

## DAFTAR PUSTAKA

1. Newbrun E. Cariology. 3<sup>rd</sup> ed. Chicago: Quintessence Publishing Company Incorporated; 1989. p. 148-50.
2. Nizel AE, Papas AS. Nutrition in clinical dentistry. 3<sup>rd</sup> ed. Philadelphia: W.B. Saunders Company; 1989. p. 23.
3. Harrison K. Xylitol. [online]. 2007 Mar [cited 2008 May 5]; Available from: URL:<http://www.3dchem.com/molecules.asp/ID=306>
4. Fejerskov O, Kidd EAM, editors. Dental caries: the disease and its clinical management. Oxford: Blackwell Munksgaard; 2004. p. 186,234-7.
5. Su-Ji H, So-Yeon J, Yun-Ju N, Kyu-Ho Y, Hoi-Soon L, Jin C. Xylitol inhibits inflammatory cytokine expression induced by lipopolysaccharide from *Porphyromonas gingivalis*. Clin Diagn Lab Immunol. 2005 Nov;12(11):1285-91.
6. Okiji T. Pulp as a connective tissue. In: Hargreaves KM, Goodis HE, editors. Seltzer and Bender's dental pulp. Chicago: Quintessence Publishing Company Incorporated; 2002. p. 95,105-17.
7. Crawford WH. Teeth and jaws: dental caries, inflammatory pulp, and inflammatory periapical conditions. [online]. 2008 [cited 2008 Nov 12]; Available from: URL:<http://www.usc.edu/hsc/dental/PTHL312abc/312b/09/Reader/reader09.pdf>
8. Boyd J. Study of protein structure inside a living cell. [online]. 2007 [cited 2008 Sep 5]; Available from: URL:<http://www.medicalnewstoday.com/articles/88606.php>
9. Ryan JA. Introduction to animal cell culture. [bulletin online]. New York: Corning Incorporated; 2008 [cited 2008 Sep 5]; Available from: URL:[http://www.corning.com/lifesciences/technical\\_information/techdocs/intro\\_animal\\_cell\\_culture.pdf](http://www.corning.com/lifesciences/technical_information/techdocs/intro_animal_cell_culture.pdf)
10. Freshney RI. Culture of animal cells: a manual of basic technique. 4<sup>th</sup> ed. New York: Wiley-Liss Incorporated; 2000. p. 1,4,9,10,89
11. D-xylitol: natural alcohol sugar; proven antibacterial, anti-fungal and immune enhancement properties. [online]. 2001 [cited 2008 Oct 13]; Available from: URL:<http://www.arrowheadhealthworks.com/xylitol.htm>

12. Mäkinen KK. History, safety, and dental properties of xylitol. [online]. [cited 2008 Oct 13]; Available from: URL:<http://xylitol.org/drmakinen.asp#term>
13. Sellman S. Xylitol - our sweet salvation?. Nexus. [serial online]. 2002 Dec - 2003 Jan [cited 2008 Oct 13]; Available from: URL:<http://www.ashop.com.au/uplfiles/NexusXylitolArticle.pdf>
14. Xylitol. [online]. [cited 2008 Oct 13]; Available from: URL:<http://www.xylitol.com.au/g/177/resources.html>
15. Agustina A, Tjahajani A, Auerkari EI. Pengaruh pasta gigi mengandung xylitol terhadap pertumbuhan *Streptococcus mutans* serotip C (in vitro). Indonesian Journal of Dentistry. 2007 Dec;14(3):204-9.
16. Menaker L. The biologic basis of dental caries. Maryland: Harper & Row Publishers; 1980. p. 326,343-61.
17. Torneck CD, Torabinejad M. Biologi jaringan pulpa dan jaringan sekitar akar. In: Sumawinata N, editor. Prinsip dan praktik ilmu endodonsi. Jakarta: Penerbit Buku Kedokteran EGC; 1998. p. 11,12,18-23.
18. Trowbridge HO. Histology of pulpal inflammation. In: Hargreaves KM, Goodis HE, editors. Seltzer and Bender's dental pulp. Chicago: Quintessence Publishing Company Incorporated; 2002. p. 230-4.
19. Nakashima M, Mizunuma K, Murakami T, Akamine A. Induction of dental pulp stem cell differentiation into odontoblasts by electroporation-mediated gene delivery of growth/differentiation factor 11 (Gdf11). Nature Gene Therapy. 2002;9(12):814-8.
20. Dash P. Apoptosis. [online]. [cited 2008 Nov 26]; Available from: URL:<http://www.sgul.ac.uk/depts/immunology/~dash/apoptosis/index.htm>
21. ECACC. Fundamental techniques in cell culture. [online]. [cited 2008 Oct 13]; Available from: URL:[http://www.gigmaaldrich.com/Area\\_of\\_Interest/Life\\_Science/Cell\\_Culture/Key\\_Resources/ECACC\\_Handbook.html](http://www.gigmaaldrich.com/Area_of_Interest/Life_Science/Cell_Culture/Key_Resources/ECACC_Handbook.html)
22. Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. Molecular biology of the cell. 3<sup>rd</sup> ed. New York: Garland Publishing; 1994. p. 43,44,46,159,169,170.
23. VCU Bioinformatics and Bioengineering Summer Institute. Introduction to molecular biology - protein. [online]. [cited 2008 Oct 24]; Available from: URL:<http://www.vcu.edu/csbc/bbsi/inst/courses/intro/protein.PDF>
24. Bailey R. Protein function. [online]. 2008 [cited 2008 Oct 24]; Available from: URL:<http://biology.about.com/od/molecularbiology/a/aa101904a.htm>

25. Thermo Scientific. Coomassie (Bradford) protein assay kit. [online]. 2008 [cited 2008 Oct 23]; Available from:  
URL:<http://www.piercenet.com/products/browse.cfm?fldID=02020105>
26. Bio-Rad. Quick start Bradford protein assay – instruction manual. [online]. 2000 [cited 2008 Oct 23]; Available from:  
URL:[http://www.bio-rad.com/cmc\\_upload/Literature/55685/4110065A.pdf](http://www.bio-rad.com/cmc_upload/Literature/55685/4110065A.pdf)
27. MolecularDude. Electrophoresis. [online]. 2008 Mar [cited 2008 Oct 24]; Available from:  
URL:<http://www.molecularstation.com/sds-page-gel-electrophoresis/>
28. Weber K, Osborn M. Proteins and sodium dodecyl sulfate: molecular weight determination on polyacrylamide gels and related procedures. In: Neurath H, Hill RL, editors. *The proteins*. 3<sup>rd</sup> ed. New York: Academic Press; 1975. p. 192,193.
29. Rybicki E, Purves M. SDS Polyacrylamide Gel Electrophoresis (SDS PAGE). [online]. [cited 2008 Oct 24]; Available from:  
URL:<http://www.mcb.uct.ac.za/sdspage.html>
30. Rodwell VW. Proteins: structure and function. In: Murray RK, Granner DK, Mayes PA, Rodwell VW, editors. *Harper's biochemistry*. 24<sup>th</sup> ed. Stamford: Appleton & Lange; 1996. p. 48.
31. Fermentas. PageBlue™ protein staining solution. [online]. [cited 2008 Nov 3]; Available from:  
URL:<http://www.fermentas.com/catalog/electrophoresis/proteinstaining.htm>
32. Fermentas. PageSilver™ silver staining kit. [online]. [cited 2008 Nov 3]; Available from:  
URL:<http://www.fermentas.com/catalog/kits/kitpagesilver.htm>
33. Bio-Rad. The Bio-Rad silver stain, rev E. [online]. [cited 2008 Nov 3]; Available from:  
URL:<http://www.biocompare.com/technicalarticle/1184/The-Bio-Rad-Silver-Stain-Rev-E-from-Bio-Rad.html>
34. Rahadian B. Efek xylitol terhadap viabilitas sel dan profil protein sel-sel pulpa gigi (in vitro). Jakarta: Universitas Indonesia; 2008.
35. Achmad RT. Efek xylitol terhadap protein total sel dan profil protein sel-sel pulpa gigi (in vitro). Jakarta: Universitas Indonesia; 2008.
36. Seiboth B, Hartl L, Pail M, Kubicek CP. D-xylose metabolism in *hypocrea jecorina*: loss of the xylitol dehydrogenase step can be partially compensated for by lad1-encoded L-arabinitol-4-dehydrogenase. *Eukaryot Cell*. 2003 Oct;2(5):867-75.

37. Berg TM, Øyaas K, Levine DW. Betaine will protect hybridoma cells from hyperosmotic stress. *Biotechnology Techniques*. 1991 Jan;5(3):179-82.
38. Hampton RY, Holz RW. Effects of changes in osmolality on the stability and function of cultured chromaffin cells and the possible role of osmotic forces in exocytosis. *Journal of Cell Biology*. 1983;96:1082-8.

