

## DAFTAR PUSTAKA

- Abadi, M., T., Abrial, A., 2020, Pathogenesis of Dental Caries in Stunting, *Jurnal Kesehatan Gigi*, 7(1), 1-4.
- Agung, I., G., A., A., Wedagama, D., M., Nurlitasari, D., F., 2019, Penatalaksanaan Gizi pada Angular Cheilitis, *Proceeding Book: The 4th Bali Dental Science and Exhibition Balidence*, 748-752.
- Aljunaid, M., Hariyani, N., Roestamadji, I., Ridwan, R., D., 2020, Recent Updates of the Oral Benefits of Mangosteen Plant Extract, *Journal of International Dental and Medical Research*, 11(2), 759-764.
- Ambarawati, I., G., A., D., Sukrama, I., D., M., 2017, Deteksi Gen GTF-B *Streptococcus mutans* dalam Plak dengan Gigi Karies pada Siswa SD N 29 Dangin Puri, *Journal Kedokteran Gigi Universitas Udayana*, 11(3): 1-90.
- Andani, R., Fajrina, A., Asra, R., Eriadi, A., 2021, Antibacterial Activity Test of Mangosteen Plants (*Garcinia mangostana* L.): A Review, *Asian Journal of Pharmaceutical Research and Development*, 5(2), 1-8.
- Angraini, D., Sukrama, I., D., M., Pertiwi, N., K., F., R., 2018, Jus Apel Manalagi (*Malus sylvestris* Mill) Menghambat Pertumbuhan *Streptococcus mutans* in Vitro, *Bali Dental Journal*, 2(1): 59-64.
- Annita, Panus, H., 2021, Daya Hambat Ekstrak Daun Teh Hijau (*Camellia sinensis*) terhadap Bakteri *Streptococcus mutans*, *Jurnal Kesehatan Saintika Meditory*, 1(1): 1-9.
- Apriandi, R., Mardianingrum, R., Susanti, S., 2020, Uji Aktivitas Antibakteri *Streptococcus mutans* Penyebab Karies Gigi pada Family *Zingiberaceae* dan *Myrtaceae* secara Sistematis Review, *Pharmacoscrypt*, 3(2): 127-133.
- Asni, H., Manurung, R., Bonella, D., 2020, Aplikasi Pelarut Eutektik K<sub>2</sub>CO<sub>3</sub>-Gliserol pada Ekstraksi Pigmen Antosianin dari Kulit Manggis (*Garcinia mangostana* Linn.), *Jurnal Teknik Kimia USU*, 9(2): 64-69.
- Bebe, Z., A., Susanto, H., S., Martini, 2018, Faktor Risiko Kejadian Karies Gigi pada Orang Dewasa Usia 20-39 Tahun di Kelurahan Dadapsari, Kecamatan Semarang Utara, Kota Semarang, *Jurnal Kesehatan Masyarakat*, 6(1): 365-374.
- Chaudari, K., 2013, *Microbial Genetics*, New Delhi: The Energy and Resources Institute, hal 10-11.
- Darlina, Rahardjo T., Syaifudin, M., 2018, Evaluasi Hubungan Dosis Radiasi terhadap Kerusakan DNA Sel Limfosit dengan Menggunakan Tes Comet, *Jurnal Sains dan Teknologi Nuklir Indonesia*, 19(1): 13-20.
- Debroy, A., Yadav, M., Dhawan, R., Dey, S., George, N., 2022, DNA dyes: toxicity, remediation strategies, and alternatives, *Folia Microbiologica*, 67: 555-571.

- Deus, F., P., Ouanounou, A., Chlorhexidine in Dentistry: Pharmacology, Uses, and Adverse Effects, *International Dental Journal*, 72: 269-277.
- Egi, M., Soegiharto, G., S., , Evacuasiyany, E., 2019, Efek Berkumur Sari Buah Tomat (*Solanum lycopersicum* L.) terhadap Indeks Plak Gigi, *Sound of Dentistry*, 3(2): 70-84.
- Endriani, R., Siregar, F., M., Rafni, E., Kemal, R., A., Jefrizal, 2021, Identifikasi Gen Kariogenik Glukosiltransferase *Streptococcus mutans* pada Pasien Karies Gigi, *Jurnal Kedokteran Gigi Universitas Padjadjaran*, 33(1):14-18.
- GBD, 2016, Disease and Injury Incidence and Prevalence Collaborator, Global, Regional, and National Incidence, Prevalence, and Years Lived with Disability for 328 Diseases and Injuries for 195 Countries, 1990–2016: Systematic Analysis for the Global Burden of Disease Study 2016, *Lancet*, 390: 1211-1253.
- Haikal, M., Adhani, R., Wardani, I., K., 2020, Hubungan Laju Aliran Saliva terhadap Kejadian Karies Gigi pada Penderita Hipertensi yang Mengonsumsi Obat Antihipertensi (Tinjauan di RSUD Dr. H. Mochammad Ansari Saleh Banjarmasin), *Jurnal Kedokteran Gigi*, 4(2): 39-42.
- Harahap, A., S., 2017, Uji Kualitas dan Kuantitas DNA Beberapa Populasi Pohon Kapur Sumatera, *Journal of Animal Science and Agronomy Panca Budi*, 2(2): 1-6.
- Hasan, F., Indriyani, R., Gartika, M., 2019, Perbedaan Penurunan Masa Biofilm *Streptococcus mutans* antara Pemberian Fraksi N-Heksana dan Etil Asetat Ekstrak Etanol Bawang Putih Siung Tunggal (*Allium sativum* L.), *Odonto Dental Journal*, 6(1): 21-28.
- Hayati, M., Herman, H., Rezano, A., 2014, Peran Immunoglobulin A (*Siga*) dalam Menghambat Pembentukan Biofilm *Streptococcus mutans* pada Permukaan Gigi, *Dentika Dental Journal*, 18(2): 199–203.
- Hendy, N., O., Indriyanti, R., Gartika, M., Daya Antibakteri Asam Palmitat Bawang Putih (*Allium sativum*) terhadap *Streptococcus mutans* ATCC 25175, *Padjadjaran Journal of Dental Researchers and Students*, 4(2): 109-114.
- Hernawati, S., Purwanto, Kholisa, 2018, Potensi Ekstrak Buah Delima Merah (*Punica granatum* Linn) terhadap Penurunan Jumlah Koloni *Streptococcus mutans* (The Potential of Red Pomegranate Fruit Extract (*Punica granatum* Linn) on the Reduction Number of *Streptococcus mutans* Colony, *Jurnal Pus*, 6(2): 351-357.
- Idawati, S., Hakim, A., Amdayani, Y., 2018, Isolasi  $\alpha$ -Mangostin dari Kulit Buah Manggis (*Garcinia mangostana* L.) dan Uji Aktivitas Antibakteri terhadap *Bacillus cereus*, *Jurnal Farmasi dan Ilmu Kefarmasian Indonesia*, 4(2): 118-122.

- Integrated Taxonomic Information System, 2012, Taxonomic Hierarchy: *Streptococcus mutans*,  
[https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=966483#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=966483#null) (2 Juni 2021).
- Integrated Taxonomic Information System, 2012, Taxonomic Hierarchy: *Garcinia mangostana* L.,  
[https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=21484#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=21484#null) (23 Agustus 2021).
- Kalof, N., A., Evans, M., F., Dantey, K., Cooper, K., 2022, *Special Diagnostic Techniques in Surgical Pathology*, Elsevier, Florida, 1-40.
- Lavaee, F., Moqadas, A., Modarresi, F., Nowrouzi, M., 2022, The Effect of *Pimpinella Anisum* and *Origanum Vulgare* Extracts Against *Streptococcus Sanguinis*, *Streptococcus Mutans*, and *Streptococcus Salivarius*, *Journal of Dental Shiraz University Medical Sciences*, 23(2): 113-120.
- Lemos, J., A., Palmer, R., S., Zeng, L., Wen, T., Z., Freires, A., I., Abrances, J., Brady, J., L., 2019, The Biology of *Streptococcus mutans*, *Microbiology Spectrum*, 7(1): 1-26.
- Listrianah, 2017, Indeks Karies Gigi Ditinjau dari Penyakit Umum dan Sekresi Saliva pada Anak di Sekolah Dasar Negeri 30 Palembang 2017, *Jurnal Kesehatan Palembang*, (12)2: 136-148.
- Makatambah, V., Fatimawali, F., Rundengan, G., 2020, Analisis Senyawa Tannin dan Aktivitas Antibakteri Fraksi Buah Sirih (*Piper betle* L) terhadap *Streptococcus mutans*, *Indonesian Journal of Mathematics and Natural Sciences*, 9(2): 75-80.
- Mallya, S., Mallya, S., 2020, Microbiology and Clinical Implications of Dental Caries – A Review, *Journal Evolution of Medical and Dental Sciences*, 9(48): 3670-3675.
- Matange, K., Tuck, J. M., & Keung, A. J, 2021, DNA Stability: a Central Design Consideration for DNA Data Storage Systems, *Nature Communications*, 12(1): 1-9.
- Nakano, M., M., 2018, Role of *Streptococcus mutans* Surface Proteins for Biofilm Formation, *Japanese Dental Science Review*, 54(1): 22–29.
- Nadhira, Z., Dewi, N., Dewi, R., K., 2020, Pengaruh Aplikasi Sodium Fluoride 2% terhadap Jumlah Koloni *Streptococcus* Sp . dalam Saliva Anak Usia 7-9 Tahun, *Dentin Jurnal Kedokteran Gigi*, 4(3): 95–99.
- Nedel, F., Andre, D., D., A., Oliveira, I., O, I., Tarquinio, S., B., C., Demarco, F., F., 2009, Buccal Cells Submitted to Three Different Storage Conditions Before DNA Extraction, *Journal Applied Oral Science*, 17(2): 113-115.
- Neha, S., Amit, V. And Khinchi, M. P., 2017, Asian Journal of Pharmaceutical Research and Development, *Asian Journal of Pharmaceutical Research and Development*, 5(2): 1-8.

- Nurhayati, B., Darmawati, S., 2017, *Biologi Sel dan Molekuler*, Jakarta: Kemenkes RI.
- Nurrohman, E., Pantiwati, Y., Susetyarini, E., Umami, E., K., Ekstrak Daun Beluntas (*Pluchea indica*) sebagai Antibakteri *Streptococcus mutans* ATCC 25175 Penyebab Karies Gigi, *Jurnal Berkala Epidemiologi*, 6 (1): 9-17.
- Paul, L., H., McSweeney, J., P., McNamara, 2022, *Encyclopedia of Dairy Sciences Reference Work-Third Edition*, Elsevier.
- Prayogo, F., A., Budiharjo, A., Kusumaningrum, H., P., Wijanarka, W., Supriyadi, A., Nurhayati, N., 2020, Metagenomic Applications in Exploration and Development of Novel Enzymes Fromnature: a Review, *Journal of Genetic Engineering and Biotechnology*, 18(39); 1-10.
- Putri, M., H., Sukini, Yodong, 2017, *Mikrobiologi Keperawatan Gigi*, Jakarta: Kementerian Kesehatan Indonesia, 49.
- Ramadhani, D., Tetriana, D., Suvifan, V., A., 2016, Optimalisasi Tes Komet untuk Penentuan Tingkat Kerusakan Dna Akibat Paparan Radiasi Pengion, *Jurnal Sains dan Teknologi Nuklir Indonesia*, 17(1): 37-48.
- Rangkuti, A., B., Susilowati, A., Rachmat, H., H., Lubis, T., S., 2021, DNA isolation and amplification of *Dryobalanops oblongifolia* DREY and *Dryobalanops lanceolata* BURCK, *Earth and Environmental Science*, 782: 1-7.
- Reddy, V., David, O., Spitz, D., Haber, M., 2022, *Gattuso's Differential Diagnosis in Surgical Pathology 4th Edition*, Philadelphia: Elsevier.
- Riset Kesehatan Dasar (Riskesdas), 2018, Badan Penelitian dan Pengembangan Kesehatan Kementerian RI Tahun 2018. <https://pusdatin.kemkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin-gigi.pdf>- Diakses Mei 2021
- Riwanti, P., Andayani, R., Trinanda, L., 2021, Uji Aktivitas Antibakteri *Sargassum polycystum* terhadap Bakteri *Staphylococcus aureus*, *Journal of Pharmacy and Science*, 6(1): 19-23.
- Rosero, S., N., Prado, R., S., Guirao, A., A., 2020, Molecular and Serological Typing of *Streptococcus mutans* Strains Isolated from Young Galician Population: Relationship with the Oral Health Status, *International Microbiology*, 23(4): 589-596.
- Rukmana, R., 2003, *Seri Penangkaran: Bibit Manggis*, Kanisius: Yogyakarta, 32-33.
- Sahalan, A., Z., Hosni, N., Lian, h., h., 2017, The sub Minimum Inhibitory Concentration (Sub-MIC) of Polymyxin B (PMB) against *Pseudomonas aeruginosa* and Its Cell Surface Changes Analyzed by TEM, *Buletin Fakulti Sains Kemanusiaan*, 1(1): 28-33.

- Samaranayake, L., 2018, *Essential Microbiology for Dentistry Fifth Edition*, Poland: Elsevier.
- Sari, E., A., Bagus, T., Hartini, A., 2019, *The 4th Bali Dental Science & Exhibition Balidence*, Bali: Universitas Mahasaraswati Press, 250-254.
- Suryani, N., Nurjanah, D. and Indriatmoko, D., 2019, Antibacterial Activity of Kecombrang Rod Extract (*Etlingera elatior* (Jack) R.M.Sm.) on Dental Plaque Bacteria *Streptococcus mutans*, *Jurnal Kartika Kimia*, 2(1): 23-29.
- Taariwuan, M., Ngangi, J., Mokosuli, Y., Gedoan, S., 2021, DNA Barcoding of Dalugha (*Cyrtosperma merkusii*) in Talaud Islands and North Minahasa Based on *rbcL* Gene, *Jurnal Bios Logos*, 11(2); 134-138.
- Warganegara, E., Restina, D., 2016, Getah Jarak (*Jatropha curcas* L.) sebagai Penghambat Pertumbuhan Bakteri *Streptococcus mutans* pada Karies Gigi, *Majority*, 5(3): 1-6.
- Widayat, M. M., Purwanto, Amandia, Dewi, S., P., 2016, Daya Antibakteri Infusa Kulit Manggis (*Garcinia mangostana* L) terhadap *Streptococcus mutans*, *e-Jurnal Pustaka Kesehatan*, 4(3): 514-518.
- Widyananda, G., A., D., Mahendra, A., N., Jawi, I., M., 2021, Efek Antibakteri Ekstrak Etanol Daun Sirsak (*Annona muricata* L.) Muda dan Tua terhadap *Pseudomonas aeruginosa* ATCC 9027, *Intisari Sains Medis*, 12(1): 212-218.
- Wijayanti, Astuti, K., W., Fitri, N., P., E., 2016, Optimasi Waktu Maserasi untuk Manggis (*Garcinia mangostana* L.) Rind menggunakan Pelarut Etil Asetat, *Jurnal Farmasi Dan Ilmu Kefarmasian Indonesia*, 3(1): 24-27.
- Yanis, N., P., H., Agustin, T., P., 2020, Overview of the Total Bacteria and Number of *Streptococcus mutans* in the Saliva of Children with High Caries Activity, *Journal of Indonesian Dental Association*, 3(1): 1-5.
- Yu, O., Y., Zhao, I., S., Mei, M., L., Lo, E., C., M., Chu C., H., A Review of the Common Models Used in Mechanistic Studies on Demineralization-Remineralization for Cariology Research, *Dental Journal*, 5(20): 1-8.
- Yulianto, D., K., Rinastiti, M., Cune, M., S., Haan-Visser, W., D., Atema-Smit, J., Busscher, H., J., Mei, H., C., V., D., 2019, Biofilm Composition and Composite Degradation during Intra-Oral Wear, *Dental Materials*, 35: 740-750.