

DAFTAR PUSTAKA

- Abranches, Jacqueline, Marcelle M Nascimento, Lin Zeng, Christopher M Browngardt, Zezhang T Wen, Mercedes F Rivera, and Robert A Burne. 2008. "CcpA Regulates Central Metabolism and Virulence Gene Expression in *Streptococcus mutans*." 190 (7): 2340–49. <https://doi.org/10.1128/JB.01237-07>.
- Asep, A. P, Muhammad, F. Andi, K. 2015. "PENGHITUNGAN DAN VISUALISASI TIGA DIMENSI A SIMPLE AND EFFECTIVE METHOD FOR CALCULATION AND 3D VISUALIZATION OF," no. December.
- Azeredo, Joana, Nuno F Azevedo, Romain Briandet, Nuno Cerca, Ana Rita Costa, Mickaël Desvaux, Giovanni Di Bonaventura,. 2016. "Critical Reviews in Microbiology Critical Review on Biofilm Methods A." *Critical Reviews in Microbiology* 0 (0): 000. <https://doi.org/10.1080/1040841X.2016.1208146>.
- Bele, Yamila, Valeria Burghi, Natalia Cristina Ferna, Guilhen Mario, Felix Braga, Gabriela Piazza, Diego Toma,. 2017. "Validation of Commercial Mas Receptor Antibodies for Utilization in Western Blotting , Immunofluorescence and Immunohistochemistry Studies," 1–19.
- Brooks, G. F., Carroll, K. C., Butel, J. S., Morse, S. A., Mietzner, T. A. (2013) *Jawetz, Melnick & Adelberg's Medical Microbiology, 26th Edition, Journal of Chemical Information and Modeling.* doi : 10 . 1017 / CBO9781107415324.004.
- Chałas, Renata, Ilona Wójcik-chęcińska, Michał J Woźniak, Justyna Grzonka, Wojciech Święszkowski, and Krzysztof J Kurzydłowski. 2015. "Płytki Bakteryjny Jako Biofilm – Zagrożenia w Jamie Ustnej Oraz Sposoby Zapobiegania Dental Plaque as a Biofilm - a Risk in Oral Cavity and Methods to Prevent," 1140–48.
- Chatterjea, M. and Shinde, R. (2012) *Textbook of Medical Biochemistry*. Eighth. Jaypee Brothers Medical Publishers.
- Chatzipanagiotou, Stylianos, Michael R Hamblin, Maria Hadjifrangiskou, and P Tegos. 2018. "Crossm Options and Limitations in Clinical Investigation of Bacterial Biofilms" 31 (3): 1–49.
- Cury JA, Koo H. 2007. Extraction & Purification of Total RNA from *Streptococcus mutans* Biofilms. *Analytical Biochemistry*. 365 (2), p. 208-214. doi : 10.1016/j.ab.2007.03.021. Elsevier.
- Darmawan, S. Nyoman A.D. Taufan B. (2018). Pengantar Metodologi Penelitian Kedokteran. Fakultas Kedokteran Gigi Universitas Airlangga.

- Decho, Alan W, and Tony Gutierrez. 2017. "Microbial Extracellular Polymeric Substances (EPSs) in Ocean Systems" 8 (May): 1–28. <https://doi.org/10.3389/fmicb.2017.00922>.
- Dhamo, Brunilda, Besiana Elezi, Lea Kragt, Eppo B Wolvius, and Edwin M Ongkosuwito. 2018. "Does Dental Caries Affect Dental Development in Children and Adolescents ?," 198–205.
- Falsetta, Megan L, Marlise I Klein, Punsiri M Colonne, Kathleen Scott-anne, Stacy Gregoire, and Chia-hua Pai. 2014. "Symbiotic Relationship between Streptococcus Mutans and Candida Albicans Synergizes Virulence of Plaque Biofilms In Vivo" 82 (5): 1968–81. <https://doi.org/10.1128/IAI.00087-14>.
- Franklin, Michael J., Connie Chang, and Tatsuya Akiyama. 2016. "New Technologies for Studying Biofilms MICHAEL" 3 (4). <https://doi.org/10.1128/microbiolspec.MB-0016-2014.New>.
- Gao, Lizeng, Yuan Liu, Dongyeop Kim, Yong Li, Geelsu Hwang, and Pratap C Naha. 2017. "HHS Public Access," 272–84. <https://doi.org/10.1016/j.biomaterials.2016.05.051.Nanocatalysts>.
- Hasibul, Khaleque, Haruyuki Nakayama Imaohji, and Masahito Hashimoto. 2018. "D - Tagatose Inhibits the Growth and Biofilm Formation of Streptococcus Mutans," 843–51. <https://doi.org/10.3892/mmr.2017.8017>.
- Hayati, M., Herman, H. and Andri, R. 2014. "Peran Imunoglobulin A (Siga) Dalam Menghambat Pembentukan Biofilm Streptokokus Mutans Pada Permukaan Gigi." Dentika Dental Journal.
- Hnasko, Thomas S, and Robert M Hnasko. 2015. "Chapter 9 The Western Blot" 1318: 87–96. <https://doi.org/10.1007/978-1-4939-2742-5>.
- Homenda, Heriyannis. 2016. "Infeksi Biofilm Bakterial" 4: 1–11.
- Jurczak, A, B Bystrowska, and A Skalniak. 2014. "The Virulence of Streptococcus Mutans and the Ability to Form Biofilms," 499–515. <https://doi.org/10.1007/s10096-013-1993-7>.
- Kania, D.T.P (2016). Karakterisasi Adesin *Streptococcus Mutans* Pada Reseptor *Streptococcus Sanguinis* yang Berperan Pada Pathogenesis Karies Gigi. *Tesis*. Fakultas Kedokteran Gigi Universitas Airlangga.
- Karatan, Ece, and Paula Watnick. 2009. "Signals , Regulatory Networks , and Materials That Build and Break Bacterial Biofilms Signals , Regulatory Networks , and Materials That Build and Break Bacterial Biofilms" 73 (2). <https://doi.org/10.1128/MMBR.00041-08>.
- Kriswandini IL, Sumarno, Wahyu Ardani IGA. 2005. Karakterisasi Adesin Fimbriae *Streptococcus mutans* Lokal yang Berperan Dalam Patogenesis

Penyakit Karies Gigi. *Jurnal Penelitian Medika Eksakta*. 6 (1), P. 6-15

Kurien, Biji T, and R Hal Scofi. 2015. "Chapter 5 Western Blotting: An Introduction" 1312. <https://doi.org/10.1007/978-1-4939-2694-7>.

Kusumaningsari, V. and Handajani, J. (2011) 'Efek Pengunyahan Permen Karet Gula dan Xyliitol Terhadap Pertumbuhan Bakteri Streptococcus mutans Pada Plak Gigi', *Majalah Kedokteran Gigi*, 18(1), pp. 30–34.

Lewis, Alex J, Maria F Campa, and C Terry. 2017. "Unravelling Biocomplexity of Electroactive Bio Fi Lms for Producing Hydrogen from Biomass." <https://doi.org/10.1111/1751-7915.12756>.

Liu, Yuan, Pratap C Naha, Geelsu Hwang, Dongyeop Kim, Yue Huang, Aurea Simon-soro, Hoi-in Jung, et al. 2018. "Catalytic Activity." *Nature Communications*, 1–12. <https://doi.org/10.1038/s41467-018-05342-x>.

Marchella, K.W dan Indah Listiana. 2014. "Paparan Zat Besi Pada Ekspresi Protein Spesifik Extracellular Polymeric Substance Biofilm Aggregatibacter Actinomycetemcomitans (Iron Exposure to Specific Protein Expression of Extracellular Polymeric Substance of Aggregatibacter Actinomycetemcomitans Bi" 47 (2): 103–9.

Maulida Hayati, Herry Herman, Andri Rezano. 2014. "PERAN IMUNOGLOBULIN A (SIgA) DALAM MENGHAMBAT PEMBENTUKAN BIOFILM STREPTOKOKUS MUTANS," 199–203.

Mishra, Manish, Shuchita Tiwari, and Aldrin V Gomes. 2017. "Ce Pt Us T." *Expert Review of Proteomics* 0 (0). <https://doi.org/10.1080/14789450.2017.1388167>.

Ochoa, Authors Rodrigo, Adelaida Arismendi-echeverri, Willer Leandro, and Carlos Enrique Muskus L. 2017. "Accepted Manuscript." <https://doi.org/10.1016/j.anchoralbio.2017.06.027>.

Phumat, Pimpak, Sakornrat Khongkhunthian, Phenphichar Wanachantararak, and Siriporn Okonogi. 2018. "Streptococcus Mutans and Streptococcus Intermedius" 12 (3): 133–41. <https://doi.org/10.5582/ddt.2018.01021>.

Rachmania, R. A., Wahyudi, P., Wardani, A. M., Insani, D. R. (2017) 'Profil Berat Molekul Enzim Protease Buah Nanas (Ananas Comosus L.Merr) Dan Pepaya (Carica Papaya L.) Menggunakan Metode Sds-Page', *ALCHEMY Jurnal Penelitian Kimia*, 13(1), pp. 52–65.

Rath, A., Cunningham, F. and Deber, C. M. (2013) 'Acrylamide concentration determines the direction and magnitude of helical membrane protein gel

- shifts', *Proceedings of the National Academy of Sciences*, 110(39). doi: 10.1073/pnas.1311305110.
- RISKESDAS (2013) 'Riset Kesehatan Dasar (RISKESDAS) 2013', *Laporan Nasional 2013*, pp. 1–384. doi: 1 Desember 2013.
- Samaranayake, L. (2012) *Essential microbiology for dentistry*. Fourth, *Bdj*. Fourth. Churchill Livingstone Elsevier. doi: 10.1038/sj.bdj.2012.309.
- Sharma, A. and Soman, R. (2009) 'Dermatoglyphic interpretation of dental caries and its correlation to salivary bacteria interactions: An in vivo study', *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 27(1), p. 17. doi: 10.4103/0970-4388.50811.
- Simon, Lisa. 2007. "The Role of Streptococcus Mutans And Oral Ecology in The Formation of Dental Caries." *LURJ*.
- Siti, B.H (2002). Karakterisasi Berat Molekul Protein Biofilm *Aggregatibacter Actinomycetemcomitans* Secara In Vitro Untuk Mengembangkan Biomarker Periodontitis Agresif. *Tesis*. Fakultas Kedokteran Gigi Universitas Airlangga.
- Soll, David R, and Karla J Daniels. 2016. "Plasticity of Candida Albicans Biofilms" 80 (3): 565–95. <https://doi.org/10.1128/MMBR.00068-15>.Address.
- Tanner, A.P.V. Colombo and A.C.R. 2019. "The Role of Bacterial Biofilms in Dental Caries and Periodontal and Peri-Implant Diseases : A Historical Perspective." <https://doi.org/10.1177/0022034519830686>.
- Thi, Phuong, Mai Nguyen, Megan L Falsetta, Geelsu Hwang, Mireya Gonzalez-begne, and Hyun Koo. 2014. "A -Mangostin Disrupts the Development of Streptococcus Mutans Biofilms and Facilitates Its Mechanical Removal" 9 (10). <https://doi.org/10.1371/journal.pone.0111312>.
- Wasfi, Reham. 2018. "Probiotic Lactobacillus Sp . Inhibit Growth , Biofilm Formation and Gene Expression of Caries-Inducing Streptococcus Mutans" 22 (3): 1972–83. <https://doi.org/10.1111/jcmm.13496>.
- Wei, Yuan, Wei Qiu, Xue-dong Zhou, Xin Zheng, Ke-ke Zhang, Shi-da Wang, Yu-qing Li, et al. 2016. "Alanine Racemase Is Essential for the Growth and Interspecies Competitiveness of Streptococcus Mutans." *Nature Publishing Group* 8 (4): 231–38. <https://doi.org/10.1038/ijos.2016.34>.
- Winarsi, H. (2010). Protein Kedelai dan Kecambah: Manfaatnya bagi Kesehatan. Yogyakarta: Kanisius.
- Zhu, Wenhui, Shanshan Liu, Peilin Zhuang, J I A Liu, Y A N Wang, and Huancai Lin. 2017. "Characterization of Acid - Tolerance - Associated Small RNAs

in Clinical Isolates of Streptococcus Mutans : Potential Biomarkers for Caries Prevention," 9242–50. <https://doi.org/10.3892/mmr.2017.7751>.