermatozoa: A variety of the assay protocols, *Open Veterinary Journal*, 11(2): 251-269.

Bosma, M.L., McGuire, J.A., DelSasso, A., dkk., 2024, Efficacy of flossing and mouth rinsing regimens on plaque and gingivitis: a randomized clinical trial, *BMC Oral Health*, 24(178): 1-26.

Brock, K., Homer, V., Soul, G., dkk., 2021, Is More Better? An Analysis of Toxicity and Response Outcomes From Dose-fiding Clinical Trials in Cancer, *BMC Cancer*, 21(777): 1-18.

Brokes, Z., McGrath, C., dan McCullough, M., 2023, Antimicrobial Mouthwashes: An Overview of Mechanism-What Do We Still Need to Know?, *International Dental Journal*, 11(2): 64-68.

Brookes, Z. L. S., Bescos, R., Belfield, L. A., dkk., 2020, Current uses of chlorhexidine for management of oral disease: a narrative review, *Journal of Dentistry*, 103(103497): 1-9.

Chan, L. L., Rice, W., dan Qiu, J., 2020, Morphological observation of trypan blue rupturing dead or dying cells leading to over-estimastion of viability, *Cytotheraphy*, 22(5): 121.

Chapple, I. L. C., Mealey, B. L., Dyke, T. E. V., dkk., 2018, Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification Periodontal and Peri-implant Diseases and Conditions, 89(1): 74-84.

Crowley, L. C., Marfell. B. J., Christensen, M. E., dan Waterhouse, N. J., 2016, Measuring Cell Death by Trypan Blue Uptake and Light Microscopy, *Cold Spring Harb Protoc*, 2016(7): 643-646.

Danastri, A. A., Suryono, dan Murdiastuti, K., 2021, The Influence Between Injectable Platelet-Rich Fibrin and Platelet-Rich Plasma Towards Gingival Fibroblast Cell Proliferation, *ODONTO Dental Journal*, 8(2): 25-31.

Daniel, W. W., dan Cross, C. L., 2019, *Biostatistics: A Foundation for Analysis in The Health Sciences, 10th Ed*, John Wiley and Sons, Danvers, hal. 170.

Fiorillo, L., D'Amico, C., Mehta, V., Cicciu, M., dan Cervino, G., 2024, Chlorhexidine cytotoxicity on oral behaviors: Last 20 Years systematic review, *Oral Oncology Reports*, 9(100245):1-9.

Fitriani, F., Subiwahjudi, A., Soetojo, A., dan Yuanita, T., 2019, Sitotoksisitas Ekstrak Kulit Kakao (*Theobroma cacao*) terhadap Kultur Sel Fibroblas BHK-21, *Conservative Dentistry Journal*, 9(1): 54-65.

Fernandes, I. R., Russo, F. B., Pignatari, G. C., dkk., 2016, Fibroblast sources: Where can we get them?, *Cytotechnology*, 68: 223-228.

Garcia, J. L., Lehocky, M., Humpolicek, P., dan Saha, P., 2014, HaCaT Keratinocytes Response on Antimicrobial Atelocollagen Substrates: Extent of Cytotoxicity, Cell Viability and Proliferation, *Journal of Functional Biomaterials*, 5(2): 43-57.

Ghasemi, M., Turnbull, T., Sebastian, S., dan Kempson, I., 2021, The MTT Assay: Utility, Limitations, Pitfalls, and Interpretation in Bulk and Single-Cell Analysis, *International Journal of Molecular Sciences*, 22(12827): 1-30.

Griw, M. A., Elnfati, A. H., Salama, N. M., dkk., 2015, Mode of Cell Death in Mouse Brain Following Early Exposure to Low-Dose Trichloethane: Apoptosis or Necrosis, *American Journal of Biology and Life Sciences*, 3(6): 232-240.

Haryanti, S., Widiyastuti, Y., dan Widayanti, E., 2017, Aktivitas Sitotoksik Ekstrak Air dan Etanolik Kulit Manggis (*Garcinia mangostana* L.) pada Beberapa Model Sel Kanker, 10(1): 1-9.

Huzum, B., Puha, B., Necoara, R. M., dkk., 2021, Biocompatibility assessment of biomaterials used in orthopedic devices: An overview (Review), *Experimental and Therapeutic Medicine,* 22(5): 1-9.

Hosseinpour, S., Gaudin, A., dan Peters, O. A., 2022, A critical analysis of research methods and experimental models to study biocompatibility of endodontic materials, *International Endodontic Journal*, 55(2): 346-469.

Jeddy, N., Ravi, S., Radhika, T., dan Lakshmi, L. J. S., 2018, Comparison of the efficacy of herbal mouth rinse with commercially available mouth rinse: A clinical study, *Journal of Oral and Maxillofacial Pathology*, 22(3): 332-334.

Kamiloglu, S., Sari, G., Ozdal, T., dan Capanoglu, E., 2020, Guidelines for cell viability assays, *Food Frontiers*, 1(3): 332-349.

Kao, E. C. Y., Seo, J., McCanna, D. J., dkk., 2022, In vitro assessment of the biocompatibility of chemically treated silicone materials with human lens epithelial cells, *scientific reports*, 12(4649): 1-9.

Karakas, D., Ari, F., dan Ulukaya, E., 2017, The MTT viability assay yields stikingly false-positive viabilities although the cells are killed by some plant extracts, *Tuskish Journal of Biology*, 41(2017): 919-925.

Khan, M., dan Gasser S., 2016, Generating Primary Fibroblast Cultures from Mouse Ear and Tail Tissues, *Journal of Visualized Experiments*, 107(53565): 1-6.

Li, W., Zhou, J., dan Xu, Y., 2015, Study of the in vitro cytotoxicity testing of medical devices (Review), *Biomedical Reports*, 3(5): 617-620.

Lindhe, J., dan Lang, N. P., 2015, *Clinical Periodontology and Implant Dentistry, 6th*, UK, John Wiley & Son, hal. 242.

Lorga, A., Dara, L., dan Kaplowitz, N., 2017, Drug-Induced Liver Injury: Cascade of Events Leading to Cell Death, Apoptosis or Necrosis, *International Journal of Molecular Sciences*, 18(1018): 1-25.

Meilina, N. E., dan Hasanah, A. N., 20218, Review Artikel: Aktivitas Antibakteri Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L.) Terhadap Bakteri Penyebab Jerawat, *Farmaka,* 16(2): 322-328.

Milleman, J., Bosma, M.L., McGuire, J.A., Sunkara, A., dkk., 2022, Comparative Effectiveness of Toothbrushing, Flossing and Mouthrinse Regimens on Plaque and Gingivitis: A 12-week virtually supervised clinical trial, *Journal of Dental Hygiene*, 96(3): 21-34.

Murakami, S., Mealey, B. L., Mariotti, A., dan Chapple, I. L. C., 2018, Dental plaque-induced gingival conditions, *Journal of Periodontology*, 89(1): 17-27.

Mervrayano, J., Rahmatini, dan Bahar, E., 2015, Perbandingan Efektivitas Obat Kumur yang Mengandung *Chlorhexidine* dengan *Povidone Iodine* terhadap *Streptococcus mutans*, *Jurnal Kesehatan Andalas*, 4(1): 168-171.

Mithun, H. M., Kar. A., Prome, A., dkk., 2023, A Comprehensive Review on Cell Death, *Journal of Knowledge Learning and Science Technology*, 2(3): 170-188.

Nararya, S. A., Jularso, E., dan Budhy, T. I., 2015, Uji Toksisitas Daun Kelor (*Moringa oleifera*) Terhadap Sel Fibroblas Gingiva Menggunakan Uji MTT *assay*, *Jurnal Biosains Pascasarjana*, 17(1): 52-59.

Narasimhan, S., Maheshwaran, S., Abu-Yousef, I. A., dkk., 2017, Anti-Bacterial and Anti-Fungal Activity of Xanthone Obtained via Semi-Systhetic Modification of *α-Mangostin* from *Garcinia mangostana*, *Molecules*, 22(2): 1-13.

Newman, M. G., Takei, H. H., dan Klokkevold, P. R., 2019, *Newman and Carraza's Clinical Periodontology, 13th Ed*, Philadelphia, Elsevier, hal. 56.

Nirwana, I., Munadziroh, E., Yogiartono, R. M., dkk., 2021, Cytotoxicity and proliferation evaluation on fibroblast after combining calcium hydroxide and ellagic acid., *Journal of Advanced Pharmaceutical Technology & Research*, 12(1): 27-31.

Oliveira, J.R., Belato, K.K., De Oliveira, F.E., Jorge, A.O.C., Carmago, S.E.A., dan De Oliveira, L.D., 2018, Mouthwashes: An in vitro study of their action on microbial biofilms and cytotoxicity to gingival fibroblasts, *General Dentistry*, 66(2): 28-34.

Permadi, T., Widjiastuti, I., dan Setyabudi, 2014, Biokompatibilitas Ekstrak Daun Sirih Merah (Piper crocatum) dan Chlorhexidine Gluconat 0,2% terhadap Sel Fibroblas BHK-21, *Conservative Dentistry Journal*, 4(1): 6-11.

Perrotti, V., Piattelli, A., Quaranta, A., dkk., 2017, *Biocompatibility of Dental Biomaterials,* Woodhead Publishing, Elsevier, hal. 4.

Pratiwi, A.R., Hendiani, I., dan Pribadi, I.M.S., 2016, Perbandingan Berkumur Larutan Kulit Buah Manggis dan Enkasari Terhadap Penurunan Indeks Plak, *J Ked Gi Unpad*, 28(3): 172-177.

Pratiwi, R., Ratnawati, I. D., Nursyaputri, F., dan Indraswary, R., 2022, The Effectiveness of Phaleria Macrocarpa's Leaf Nanoemulsion Gel on Staphylococcus Aureus Biofilm Thickness (In Vitr), *ODONTO Dental Journal*, 9(1): 69-79.

Putra, W. S., 2015, *Kitab Herbal Nusantara: Aneka Resep & Ramuan Tanaman Obat untuk Berbagai Gangguan Kesehatan*, Yogyakarta, Katahati, hal. 197.

Puteri, F. H., Widjaja, J., Cahyani, F., Mooduto, L., dan Wahjuningrum, D. A., 2019, The Comparative Toxicity of Xanthones and Tannins in Mangosteen (Garcinia mangostana Linn.) Pericarp Extract against BHK-21 Fibroblast Cell Culture, *Contemporary Clinical Dentistry*, 10(2): 319-323.

Putri, F.H., Agustin, W. D., dan Cahyani, F., 2015, Uji Toksisitas Tanin dari Kulit Manggis (Garcinia mangostana L.) Terhadap Sel Fibroblas BHK-21, *Conservative Dentistry Journal*, 5(1): 6-11.

Putri, K., Darsono, L., dan Mandalas, 2017, Anti-inflammatory properties of mangosteen peel extract on the mice gingival inflammation healing process, *Padjadjaran Journal of Dentistry*, 29(3): 190-195.

Pollard, T. D., Earnshaw, W. C., Schwartz, J. L., dan Johnson, G. T., 2017, *Cell Biology, 3rd ed.*, Elsevier, Philadelphia, hal. 12, 492, 798.

Radzki, D., Weglarz, M. W., Pruska, K., Kusiak, A., dan Kwasnica, I. O., 2022, A Fresh Look at Mouthwashes-What Is Inside and What Is It For?, *International Journal of Environment Research and Public Health*, 19(3926): 1-27.

Rahayu, Y. C., Triwahyuni, I, E., sari, D. W., dan Kusumawardhani, B., 2022, The Cytotoxic and Proliferative Activity of Cocoa Pod Husk Extract (*Theobroma Cacao L.*) on Periodontal Ligament Fibroblast, *ODONTO Dental Journal*, 9(1): 46-52.

Rai, Y., Pathak, R., Kumari, N., dkk., 2018, Mitochondrial biogenesis and metabolic hyperactivation limits the application of MTT assay in the estimation of radiation induced growth inhibition, *Scientific Reports*, 8(1): 1-15.

Rathee, M., and Jain, P., 2020, *Gingivitis*, In *StatPearls*, StatPearls Publishing, hal. 1-3.

Rubiyanti, R., Susilawati, Y., dan Muchtaridi, M., 2017, Potensi Ekonomi dan Manfaat Kandungan Alfa-Mangostin serta Gartanin dalam Kulit Buah Manggis (*Garcinia mangostana Linn*), *Farmaka*, 15(1): 15-25.

Ross, M. H., dan Pawlina, W., 2016, *Histology A Text and Atlas, 7th*, Philadelphia, hal. 176.

Safira, A. A., 2020, Daya Hambat Ekstrak Kulit Buah Manggis (*Garcinia mangostana L.*) dan Alfa Mangostin Terhadap Pertumbuhan Bakteri *Enterecoccus faecalis* ATCC 29212, Skripsi, Fakultas Kedokteran Gigi, Yogyakarta, Universitas Gadjah Mada.

Sakaguchi, R., Ferracane, J., dan Powers, J., 2019, *Craig's Restorative Dental Materials, 14th Ed*, Missouri, Elsevier, hal. 91-94.

Setyaningsih, D., Nuabdi, S. R., dan Muna, N., 2019, Pengembangan Produk Obat Kumur Konsentrat dengan Bahan Aktif Minyak Atsiri Daun Sirih dan Daun Cengkeh, *Jurnal Teknologi Industri Pertanian*, 29(3): 327-336.

Shahi, S., Ozcan, M., Dizay, S.M., Sharifi, S., Husain, N.A., Eftekhari, A., dan Ahmadian, E., 2019, A review on potential toxicity of dental material and screening biocompatibility, *Toxicology Mechanisms and Methods,* 29(5): 368-377.

Spirito, F. D., Amato, A., Palo, M. P. D., dkk., 2023, Periodontal Management in Periodontally Healthy Orthodontic Patients with Fixed Appliances: An Umbrella Review of Self-Care Instructions and Evidence-Based Recommendations, *Dentistry Journal*, 11(35): 1-37.

Srihari, E., dan Lingganingrum, F. S., 2015, Ekstrak Kulit Manggis Bubuk, *Jurnal Teknik Kimia*, 10(1): 1-7.

Soundarajan, S., dan Rajasekar, A., 2023, Antibacterial and anti-inflammatory effects of a novel herb-mediated nanocomposite mouthwash in plaque-

induced gingivitis: A randomized controlled trial, *Dental and Medical Problems*, 60(3): 445-451.

Trombelli, L., Farina, R., Silva, C. O., dan Tatakis, D. N., 2018, Plaque-induced gingivitis: Case definition and diagnostic considerations, *Journal of Periodontology*, 89(1): 46-73.

Ulzuner, S. C., 2018, Development of a Direct Trypan Blue Exclusion Method to Detect Cell Viability of Adherent Cells into ELISA Plates, *Celal Bayar University Journal of Science*, 14(1): 99-104.

Ummah, A. A., Laksmiari, S., dan Suardita, K., 2020, Cytotoxicity test of 0,78% xanthone from mangosteen pericarp (*Garcinia mangostana* L.) and 0,2% chlorhexidine gluconate toward BHK-21 fibroblast cells, *Corservative Dentistry Journal*, 10(2): 54-57.

Vitria, R. D. N., Yuanita, T., Pribadi, N., 2015, Uji Viabilitas Flavonoid Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L.) Terhadap Sel Fibroblas BHK-21., 5(2), 26-31.

Vembadi, A., Menachery, A., dan Qasaimeh, M. A., 2019, Cell Cytometry: Review and Perspective on Biotechnological Advances, *Frontiers in Bioengineering and Biotechnology*, 7(147): 1-20.

Wudtichai, W., Sutthinee, W., Supaporn, P., dkk., 2019, Effect of Garcinia Mangostana Linn Fruit Peel Ethanolic Extract on Fibroblast Cell Migration, *Biomed Journal of Scientific & Technical Research*, 19(3): 14394-14397.

You, W., Hao, A., Li, S., dkk., 2020, Deep learning-based dental plaque detection on primary teeth: A comparison with clinical assessments, *BMC Oral Health*, 20(1): 1-7.

Yuanita, T., Rystiawati, D., dan Samadi, K., 2018, Cytoxicity test of NaOCl and Mangosteen (Garcinia mangostin L.) peel extract used as an irrigation solution in human periodontal ligament fibroblast cells (HPdLFc)., *Dental Journal (Majalah Kedokteran Gigi)*, 51(3): 133-137.