

DAFTAR PUSTAKA

- Abalos, E., Cuesta, C., Grosso, A. L., Chou, D. and Say, L. (2013) Global and regional estimates of preeclampsia and eclampsia: a systematic review, *European Journal of Obstetrics & Gynecology and Reproductive Biology*, 170 (1), pp. 1–7. DOI:10.1016/j.ejogrb.2013.05.005.
- Agueda, A., Ramón, J. M., Manau, C., Guerrero, A. and Echeverría, J. J. (2008) Periodontal disease as a risk factor for adverse pregnancy outcomes: A prospective cohort study, *Journal of Clinical Periodontology*, 35 (1), pp. 16–22. DOI:10.1111/j.1600-051X.2007.01166.x.
- Aikawa, E. (2011) Immunohistochemistry, in: *Comprehensive Biomaterials*. Elsevier, pp. 277–290.
- Akbar, M. I. A., Adibrata, M. A., Aditiawarman, Aryananda, R. A., Angsar, M. D. and Dekker, G. (2019) Maternal and perinatal outcome related to severity of chronic hypertension in pregnancy, *Pregnancy Hypertension*, 16, pp. 154–160. DOI:10.1016/j.preghy.2019.04.007.
- Ardini, D. S. (2005) Efek pemberian vitamin E dan vitamin C terhadap kadar nitric oxide (NO) pada preeklampsia. pp.27-30
- Arigbede, A., Babatope, Bo. and Bamidele, Mk. (2013) Periodontitis and systemic diseases: A literature review, *Journal of Indian Society of Periodontology*, 16 (4), pp. 487. DOI:10.4103/0972-124x.106878.
- Bobetsis, Y. A., Barros, S. P. and Offenbacher, S. (2014) Exploring the relationship between periodontal disease and pregnancy complications, *The Journal of the American Dental Association*, 137 (October), pp. S7–S13. DOI:10.14219/jada.archive.2006.0403.
- Bonney, E. A. (2013) Demystifying Animal Models of Adverse Pregnancy Outcomes: Touching Bench and Bedside, *American Journal of Reproductive Immunology*, pp. n/a-n/a. DOI:10.1111/aji.12102.
- Carroll, M. F. and Temte, J. L. (2000) Proteinuria in adults: a diagnostic approach., *American Family Physician*, 62 (6), pp. 1333–40. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/11011862>
- Cavalla, F., Bigueti, C. C., Garlet, T. P., Trombone, A. P. F. and Garlet, G. P. (2018) Inflammatory Pathways of Bone Resorption in Periodontitis, in: *Pathogenesis of Periodontal Diseases*. Cham: Springer International Publishing, pp. 59–85.
- Charles, L., Triscott, J. and Dobbs, B. (2017) Secondary Hypertension: Discovering the Underlying Cause., *American Family Physician*, 96 (7), pp. 453–461. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/29094913>
- Chatterjee, P., Chiasson, V. L., Kopriva, S. E., Young, K. J., Chatterjee, V., Jones, K. A. and Mitchell, B. M. (2011) Interleukin 10 Deficiency Exacerbates Toll-Like Receptor 3–Induced Preeclampsia-Like Symptoms in Mice, *Hypertension*, 58 (3),

- pp. 489–496. DOI:10.1161/HYPERTENSIONAHA.111.172114.
- Chobanian, A. V., Bakris, G. L., Black, H. R., Cushman, W. C., Green, L. A., Izzo, J. L., *et al.* (2003) Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure, *Hypertension*, 42 (6), pp. 1206–1252. DOI:10.1161/01.HYP.0000107251.49515.c2.
- Clark, D. A. (2014) The use and misuse of animal analog models of human pregnancy disorders, *Journal of Reproductive Immunology*, 103, pp. 1–8. DOI:10.1016/j.jri.2014.02.006.
- Cubro, H., Kashyap, S., Nath, M. C., Ackerman, A. W. and Garovic, V. D. (2018) The Role of Interleukin-10 in the Pathophysiology of Preeclampsia, *Current Hypertension Reports*, 20 (4), pp. 36. DOI:10.1007/s11906-018-0833-7.
- Cunningham, G. F. (2009) Fisiologi Ibu Hamil, *Obstetri Williams Ed 21*. Jakarta : EGC
- Dhabekar, G., Dandekar, R. and Kingaonkar, A. (2012) Role of macrophages in malignancy, *Annals of Maxillofacial Surgery*, 1 (2), pp. 150. DOI:10.4103/2231-0746.92782.
- Dörtbudak, O., Eberhardt, R., Ulm, M. and Persson, G. R. (2005) Periodontitis, a marker of risk in pregnancy for preterm birth, *Journal of Clinical Periodontology*, 32 (1), pp. 45–52. DOI:10.1111/j.1600-051X.2004.00630.x.
- Dumitrescu, A. L. (2018) *Etiology and Pathogenesis of Periodontal Disease*, Dumitrescu, A. L. (ed.) *Etiology and Pathogenesis of Periodontal Disease*. Berlin, Heidelberg: Springer Berlin Heidelberg. DOI:10.1007/978-3-642-03010-9.
- Farah, C. S., Balasubramaniam, R. and McCullough, M. (2019) *Contemporary Oral Medicine*, Farah, C. S., Balasubramaniam, R., and McCullough, M. J. (eds.) *Contemporary Oral Medicine*. Cham: Springer International Publishing. DOI:10.1007/978-3-319-72303-7.
- Glick, M. and William, M. (2015) *Burket's Oral Medicine*. 12th editi. Shelton, Connecticut.
- Hall, J. E., Granger, J. P., do Carmo, J. M., da Silva, A. A., Dubinion, J., George, E., Hamza, S., Speed, J. and Hall, M. E. (2012) Hypertension: Physiology and pathophysiology, *Comprehensive Physiology*, 2 (4), pp. 2393–2442. DOI:10.1002/cphy.c110058.
- Han, Y. K., Jin, Y., Miao, Y. B., Shi, T. and Lin, X. P. (2018) Improved RANKL production by memory B cells: A way for B cells promote alveolar bone destruction during periodontitis, *International Immunopharmacology*, 64 (36), pp. 232–237. DOI:10.1016/j.intimp.2018.08.033.
- Hans, M. and Hans, V. M. (2011) Toll-like receptors and their dual role in periodontitis: a review, *Journal of Oral Science*, 53 (3), pp. 263–271. DOI:10.2334/josnusd.53.263.
- Hardy, C. M., Clydesdale, G. and Mobbs, K. J. (2004) Development of mouse-specific

- contraceptive vaccines: infertility in mice immunized with peptide and polyepitope antigens, *Reproduction*, 128 (4), pp. 395–407. DOI:10.1530/rep.1.00276.
- Iannaccone, P. M. and Jacob, H. J. (2009) Rats!, *Disease Models & Mechanisms*, 2 (5–6), pp. 206–210. DOI:10.1242/dmm.002733.
- Iyer, S. S. and Cheng, G. (2012) Role of interleukin 10 transcriptional regulation in inflammation and autoimmune disease, *Critical Reviews in Immunology*, 32 (1), pp. 23–63. DOI:10.1615/critrevimmunol.v32.i1.30.
- Jameel, M. K. and Joshi, A. R. (2015) Effect of acute stress on serum cortisol level in female wistar rats, *International J. of Healthcare and Biomedical Research*, 3 (4), pp. 109–113.
- Kanaparthi, R., Kanaparthi, A. and Mahendra, M. (2012) C-reactive protein as a marker of periodontal disease., *General Dentistry*, 60 (1), pp. e1-5. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/22313986>
- Kang, W., Hu, Z. and Ge, S. (2016) Healthy and Inflamed Gingival Fibroblasts Differ in Their Inflammatory Response to Porphyromonas gingivalis Lipopolysaccharide, *Inflammation*, 39 (5), pp. 1842–1852. DOI:10.1007/s10753-016-0421-4.
- Krismariono, A. (2016) The decreasing of NFκB level in gingival junctional epithelium of rat exposed to Porphyromonas gingivalis with application of 1% curcumin on gingival sulcus, *Dental Journal (Majalah Kedokteran Gigi)*, 48 (1), pp. 35. DOI:10.20473/j.djmk.v48.i1.p35-38.
- Kunnen, A., van Pampus, M. G., Aarnoudse, J. G., van der Schans, C. P., Abbas, F. and Faas, M. M. (2014) The effect of porphyromonas gingivalis lipopolysaccharide on pregnancy in the rat, *Oral Diseases*, 20 (6), pp. 591–601. DOI:10.1111/odi.12177.
- Lai, Z., Kalkunte, S. and Sharma, S. (2011) A Critical Role of Interleukin-10 in Modulating Hypoxia-Induced Preeclampsia-Like Disease in Mice, *Hypertension*, 57 (3), pp. 505–514. DOI:10.1161/HYPERTENSIONAHA.110.163329.
- Lang, N. P. and Lindhe, J. (2015) Clinical Periodontology and Implant Dentistry, 2 Volume Set, 6th Edition. *Wiley-Blackwell*.
- Lemeshow, H. J. S., W, D., Klar, J. and Lwanga, S. K. (1990) Part 1: Statistical Methods for Sample Size Determination, *Adequacy of Sample Size in Health Studies*, pp. 247. DOI:10.1186/1472-6963-14-335.
- Liu, N., Zhou, C., Chen, Y. and Zhao, J. (2013) The involvement of osteopontin and β3 integrin in implantation and endometrial receptivity in an early mouse pregnancy model, *European Journal of Obstetrics Gynecology and Reproductive Biology*, 170 (1), pp. 171–176. DOI:10.1016/j.ejogrb.2013.06.019.
- Lloyd, M. L., Shellam, G. R., Papadimitriou, J. M. and Lawson, M. A. (2004) Immunocontraception Is Induced in BALB/c Mice Inoculated With Murine

- Cytomegalovirus Expressing Mouse Zona Pellucida 31, *Biology of Reproduction*, 68 (6), pp. 2024–2032. DOI:10.1095/biolreprod.102.012880.
- Lohmiller, J. J. and Swing, S. P. (2006) Reproduction and Breeding, in: *The Laboratory Rat*. Elsevier, pp. 147–164.
- Luis Muñoz-Carrillo, J., Elizabeth Hernández-Reyes, V., Eduardo García-Huerta, O., Chávez-Ruvalcaba, F., Isabel Chávez-Ruvalcaba, M., Mariana Chávez-Ruvalcaba, K. and Díaz-Alfaro, L. (2020) Pathogenesis of Periodontal Disease, in: *Periodontal Disease - Diagnostic and Adjunctive Non-surgical Considerations*. IntechOpen, pp. 1,4.
- Madianos, P. N., Bobetsis, Y. A. and Kinane, D. F. (2005) Generation of inflammatory stimuli: how bacteria set up inflammatory responses in the gingiva., *Journal of Clinical Periodontology*, 32 Suppl 6, pp. 57–71. DOI:10.1111/j.1600-051X.2005.00821.x.
- Martina, A., Inez, P., Gerard, C. and Chris, L. (2007) Review Dental manifestations of pregnancy, *The Obstetrician & Gynaecologist*, 9 (1), pp. 21–26. DOI:10.1576/toag.9.1.021.27292.
- Murata, L. B., Brunhoeber, P., Clements, J., ElGabry, E. A., Feng, J., Kapadia, M., Mistry, A., Singh, S. and Walk, E. E. (2019) Immunohistochemistry, in: *Companion and Complementary Diagnostics*. Elsevier, pp. 53–91.
- Nelson, T. S., Akin, R. E., Weiler, M. J., Kassis, T., Kornuta, J. A. and Dixon, J. B. (2014) Minimally invasive method for determining the effective lymphatic pumping pressure in rats using near-infrared imaging, *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*, 306 (5), pp. R281–R290. DOI:10.1152/ajpregu.00369.2013.
- Newman, M. G., H.Tahei, H., Klokkevold, P. R. and Carranza, F. A. (2014) Newman and Carranza's Clinical Periodontology, *Elsevier*. p. 219-240
- Orange, S., Horvath, J. and Hennessy, A. (2003) Preeclampsia is associated with a reduced interleukin-10 production from peripheral blood mononuclear cells, *Hypertension in Pregnancy*. DOI:10.1081/PRG-120016788.
- Özen, B., Özer, L., Başak, F., Altun, C. and Açıkel, C. (2012) Turkish women's self-reported knowledge and behavior towards oral health during pregnancy, *Medical Principles and Practice*, 21 (4), pp. 318–322. DOI:10.1159/000334635.
- Palm, M., Axelsson, O., Wernroth, L., Larsson, A. and Basu, S. (2013) Involvement of inflammation in normal pregnancy, *Acta Obstetrica et Gynecologica Scandinavica*, 92 (5), pp. 601–605. DOI:10.1111/aogs.12093.
- Papapanou, P. N., Sanz, M., Buduneli, N., Dietrich, T., Feres, M., Fine, D. H., *et al.* (2018) Periodontitis: Consensus report of workgroup 2 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions, *Journal of Clinical Periodontology*, 45, pp. S162–S170. DOI:10.1111/jcpe.12946.

- Pauline, M., Avadhany, S. T. and Maruthy, K. N. (2011) Non Invasive Measurement of Systolic Blood Pressure in Rats : A Simple Technique, *AI Ameen J Med Sci*.
- Perlman, R. L. (2016) Mouse Models of Human Disease: An Evolutionary Perspective, *Evolution, Medicine, and Public Health*, pp. 14. DOI:10.1093/emph/ew014.
- Pöllänen, M. T., Laine, M. A., Ihalin, R. and Uitto, V.-J. (2012) Host-Bacteria Crosstalk at the Dentogingival Junction, *International Journal of Dentistry*, 2012, pp. 1–14. DOI:10.1155/2012/821383.
- Rafiei, M., Kiani, F., Sayehmiri, F., Sayehmiri, K., Sheikhi, A. and Azodi, M. Z. (2017) Study of Porphyromonas gingivalis in periodontal diseases: A systematic review and meta-analysis, *Medical Journal of the Islamic Republic of Iran*, 31 (1), pp. 355–362. DOI:10.18869/mjiri.31.62.
- Raghupathy, R. (2013) Cytokines as key players in the pathophysiology of preeclampsia, *Medical Principles and Practice*, 22 (SUPPL.1), pp. 8–19. DOI:10.1159/000354200.
- Rantam Fedik A. 2003. Metode Imunologi. Surabaya: Airlangga University Press. h.79-80
- Ramos-Vara, J. A. (2005) Technical aspects of immunohistochemistry, *Veterinary Pathology*, 42 (4), pp. 405–426. DOI:10.1354/vp.42-4-405.
- Ren, H. (2017) Role of Maternal Periodontitis in Preterm Birth, 8 (February), pp. 1–10. DOI:10.3389/fimmu.2017.00139.
- Ross, M. H. P. (deceased) and Pawlina, W. (2014) *HISTOLOGY A TEXT AND ATLAS with Correlated Cell and Molecular Biology*, Psychological Science. DOI:10.1007/s13398-014-0173-7.2.
- Rusterholz, C., Hahn, S. and Holzgreve, W. (2007) Role of placentally produced inflammatory and regulatory cytokines in pregnancy and the etiology of preeclampsia, *Seminars in Immunopathology*, 29 (2), pp. 151–162. DOI:10.1007/s00281-007-0071-6.
- Sgolastra, F., Petrucci, A., Severino, M., Gatto, R. and Monaco, A. (2013) Relationship between periodontitis and pre-eclampsia: a meta-analysis., *PloS One*, 8 (8), pp. 24–26. DOI:10.1371/journal.pone.0071387.
- Shiadeh, M. N., Behboodi Moghadam, Z., Adam, I., Saber, V., Bagheri, M. and Rostami, A. (2017) Human infectious diseases and risk of preeclampsia: an updated review of the literature, *Infection*, 45 (5), pp. 589–600. DOI:10.1007/s15010-017-1031-2.
- Sibai, B. (2003) Diagnosis and Management of Gestational Hypertension and Preeclampsia, *Obstetrics & Gynecology*, 102 (1), pp. 181–192. DOI:10.1016/S0029-7844(03)00475-7.
- Sowmya, S., Ramaiah, A., Nallari, P., Jyothy, A. and Venkateshwari, A. (2015) Role of IL-6 -174(G/C) promoter polymorphism in the etiology of early-onset

- preeclampsia, *Inflammation Research*, 64 (6), pp. 433–439. DOI:10.1007/s00011-015-0823-z.
- Straszewski-Chavez, S. L., Abrahams, V. M. and Mor, G. (2005) The role of apoptosis in the regulation of trophoblast survival and differentiation during pregnancy, *Endocrine Reviews*, 26 (7), pp. 877–897. DOI:10.1210/er.2005-0003.
- Sun, Y., Shu, R., Li, C.-L. and Zhang, M.-Z. (2010) Gram-Negative Periodontal Bacteria Induce the Activation of Toll-Like Receptors 2 and 4, and Cytokine Production in Human Periodontal Ligament Cells, *Journal of Periodontology*, 81 (10), pp. 1488–1496. DOI:10.1902/jop.2010.100004.
- Suwanti, Wibowo, E. and Safitri, N. A. (2014) Hubungan tekanan darah dan paritas dengan kejadian eklampsia di ruang bersalin RSUP NTB tahun 2012, *Media Bina Ilmiah* 25.
- Tonetti, M. S., Greenwell, H. and Kornman, K. S. (2018) Staging and grading of periodontitis: Framework and proposal of a new classification and case definition, *Journal of Periodontology*, 89, pp. S159–S172. DOI:10.1002/JPER.18-0006.
- Uzan, J., Carbonnel, M., Piconne, O., Asmar, R. and Ayoubi, J. M. (2011) Pre-eclampsia: Pathophysiology, diagnosis, and management, *Vascular Health and Risk Management*. DOI:10.2147/VHRM.S2018.
- Vahabi, S., Sattari, M., Taheraslani, M. and Bagheban, A. A. (2011) Correlation between Interleukin-1 β , Interleukin-6 and Tumor Necrosis Factor- α and Clinical Parameters in Chronic and Aggressive Periodontal Disease, *Journal of Periodontology & Implant Dentistry*, 3 (2), pp. 51–56. Available from: <http://dentistry.tbzmed.ac.ir/jpid> [Accessed
- Vanderlelie, J., Venardos, K. and Perkins, A. V. (2004) Selenium deficiency as a model of experimental pre-eclampsia in rats, *Reproduction*, 128 (5), pp. 635–641. DOI:10.1530/rep.1.00260.
- Xie, C., Yao, M. Z., Liu, J. B. and Xiong, L. K. (2011) A meta-analysis of tumor necrosis factor-alpha, interleukin-6, and interleukin-10 in preeclampsia, *Cytokine*, 56 (3), pp. 550–559. DOI:10.1016/j.cyto.2011.09.021.