

## DAFTAR PUSTAKA

- Abdelmoaty, M.A., Ibrahim M.A., Ahmed N.S., dan Abdelaziz M.A. 2010. Confirmatory Studies on The Antioxidant and Antidiabetic Effect of Quercetin In Rats. *Indian Journal of Clinical Biochemistry*. Vol. 25(2):188-192.
- Ajao, A. A. and Moteetee, A. N. 2017. 'Tithonia diversifolia (Hemsl) A. Gray. (Asteraceae: Heliantheae), an invasive plant of significant ethnopharmacological importance: A review', *South African Journal of Botany*. SAAB, 113: 396–403.
- Akbar B. 2010. *Tumbuhan Dengan Kandungan Senyawa Aktif Yang Berpotensi Sebagai Bahan Antifertilitas*. Jakarta: Adabia Press.
- Alvarenga, Tathiana A., Hirotsu, Camila, Mazaro-Costa, Renata, Tufik, Sergio and Andersen, Monica L. 2015. Impairment of male reproductive function after sleep deprivation. *Fertility and Sterility*.
- Amanatie, Eddy Sulistyowati. 2015. Structure Elucidation of the Leaf of *Tithonia diversifolia* (Hemsl) Gray. *Jurnal Sains dan Matematika*. Vol. 23 (4): 101-112.
- Amartey, N. A., Nsiah, K., & Mensah, F. O. 2015. Plasma Levels of Uric Acid, Urea and Creatinine in Diabetics Who Visit the Clinical Analysis Laboratory (CAn-Lab) at Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. *Journal of Clinical and Diagnostic Research*. 9(2): BC05–BC9.
- American Diabetes Association. 2004. Nephropathy In Diabetes. *Diabetes care*. Vol. 27, Supplement 1.
- Ayala A, Munoz MF. 2014. Lipid Peroxidation. *Production, Metabolism, and Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-2-Nonenal*. Oxidative Medicine and Cellular Longevity volume 2014, 31 pages.
- Baron D. N. 2013. *Kapita Selekta Patologi Klinik*. Edisi 4. Jakarta: EGC
- Bosch, X. Poch, E. Grau, J.M., 2009. Rhabdomyolysis and Acute Kidney Injury. *N Engl J Med.*, 361, hal.62-72.
- Bosi, E. 2009. Metformin – The Gold Standard In Type 2 Diabetes. *Journal Compilation*. Milan. Blackwell Publishing Ltd.
- Brahmachari, G. 2011. Bio-Flavonoids With Promising Antidiabetic Potentials: A Critical Survey. *Research Signpost*. 187-212
- Brower M., M. Grace, C.M. Kotz, V. Koya. 2015. Comparative Analysis of Growth Characteristics of Sprague Dawley Rats Obtained from Different Sources. *Laboratory Animal Research*. 31(4) : 166-173.
- Burtis, C.A., Ashwood, E.R., Bruns, D.E., 2014. *Tietz: fundamentos de Quimica Clinica, 8ed*. Elsevier, Rio de Janeiro.
- Charan, J. & Kantharnia, N., 2013. How to calculate sample size in animal studies. *Journal of pharmacology & pharmacotherapeutics*. Vol. 4(4), pp. 303-306.
- Chatzizisis, Y.S. Misirli, G. Hatzitolios, A.I. Giannoglou, G.D., 2008. The syndrome of rhabdomyolysis: complications and treatment. *Eur J Int Med.*, 19, hal.568-74.
- Corwin, Elizabeth.J. 2009. *Patofisiologi: Buku Saku*. Edisi 5. Jakarta, EGC
- Dahlan, M. Sopiudin. 2009. *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan*. Jakarta : Salemba Medika.

- Dahlan, M.S. 2014. *Statistika Untuk Kedokteran dan Kesehatan*. Jakarta: Salemba Medika
- Decroli, Eva. 2019. *Diabetes Melitus Tipe 2*, Edisi 1. Padang. Pusat Penerbitan Bagian Ilmu Penyakit Dalam, Fakultas Kedokteran Universitas Andalas.
- Deeds M.C., J.M. Anderson, A.S. Armstrong, D.A. Gastineau, H.J. Hiddinga, A. Jahangir, N.L. Eberhardt, Y.C. Kudva. 2011. Single Dose.
- Deore S.L., S.S. Khadabadi, K.P. Chittam, P.G. Bhujade, T.P. Wane, Y.R. Nagpurkar, P.D. Chanekar, & R.G. Jain. 2009. Properties and pharmacological applications of Saponins. *Pharmacology*. Vol. 2: 61-84.
- Edmund L. 2010. Kidney function tests. *Clinical chemistry and molecular diagnosis*. 4th ed. America: Elsevier.
- Effendi I, Markum H. Pemeriksaan Penunjang pada Penyakit Ginjal. In: Sudoyo AW, editor. 2006. *Buku Ajar Ilmu Penyakit Dalam*. 4th ed. Jakarta: Bagian Penyakit Dalam.
- Eleazu, C. O., Eleazu, K. C., Chukwuma, S., & Essien, U. N. (2013). Review of the mechanism of cell death resulting from streptozotocin challenge in experimental animals, its practical use and potential risk to humans. *Journal of Diabetes and Metabolic Disorders*, 12(1), 60.
- Elekofehinti, O, Adanlawo, I.G, Komolafe and Ejeloni, O.C. 2012. Saponins from *Solanum anguivi* Fruits Exhibit Antioxidant Potential in Wistar Rats. *Scholars Research Library*. 3(7);3212-3217
- Elsner, M., Guldbakke, B., Tiedge, M., Munday, R., & Lenzen, S. (2000). Relative importance of transport and alkylation for pancreatic beta-cell toxicity of streptozotocin. *Diabetologia*, 43(12), 1528–1533.
- Fahey, G. C., & L. L. Berger. 1988. Carbohydrate nutrition of ruminants. In : D.C Chruch (Ed.). *Digestive Physiology and Nutrition of Ruminants. The Ruminant Animal. Prentice Hall Eglewood Cliifs*. New Jersey.
- Fauziah, Y, sunarti, Ita Fauzia Hanoum, Mae S.H.W. 2018. Ethanol Extract of *Tithonia diversifolia* (Hemsley) A Gray Standardized Ameliorates Hyperglycemia, Polyphagia, and Weight Loss in Diabetic Rats. *Molekul*. Vol 13 (1): 72-79.
- Flanagan A.M., J.L. Brown, C.A. Santiago, P.Y. Aad, L.J. Spicer, M.T. Spicer. 2008. High Fat Diets Promote Insulin Resistance Through Cytokine Gene Expression In Growing Female Rats. *J. Nutr. Biochem*. 19 (8) : 505–513
- Fouque.,D.and Laville. M. 2009. Low Protein Diets For Chronic Kidney Disease In Non Diabetic Adults. Published by John Wiley & Sons, Ltd. Cochrane Database of Systematic Reviews, Issue 3. No: CD001892.
- Ganong, W. F. 2008. *Buku Ajar Fisiologi Kedokteran Edisi 22*. EGC, Jakarta.
- Ghasemi A., S. Khalifi, S. Jedi. 2014. Streptozotocin-Nicotinamide-Induced Rat Model Of Type 2 Diabetes. *Acta Physiol. Hung*. 101 (4) : 408–420.
- Gheibi S., F. Bakhtiarzadeh, A. Ghasemi. 2016. A Review Of High Fat Diet Streptozotocin Model For Induction Of Type 2 Diabetes In Rat. *Iran. J. Endocrinol. Metab*. 18 (2) : 135–148.
- Giacco, F., dan Michael Brownlee. 2010. Oxidative Stress and Diabetic Complications. *Circulation Research*. Vol. 107(2010): 1058-1070.

- Graham ML, Janecek JL, Kittredge JA, Hering BJ, Schuurman HJ. 2011. The streptozotocin-induced diabetic nude mouse model: differences between animals from different sources. *Comp Med.* 61(4):356-360.
- Guyton, A.C., dan Hall, J.E. 2007. *Buku Ajar Fisiologi Kedokteran* Edisi 9. Jakarta, EGC
- Guyton, A.C., dan Hall, J.E. 2008. *Buku Ajar Fisiologi Kedokteran* Edisi 11. Jakarta, EGC
- Handajani, N.S. dan Dharmawan, R. 2009. Pengaruh VCO Terhadap Hitung Jenis Leukosit, Kadar Glukosa dan Kreatinin Darah *Mus musculus* Balb/c Hiperglikemi dan Tersensitisasi Ovalbumin. *Nusantara Bioscience* 1: 1-8
- Handoko L. 2005. Pengaruh Ekstrak Daun *Apium graveolens* terhadap Perubahan SGOT/SGPT Tikus Wistar Jantan yang Dipapar Karbon Tetraklorida. *Artikel Karya Tulis Ilmiah*. Semarang: Fakultas Kedokteran
- Hendromartono. Nefropati Diabetik. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. 2014. *Buku Ajar Ilmu Penyakit Dalam* Jilid II (6th ed). Jakarta: Interna Publishing: Pusat Penerbitan Ilmu Penyakit Dalam.
- Hor, S. Y., Mariam A., Elham F., Mun F. Y., Mohd A. H., Chung P. L. *et al.* 2012. Safety Assessment of Methanol Extract of Red Dragon Fruit (*Hylocereus polyrhizus*): Acute and Subchronic Toxicity Studies. *Regulatory Toxicology and Pharmacology*; 63(1): 106-114
- IDF. 2019. IDF Diabetes Atlas. 9th edition. Brussels: Internasional Diabetes Federation.
- Ighodaro, O.M. 2018. Molecular Pathways Associated with Oxidative Stress in Diabetes Mellitus. *Biomedicine & Pharmacotherapy*. Vol. 108(2018): 656-662.
- Ikeuchi, J., Yoshizaki, T., and Hirata, M. 1991. Plasma Biochemistry Values of Young Beagle Dogs. *J. Toxicol. Sci. Jpn.* 16: 133-162.
- Indah, Prastika, N., As, N. A. dan Santoso, H. 2017). Pengaruh Pemberian Subkronik Ekstrak Metanolik *Scurrula atropurpurea* (Bl) Dans Terhadap Kadar Kreatinin Tikus Wista. *Jurnal Ilmiah BIOSAIN TROPIS (BIOSCIENCE-TROPIC)*. 2(2): 42-48
- Jagtap, U.B, dan Bapat V.A. 2010. Artocarpus: A Review of Its Traditional Uses, Phytochemistry and Pharmacology. *Journal of Ethnopharmacology*. Vol. 129 (2010): 142-166.
- Jayanegara, A. 2008. Reducing methane emissions from livestock: nutritional approaches. *Proceedings of Indonesian Students Scientific Meeting (ISSM)*. Institute for Science and Technology Studies (ISTECS) European Chapter. Delft, the Netherlands: 18-21.
- Jouad, H., M.A. Lacaille-Dubois, B.Lyoussi, M. Eddouks. 2001. Effects of The Flavonoids Extracted from *Spergularia purpurea* Pers. on Arterial Blood Pressure and Renal Function in Normal and Hypertensive Rats. *Journal of Ethnopharmacology*. 72 (2) : 159-163
- Kamal A. 2014. Estimation of blood urea (BUN) and serum creatinin level in patients of renal disorder. *Ind J Fund Appl Life Sci*. Vol. 4(4): 199-202.
- Kemenkes RI. 2018. *Riset Kesehatan Dasar*; RISKESDAS. Jakarta: Balitbang Kemenkes RI.

- Kepler, A., Gretz, N., Schmidt, R., Kloetzer, H., Groene, H., Lelongt, B., ... Pill, J. 2007. Plasma creatinine determination in mice and rats : An enzymatic method compares favorably with a high-performance liquid chromatography assay. *Kidney International*, 71(1): 74–78
- Khan, Zahid I., Muhammad A. N., and Muhammad M. A. 2016. Nephroprotective and Antioxidant Effects of *Moringa oleifera* (Sohanjna) in Paracetamol Induced Nephrotoxic Albino Rabbits. *Pakistan Veterinary Journal*; 36(3)
- Kim, C., Park, S., dan Kim, J. 2017. The Role of Glycation in the Pathogenesis of Aging and Its Prevention Through Herbal Products and Physical Exercise. *Journal of Exercise Nutrition and Biochemistry*. Vol. 21 (3): 55 – 61.
- Krinke GJ. 2000. *The Handbook of Experimental Animals: The Laboratory Rat*. London: Academic Press.
- Kulsum, Umi. 2016. Uji Efek Antihiperqlikemia Ekstrak Etanol 95% Daun Kembang Bulan (*Thitonia diversifolia* (Hemsl.) A. Gray) terhadap Tikus Sprague-Dawley Jantan dengan Metode Induksi Aloksan Secara In Vivo. *Skripsi*. Fakultas Kedokteran dan Ilmu Kesehatan. UIN Syarif Hidayatullah: Jakarta.
- Lefever Kee. J. 2007. *Pedoman Pemeriksaan Laboratorium dan Diagnosis*, Edisi 6. Jakarta: EGC
- Lorraine, M. W dan Sylvia, A.P. 2002. *Pathophysiology: Clinical Concepts of Disease Processes*. edisi ke 6 Volume 2. Jakarta: Penerbit Buku Kedokteran EGC
- Lu F. 1995. Toksikologi Dasar, Asas, Organ Sasaran, dan Penelitian Risiko. Jakarta: UI Press
- Malole, M.B.M dan Pramono C.S.U. 1989. *Pengantar Hewan-hewan Percobaan di Laboratorium*. Bogor: Pusat Antara Universitas Bioteknologi IPB.
- Marchovechio, M. M.D., Scott T, Chiesa, Ph.D., Simon Bond, Ph.D., Denis Daneman, M.D., Sarah Dawson, M.Sc., et al. 2017. ACE Inhibitors and Statins In Adolescents with Type 1 Diabetes. *The New England Journal of Medicine*. Vol. 377(18): 1733-1745.
- Márcia, D.R.D., Cláudia, B.E., 2012. Leaf and stem microscopic identification of *Tithonia diversifolia* (Hemsl.) A. Gray (Asteraceae). *Brazilian Journal of Pharmaceutical Sciences* 48, 109–116.
- Marianne, Yuandani dan Rosnani. 2011. Antidiabetic Activity From Ethanol Extract of Kluwih's Leaf (*Artocarpus camansi*). *Jurnal Natural*. Vol. 11(2): 64-68.
- Martini, F., dan al, e. 2012. *Fundamentals of Anatomy & Physiology* (9 ed.). San Fransisco, Pearson Education.
- Mayasari, S. 2007. Pengaruh Pemberian Asetaminofen Berbagai Dosis terhadap Kadar Ureum dan Kreatinin Serum Tikus Wistar. *Artikel Ilmiah*. Fakultas Kedokteran. Universitas Diponegoro. Semarang
- Meyer DJ, Harvey JW. 2004. *Veterinary Laboratory Medicine : Interpretation and Diagnosis*. Philadelphia: Saunders
- Mohamed, I.K., Osama, M.A.F., Samiha, M.A.E.S., Zahrat, E.O.M.M. 2011. Biochemical Studies on *Plantago major L.* and *Tetragonoloba L.* *International Journal of Pharmaceutics*. 3 (3): 83-91
- Muhyi, Yopi D. N. Carolia, and Tjiptaningrum. 2014. Pengaruh Pemberian Ekstrak Kulit Manggis (*Garcinia Mangostana L.*) terhadap Kadar Ureum Dan



- Kreatinin Tikus Putih (*Rattus Norvegicus*) Jantan Galur Sprague Dawley Yang Di Induksi Isoniazid. *Majority*; 3(3)
- Nasution, B. 2006. *Gagal Ginjal dan Hemodialisa*. EGC, Jakarta.
- Natsir, T.A, Siswanta, D., dan Roto. 2014. Pengembangan Metode Analisis Kreatinin Secara Spektrofotometri Dengan Menggunakan Spektrofotometer UV-Visible. *BERKALA MIPA*. 24(1): 12-19.
- Newsholme, P., Vinicius F. C., Kevin N. K., Rodrigo C., dan Paulo Ivo H. De Bittencourt Jr. 2016. Molecular Mechanism of ROS Production and Oxidative Stress in Diabetes. *Biochemical journal*. Vol. 473(2016): 4527-4550.
- Nijveldt, R. J., E. van Nood, D.E.C. van Hoorn, P.G. Boelens, K. van Norren, P.A.M. van Leeuwen. 2001. Flavonoids: a review of probable mechanisms of action and potential applications. *American Journal of Clinical and Nutrition* 74: 418-425
- Ozturk Y., V.M. Altan, N. Yildizoglu-Ari. 1996. Effects Of Experimental Diabetes And In-sulin On Smooth Muscle Functions. *Pharmacol. Rev.* 48 (1) : 69–112.
- Papatheodorou K., Nikolaos Panans, Maciej Banach, Dimitrios Papazoglous, dan Michael Edmonds. 2016. Complications of Diabetes 2016. *Journal of Diabetes Research*. Vol. 2016: 1-3.
- Patra, A.K. & J. Saxena. 2009. The effect and mode of action of saponins on the microbial populations and fermentation in the rumen and ruminant production. *Nutrition Research Reviews*. 22: 204–219.
- Pearce, Evelyn. 2013. *Anatomi dan Fisiologi Untuk Para Medis*. Jakarta. PT Gramedia Pustaka Utama.
- Peng, K., Song-Yan Z., and Hong-Li Z.. 2016. Toxicological evaluation of the flavonoid-rich extract from *Maydis stigma*: Subchronic toxicity and genotoxicity studies in mice. *Journal of Ethnopharmacology*; 192: 161- 169
- Pradeep K.R, D. Sujatha, T.S Mohamed Saleem, Madhusudhana Chetty, D. Ranganayakulu. 2010. Potential Hypoglycemic & Hypoglycemic Effect of *Morus indica* and *Asystasia gangetica* In Alloxan Induced Diabetes Mellitus. *Pharmascope*. Vol. 1 (1): 51-56.
- Purnamasari, D. Diagnosis dan Klasifikasi Diabetes Melitus. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. 2014. *Buku Ajar Ilmu Penyakit Dalam* Jilid II (6th ed). Jakarta: Interna Publishing: Pusat Penerbitan Ilmu Penyakit Dalam.
- Reed M.J., K. Meszaros, L.J. Entes, M.D. Claypool, J.G. Pinkett, T.M. Gadbois, G.M. Reaven. 2000. A New Rat Model Of Type 2 Diabetes: The Fat-Fed, Streptozotocin-Treated Rat. *Metabolism*. 49 : 1390–1394.
- Rendy M Clevo, Margareth TH. 2012. *Asuhan Keperawatan Medikal Badah Penyakit Dalam*. Yogyakarta: Nuha Medika.
- Sampath C., M.R. Rashid, S. Sang, M. Ahmedna. 2017. Green Tea Epigallocatechin 3- Gallate Alleviates Hyperglycemia And Reduces Advanced Glycation End Products Via Nrf2 Pathway In Mice With High Fat Diet-Induced Obesity. *Biomed. Pharmacother.* 87 (2017) 73–81
- Santhi, D. 2017. Diktat Praktikum Kimia Klinik Glory® Diagnostics. Fakultas Kedokteran, Universitas Udayana.

- Sapoetro, T.S. 2018. Uji Potensi Daun Kipahit (*Tithonia diversifolia* A. Gray) Sebagai Insektisida Botani Terhadap Larva *Spodoptera litura* F. Di Laboratorium. *Skripsi*. Fakultas Pertanian. Universitas Lampung. Bandar Lampung.
- Sari, Ajeng D.K. 2017. Efek Antidiabetes Infusa Daun Paitan (*Tithonia diversifolia*) 8% Terhadap Tikus Putih Jantan Galur Wistar Terinduksi Streptozotocin. *Skripsi*. Fakultas Farmasi. Universitas Sanata Dharma: Yogyakarta.
- Sasmita, F.W, Eko Susetyarini, Husamah, dan Yuni P. 2017. Efek Ekstrak Daun Kembang Bulan (*Tithonia diversifolia*) terhadap Kadar Glukosa Darah Tikus Wistar (*Rattus norvegicus*) yang Diinduksi *Alloxan*. *Biosfera* Vol 34 (1): 22-31.
- Schnellmann, R.G., 2003. Toxic responses of the kidney. Di dalam: Klaassen, C.D. Watkins, J.B., ed. *Casarett & Doull's essentials of toxicology*. New York: McGraw-Hill, hal.208-19.
- Seely, J. C., Gordon C. Hard, Brad Blankenship. Kidney-Chapter 11. In: *Boorman's Pathology of the Rat* Edisi 2. 2018. Academic Press.
- Sengupta, P. 2011. The Laboratory Rat: Relating its Age with Human's. *International Journal of Preventive Medicine*. Vol. 4(6): 624–630
- Seth, P., Harpreet Kaur, Maneet Kaur. 2015. Clinical Profile of Diabetic Ketoacidosis: A Prospective Study in a Tertiary Care Hospital. *Journal of Clinical and Diagnostic Research*. Vol. 9(6): 1-4.
- Shah, A.P., Shenal B. Patel, Kirti V. Patel, Tejal R. Gandhi. 2014. Effect of *Citrus Medica* Linn. in Urolithiasis Induced by Ethylene Glycol Model. *Iranian Journal of Pharmacology & Therapeutics*, 13:35-39.
- Sharp P, Villano J. 2013. *The Laboratory Rat*. Second edition. Boca Raton: CRC Press.
- Shivaraj Gowda. 2010. Markers of Renal Function Tests. *North American Journal of Medical Sciences*. 2(4)
- Smith JB, Mangkoewidjojo S. 1998. *Pemeliharaan, Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis*. Jakarta: Universitas Indonesia Press.
- Soleh, T. 2015. Uji Efek Renal Repair Ekstrak Etanol 70% Akar Dan Batang Putri Malu (*Mimosa pudica*) Pada Tikus Putih Jantan Galur Wistar Yang Diinduksi. *Skripsi*. Fakultas Kedokteran, Universitas Muhammadiyah Surakarta, Surakarta
- Sondakh PLN. 2012. Gambaran Histopatologi Ginjal Tikus Wistar (*Rattus norvegicus*) yang Telah Diinduksi Gentamisin Terhadap Pemberian Jahe (*Zingiber officinale*) [Skripsi]. Manado: Fakultas Kedokteran Universitas Sam Ratulangi.
- Srinivasan K., B. Viswanad, L. Asrat, C.L. Kaul, P. Ramarao. 2005. Combination Of High- Fat Diet-Fed And Low-Dose Streptozotocin-Treated Rat: A Model For Type 2 Diabetes And Pharmacological Screening. *Pharmacol. Res.* 52 : 313–320
- Stevens LA, Levey, Coresh J, Greene T AS. 2006. Assessing kidney function-measured and estimated glomerular filtration rate. *National English Journal Med*: 354: 2473-83

- Suharyanto Toto dan Abdul Majid. 2013. *Asuhan Keperawatan Pada Klien dengan Gangguan Sistem Perkemihan*. Jakarta: CV. Trans Info Media. Gramedia Pustaka Utama.
- Sumarny R, Parodi D, Darmono. 2006. Pengaruh pemberian ekstrak kering rimpang temu putih (*Curcuma zedoria. Rosc.*) per oral terhadap beberapa parameter gangguan ginjal pada tikus putih jantan. *Majalah Farmasi Indonesia*. 17(1) : 19-24
- Suwitra K. Penyakit ginjal kronik. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. 2010. *Buku Ajar Ilmu Penyakit Dalam Jilid II* (5th ed). Jakarta: Interna Publishing: Pusat Penerbitan Ilmu Penyakit Dalam.
- Szkdelski T. 2012. Streptozotocin-Nicotinamide-Induced Diabetes In The Rat. Characteristics Of The Experimental Model. *Exp. Biol. Med. (Maywood)* 237 (5) : 481–490.
- Tiwari, B.K., Kanti B.P., A.B. Abidi, dan Syed Ibrahim R. 2013. Markers of Oxidative Stress during Diabetes Mellitus. *Journal of Biomarkers*. Vol. 2013: 1-8.
- Tortora, Gerard J., dan Derrickson, B. 2012. *Principles of Anatomy and Physiology* 13th Edition, New Jersey, Wiley.
- Toussaint N. Screening for early chronic kidney disease. 2012. *The CARI guidelines*. Australia: Saunder..
- Valentovic, M. A., Alejandro, N., Betts Carpenter, A., Brown, P. I., & Ramos, K. (2006). Streptozotocin (STZ) diabetes enhances benzo(alpha)pyrene induced renal injury in Sprague Dawley rats. *Toxicology Letters*, 164(3), 214–220.
- Verdiansah. 2016. Pemeriksaan Fungsi Ginjal. *Cermin Dunia Kedokteran*. Vol. 43(2): 148-154
- Wang, J. C., Zhao Y, dan Chen S.J. 2013. AOPPs induce MCP-1 Expression by Increasing ROS-Mediated Activation of The NF-kappaB Pathway In Rat Mesangial Cells: Inhibition by Sesquiterpene Lactones. *Cellular Physiology and Biochemistry*. Vol. 32 (6): 1867-1877.
- Wauntier, J., dan Schmidt, A. M. 2004. Protein Glycation A Firm Link to Endothelial Cell Dysfunction. *Circulation Research*. Vol. 95: 233 – 238.
- Weiner D, Mitch WE, Sands JM. 2015. Urea and ammonia metabolism and the control of renal nitrogen excretion. *Clin J Am Soc Nephrol*. Vol.10: 1444-1458.
- WHO. 2018. Global Report on Diabetes. France: World Health Organization.
- Wild, Sarah., Gojka Roglic, Anders Green, Richard Sicree, Hilary King. 2004. Global Prevalence of Diabetes: Estimates for The Year 2000 and Projections for 2030. *Diabetes Care*. Vol. 27: 1047-1053.
- Price, S. dan Wilson, L. 2016. *Patofisiologi: Konsep Klinis Proses-Proses Penyakit*. Edisi 9. Jakarta: Penerbit Kedokteran EGC
- Waji RA dan Sugrani A. 2009. *Flavonoid (quersetin)*. Makassar : Program Pascasarjana, Universitas Hasanuddin
- Wientarsih, I., R. Madyastuti, B. F. Prasetyo dan D. Firnanda. 2012. Gambaran Serum Ureum dan Kreatinin pada Tikus Putih yang Diberi Fraksi Etil Asetat Daun Alpukat. *Jurnal veteriner*; 13(1): 57-62

- Winarno, M. W. dan D. Sundari. 2010. Uji Toksisitas Sub Kronik Ekstrak Daun Kembang Sungsang (*Gloriosa super L*) terhadap Fungsi Ginjal Tikus Putih. *Buletin Penelitian Kesehatan* 38 (4): 186-191
- Winarsi, H., Sasongko, N. D., Purwanto, A., Arinton, I. G. and Nuraeni, I. 2012. In vitro antioxidant activity of the stem and leaves *Amomum cardamomum* extracts. *International Conference on Medicinal Plants*.
- Wolfensohn, S., dan Lloyd, M. 2013, *Handbook of Laboratory Animal Management and Welfare*, 4th ed., Wiley-Blackwell, West Sussex, 234.
- Xiao, F., Hu Y. G., Wu S. N., Shou Q. Y., Cai Y. Q, Wang H. M *et al.* 2015. Protective effect of astragalus saponin extracts on kidneys of diabetic rats. *China Journal of Chinese Materia Medica*; 40(10)
- Yadav, S. N. S. and Bhattacharya, A. B. 2018. Effect of Diabetes On Renal Function Parameters in Tertiary Care Hospital. 5(8): 81–85.
- Zhang, M. *et al.* 2008. The characterization of high-fat diet and multiple low-dose streptozotocin induced type 2 diabetes rat model. *Experimental diabetes research*.

