DAFTAR PUSTAKA

Ahmed, M., Islam, M. A., Akhtar, M. A., Islam, M. R., Hossain, M. S., Alam, M. K., Wahed, M. I. I., Rahman, B. M., Anisuzzaman, A. S. M., 2009, Antidiabetic and Hypolipidemics Effects of Different Fractions of *Catharanthus roseus* (Linn.) on Normal and Streptozotocin-induced Diabetic Rats, *Journal of Scientific Research*, 1: 334-344

Bezerra, De Lima, Alencar, 2000, Selective cyclooxygenase-2 inhibition prevents alveolar bone loss in experimental periodontitis in rats, *J Periodontol*, 71: 57-63

Cekici, A., Kantarci, A., Hasturk, H., Van Dyke, T. E., 2014, Inflammatory and immune pathways in the pathogenesis of periodontal disease, *Periodontol 2000*, 64 (1): 57-80

Dewi, I., A. L. P., Damriyana, I. M., Dada, I. K. A., 2013, Bioaktivitas Ekstrak Daun Tapak Dara (*Catharanthus roseus*) terhadap Periode Epitelisasi Dalam Proses Penyembuhan Luka pada Tikus Wistar, *Indonesia Medicus Veterinus*, 2(1) : 58-75

Eaton, K. A., Ower, P., 2015, *Practical Periodontics*, England, Elsiever

Ermawati, T., 2012. Periodontitis dan Diabetes Melitus, *Stomatognatic*, 9(3): 152-154

Engebretson, S., Chertog, R., Nichols, A., Hey-Hadavi, J., Celenti, R., Grbic, J., 2007, The Severity of Periodontal Disease is Associated with the Development of Glucose Intolerance in Non-diabetics: the Hisayama Study, *Journal of Clinical Periodontology*, 3: 18-24

Falciani, M., Gori, A. M., Fedi, S., Chiarugi, L., Simonetti, I., Dabizzi, R. P., Prisco, D., Pepe, G., Abbate, R., Gensini, G. F., Neri, S. G. G., 2000, Elevated Tissue Factor and Tissue Factor Pathway Inhibitor Circulating Levels in Ischaemic Heart Disease Patients, *Thromb Haemost*, 79(3): 495-9

Fanda, Putri S.W., Ratna, M. W., Wahyu, D. T., 2013, Pengaruh Tinggi Diet Fruktosa Terhadap Jumlah Makrofag dan Kadar TNF-alpha pada Tikus Wistar Jantan, Fakultas Farmasi Widya Mandala Surabaya

Firdaus, Rimbawan, Marliyati, S. A., Roosita, K., 2016, Model Tikus Diabetes yang Diinduksi Streptozotocin-Sukrosa Untuk Pendekatan Penelitian Diabetes Mellitus Gestasional, *Jurnal MKMI*, 12(1): 29-34

Gartner, L. P., Hiatt, J. L., 2007, *Color Textbook of Histology*, Philadelphia: Saunders/Elsevier

Ghasemi, A., Khalifi, S., Jedi, S., 2014, Streptozotocin-nicotinamide-induced rat model of type 2 diabetes, *Acta Physiologica Hungarica*, 101(4)

Guyton, A. C., Hall, J. E., 2006, *Textbook of Medical Physiology*, USA: Elsiever Saunders

Hanes, P. J., Krishna, R., 2010, Characteristics of Inflammation Common to Both Diabetes and Periodontitis: are predictive diagnosis and targeted preventive measures possible?, *EPMA Journal*, 1:101-116

Hasturk, H., Kantarci, A., Van Dyke, T. E., 2012, Oral imflammatory disease and systemic inflammation: role of the macrophage, *Frontiers in Immunology*, 118(3): 1-17

Hrapkiewicz, K., Medina, L. 2007. *Laboratory Animal.* Blackwell Publishing. USA

Hubrecht, R., Kirkwood, J., 2010, *The UFAW Handbook on The Care and Management of Laboratory and Other Research Animals 8th Edition*, Wiley-Blackwell: UK, Pp. 312-313

Indahyani, D., E., dkk, 2007, Pengaruh Induksi Lipopolisakarida (LPS) Terhadap Osteopontin Tulang Alveolaris Tikus Pada Masa Erupsi Gigi, *Indonesian Journal of Dentistry*, 14(1): 2-7

International Diabetes Federation, 2015, *IDF Diabetes Atlas, 7 ed.* Brussels, Belgium: International Diabetes Federation

Islam, M., A., dkk, 2009, Diabetic and Hypolipidemic Effects of Different Fractions of *Catharanthus roseus* (Linn.) on Normal and Streptozotocin-induced Diabetic Rats, *Journal of Scientific Research*, 1(2): 334-344

Iweala, E., E., J., Okeke, C., U., 2005, Comparative Study of The Hypoglycemic and Biochemical Effects of *Catharanthus roseus* (Linn) g. Apocynaceae (Madagascar periwinkle) and Chlorpropamide (Diabenese) on Alloxan-induced Diabetic Rats, *BIOKEMISTRI*, 17(2): 149-156

Khan, A., 2015, A Comparative Study of Antidiabetic Activity of *Catharantus roseus* and *Catharantus alba* Flower Extracts on Alloxan Induced Diabetic Rats, *World Journal of Pharmacy and Pharmaceutical Sciences*, 5(2): 527-543

Kim, J., Amar, S., 2006, Periodontal Disease and Systemic Conditions: a Bidirectional Relationship, *Odontology*, 94:10-21

Kusumawati, D., 2004. *Bersahabat dengan Hewan Coba*. Edisi pertama, Yogyakarta, Universitas Gajah Mada, h : 88-91.

LeRoith, D., Taylor, S. I., Olefsky, J. M., 2004, *Diabetes Mellitus: A Fundamental and Clinical Text Third Edition*, USA, Lippincott Williams & Wilkins

Leahy, J. L., Clark, N. G., Cefalu, W. T., 2000, *Medical Management of Diabetes Mellitus*, New York, Marcel Dekker, Inc.

Makalalag, I. W., Wullur, A., 2013, Uji Ekstrak Daun Binahong (*Anredera cordifolia* Steen.) Terhadap Kadar Gula Darah Pada Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*) yang Diinduksi Sukrosa, *Jurnal Ilmiah Farmasi*, 2(1):29

Malole, MBM, Pramono USC, 1989. *Penggunaan hewan-hewan percobaan di laboratorium*. Pusat antar universitas, Institut Pertanian Bogor, Bogor

Marigo, L., Cerreto, R., Giuliani, M., Somma, F., Lajolo, C., Cordaro, N., 2011, Diabetes Mellitus: Biochemical, Histological and Miceobiological Aspects in Periodontal Disease, *Europian Review for Medical anf Pharma;ogical Sciences. 15: 751-758*

Martinez, A. B., Perez, P. M., Bermejo, M. E., Moles, M. A. G., Ilundain, J. B., Meurman, J. H., 2011, Periodontal Disease and Diabetes-Review pf the Literature, *Med Oral Patol Oral Cir Bucal,* 16(6): 722

Mealey, B., L., 2006, Periodontal Disease and Diabetes Mellitus: A Two-way-sheet, *American Dental Association,* 137(2): 26-31

Nandya, Maduratna, E., Augustina, E. F., 2012, *Status Kesehatan Jaringan Periodontal pada Pasien Diabetes Mellitus Tipe 2 Dibandingkan dengan Pasien Non Diabetes Mellitus Berdasarkan GPI*, Departemen Periodonsia Fakultas Kedokteran Gigi Universitas Airlangga BHMN

Novita, R., 2015, Pemilihan Hewan Coba pada Penelitian Pengembangan Vaksin Tuberculosis, *Jurnal Biotel Medisiana Indonesia,* 4(1);15-23

Nugroho, A. E., 2006, Percobaan Diabetes Mellitus: Patologi dan Mekanisme Aksi Diabetogenik, *Biodiversitas,* 7(4): 378-382

Obiechina, N., 2011, *Understanding Periodontitis,* USA, AuthorHouse

Oz H. S., Puleo, D.A., 2011, Animal models for periodontal disease. *J Biomed Biotechnol* 2011;2011:754857

Prasetya, R. C., 2013, Jumlah sel makrofag gingiva tikus wistar jantan yang diinduksi periodontitis setelah pemberian ekstrak etanolik kulit manggis, Dentofasial, Fakultas Kedokteran Gigi Universitas Jember

Ross, M. H., Pawlina, W., 2006, *Histology: A text and atlas : with correlated cell and molecular biology*, Baltimore, MD: Lippincott Wiliams & Wilkins

Ruedas, L., 2008, *Rattus norvegicus*, The IUCN Red List of Threatened Species, IUCN

Selawa, W., Revolta, M., dkk, 2013, Kandungan Flavonoid dan Kapasitas Antioksidan Total Ekstrak Etanol Daun Binahong [*Anredera cordifolia(*Ten.)Steenis.], *Jurnal Ilmiah Farmasi*, 2(1):19

Serhan, C. N., 2010, Novel Lipid Mediators and Resolution Mechanism in Acute Inflammation, *Am J Pathol,* 177(4): 1576-1591

Soriton, H., Yamlean, Paulina V. Y., dan Lolo, Widya Astuti., 2014, Uji Efektivitas Ekstrak Etanol Daun Tapak Dara(*Catharantus roseus* (L.) G.Don) terhadap Penurunan Kadar Gula Darah Tikus Putih Jantan Galur Wistar (Rattus norvegicus L.) yang Diinduksi Sukrosa, *Jurnal Ilmiah Farmasi*, Vol.3 No. 3

Surati, 2012, Pengaruh Ekstrak Daun Salam (*Syzgium polyanthum*) terhadap Aktivitas Makrofag pada Mencit Balb/c yang diinfeksi *Salmonella typhimurium*, Universitas Diponegoro

Szkudelski, T., 2012, Streptozotocin-nicotinamidei-induced diabetes in the rat. Characteristics of the experimental model, *Experimental Biology and Medicine*, 237: 481-490

Theml, H., Diem, H., Haferlach, T., 2004, *Color atlas of hematology; principal microscopic and clinical diagnosis* 2nd ed, Stuttgart: Thieme

Tiong, S. H., Looi, C. Y., Hazni, H., Arya, A., Paydar, M., Wong, W. F., Cheah, S. C., Mustafa, M. R., Awang, K., 2013, Antidiabetic and Antioxidant Properties of Alkaloids from *Catharantus roseus* (L.) G. Don, *Molecules*, 18: 9770-9784

Ukhrowi, U., 2011, Pengaruh Pemberian Ekstrak Etanol Umbi Bidara Upas (*Merremia mammosa*) terhadap Fagositosis Makrofag dan Produksi Nitrit Oksida (NO) Makrofag Studi pada Mencit Balb/c yang diinfeksi *Salmonella typhimurium*, Universitas Diponegoro

Virnanto, D. I., Setyari, W., Budi, H., S., Devijanti, R., 2014, Pengaruh Induksi Protein Adhesin *Actinobacillus actinomycetemcomitans* terhadap Jumlah Sel Limfosit pada Periodontitis Agresif, *Oral Biology Journal*, 6(1): 18-24

Warwick, R. M., Brubaker, S. A., 2012, *Tissue and Cell Clinical Use: Essential Guide*, USA, Wiley-Blackwell

Widowati, W., 2008, Potensi Antioksidan sebagai Antidiabetes, *JKM*, 7(2):4

Widiartini, W., dkk, 2013, Pengembangan Usaha Produksi Putih (*Rattus norvegicus*) Tersertifikas dalam Upaya Memenuhi Kebutuhan Hewan Laboratorium, Universitas Diponegoro

Yao, X. G., Chen F., Li P., dan Shen X., 2013, Natural Product Vindoline Stimulates Insulin Secretion and Efficiently Ameliorates Glucose Homeostasis in Diabetic Murine Models, *J Ethnopharmacol*, 150(1); 285