

DAFTAR PUSTAKA

- Afifah, A., Muflikhah, K., Lestari, T., Sutrisna, E., Kirana, A. & Prastiwi, S.D. 2020. The protective effect of celery (*Apium graveolens* L.) ethanol extract on anemia in 5/6 Subtotal Nefrektomi rat model. *Universa Medicina*, Vol 39(1): 12.
- Aisara, S., Azmi, S. & Yanni, M. 2018. Gambaran Klinis Penderita Penyakit Ginjal Kronik yang Menjalani Hemodialisis di RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*, Vol 7(1): 42.
- Alfaridz, F. & Amalia, R. 2015. Review Jurnal: Klasifikasi dan Aktivitas Farmakologi dari Senyawa Aktif Flavonoid. *Farmaka*, Vol 16(3): 1–9.
- Amdur, R.L., Feldman, H.I., Gupta, J., Yang, W., Kanetsky, P., Shlipak, M., Rahman, M., Lash, J.P., Townsend, R.R., Ojo, A. and Roy-Chaudhury, A., 2016. Inflammation and progression of CKD: the CRIC study. *Clinical journal of the American Society of Nephrology*, 11(9), pp.1546-1556.
- BPOM RI. 2010. Acuan Sediaan Herbal. Jakarta: Badan Pengawas Obat dan Makanan RI. Halaman 37-39.
- Briggs, J.D., 2001. Causes of death after renal transplantation. *Nephrology Dialysis Transplantation*, 16(8), pp.1545-1549.
- Chen, T.K., Knicely, D.H. & Grams, M.E. 2019. Chronic Kidney Disease Diagnosis and Management: A Review. *Journal of the American Medical Association*, Vol 322(13): 1294.
- Cuenca, J., Pérez, C.A., Aguirre, A.J., Schiattino, I. and Aguillón, J.C., 2001. Genetic polymorphism at position-308 in the promoter region of the tumor necrosis factor (TNF): implications of its allelic distribution on susceptibility or resistance to diseases in the Chilean population. *Biological Research*, 34(3-4), pp.237-241.
- Dad T, Weiner DE. 2015. *Stroke And Chronic Kidney Disease: Epidemiology, Pathogenesis, and Management Across Kidney Disease Stages*. Semin Nephrol. Elsevier;35(4):311–22.
- Daenen, K., Andries, A., Mekahli, D., Van Schepdael, A., Jouret, F. & Bammens, B. 2019. Oxidative stress in chronic kidney disease. *Pediatric Nephrology*, Vol 34(6): 975–991.
- Dahlan, M. 2015. *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan*. Salemba Medika, Jakarta.
- Dalimartha, S. (2000). *Atlas Tumbuhan Obat Indonesia Jilid II*. Jakarta: Trubus Agriwidya. Halaman 173.
- Danang, B.G. 2014. Hubungan Ekspresi Endothelin-1 dengan Glomerulosklerosis pada Model 5/6 Nefrektomi Subtotal di Mencit. *Skripsi*. Fakultas Kedokteran. Universitas GadjahMada. Yogyakarta. (Tidak dipublikasikan)

- Dewi, E.K.M., Walanda, D.K. & Sabang, S.M. 2017. Pengaruh Ekstrak Seledri (*Apium graveolens L.*) Terhadap Kelarutan Kalsium Dalam Batu Ginjal. *Jurnal Akademika Kimia*, Vol 5(3): 127.
- Ebaid, H., 2014. Promotion of immune and glycaemic functions in streptozotocin-induced diabetic rats treated with un-denatured camel milk whey proteins. *Nutrition & metabolism*, 11(1), pp.1-13.
- Erejuwa, O.O., Sulaiman, S.A., Wahab, M.S.A. 2012. "Honey: A Novel Antioxidant". *Molecules* 17. Pp. 4400-4423.
- Exma, Hikmah. 2018. *Pengaruh Ekstrak Etanol Herba Seledri (Apium Graveolens L.) Terhadap Ekspresi Tnf-A Plasenta, Kadar Sflt-1 Dan Diameter Lumen Arteri Spiralis Mencit Model Preeklampsia* (Doctoral dissertation, Universitas Airlangga).
- Faizal, N.F.A.B. & Iskandar, Y. 2018. Studi Kimia Dan Aktivitas Farmakologi Tanaman Seledri (*Apium Graviolens L.*). *Farmaka*, Vol 16(2): 28–32.
- Gava, A.L., F.P.S. Freitas, C.M. Balarini, E.C. Vasquez, S.S. Meyrelles. 2012. Effects of 5/6 Nephrectomy on Renal Function and Blood Pressure In Mice. *International Journal Physiology Pathophysiology Pharmacology*. Vol 4(3) : 167-173.
- Goodman G. 2008. *The Pharmacological basis and therapeutics*. Penerbit Buku Kedokteran EGC. Bandung.
- Gupta, S., Chiplunkar, S., Kim, C., Yel, L. and Gollapudi, S., 2003. Effect of age on molecular signaling of TNF- α -induced apoptosis in human lymphocytes. *Mechanisms of ageing and development*, 124(4), pp.503-509.
- Gupta, J., Mitra, N., Kanetsky, P.A., Devaney, J., Wing, M.R., Reilly, M., Shah, V.O., Balakrishnan, V.S., Guzman, N.J., Girndt, M. and Periera, B.G., 2012. Association between albuminuria, kidney function, and inflammatory biomarker profile in CKD in CRIC. *Clinical journal of the American Society of Nephrology*, 7(12), pp.1938-1946.
- Guyton, A. C., Hall, J. E., 2014. *Buku Ajar Fisiologi Kedokteran*. Edisi 12. Jakarta : EGC, 1022
- Hasan, H.2013.Efek Antiurisemia Ekstrak Teripang Pasir (*Holothuria scabra*) pada kelinci jantan (*Oryctolagus cuniculus*). *Jurnal Entropi*. Vol 8(1):481-487
- Haylor, J., Dencausse, A., Idee, J. M., & Morcos, S. K. (2009). CMR2009: 5.07: 5/6 subtotal nephrectomy: an animal model of nephrogenic systemic fibrosis in the rat. *Contrast Media & Molecular Imaging*, 4(6), 275-275.

- Hijazi, M.A. and Mouminah, H.H., 2017. Studies on effects of celery leaves on lipids profile and nephrotoxicity in rats induced by gentamicin. *Curr Sci Int*, 6(4), pp.711-722.
- Himmerich, H., Fischer, J., Bauer, K., Kirkby, K. C., Sack, U., & Krügel, U. 2013. Stress-induced cytokine changes in rats. *European cytokine network*, 24(2), 97-103.
- Hostetler G, R. K.-T. 2012. Flavone deglycosylation increases their anti-inflammatory activity and absorption. *Mol Nutr Food Res*, 56(4), 558-69.
- Jannah, H. 2016. Pengaruh Paranet Pada Suhu Dan Kelembaban Terhadap Pertumbuhan Tanaman Seledri (*Apium Graveolens L.*). *Jurnal Pendidikan Mandala*, Vol 1(1): 56–60.
- Kementrian Kesehatan RI. 2018. Riset Kesehatan Dasar 2018 (online). Diakses 11 Maret 2020.
- Kidney Disease: Improving Global Outcomes (KDIGO) Anemia Work Group. 2012. KDIGO Clinical Practice Guideline for Anemia in Chronic Kidney Disease. *Kidney International Supplements*. Vol 2(4) : 279–335.
- Kontogiorgis, C.A., Xu, Y., Hadjipavlou-Litina, D. & Luo, Y. 2007. Coumarin derivatives protection against ROS production in cellular models of A β toxicities. *Free Radical Research*, Vol 41(10): 1168–1180.
- Kooti, W. & Daraei, N. 2017. A Review of the Antioxidant Activity of Celery (*Apium graveolens L.*). *Journal of Evidence-Based Complementary & Alternative Medicine*, Vol 22(4): 1029–1034.
- Kumar, V., Abbas, A.K. and Aster, J.C., 2017. *Robbins basic pathology e-book*. Elsevier Health Sciences.
- Kumar, N. & Goel, N. 2019. Phenolic acids: Natural *versatile* molecules with promising therapeutic applications. *Biotechnology Reports*, Vol 24(1): 1– 10.
- Lai, J.J., Lai, K.P., Chuang, K.H., Chang, P., Yu, I.C., Lin, W.J. and Chang, C., 2009. Monocyte/macrophage androgen receptor suppresses cutaneous wound healing in mice by enhancing local TNF- α expression. *The Journal of clinical investigation*, 119(12), pp.3739-3751.
- Lee, B.T., Ahmed, F.A., Hamm, L.L., Teran, F.J., Chen, C.S., Liu, Y., Shah, K., Rifai, N., Batuman, V., Simon, E.E. and He, J., 2015. Association of C-reactive protein, tumor necrosis factor-alpha, and interleukin-6 with chronic kidney disease. *BMC nephrology*, 16(1), pp.1-6.
- Levey, A.S. and Coresh, J., 2012. Chronic kidney disease. *The lancet*, 379(9811), pp.165-180.

- Lixandru, D., Băcanu, E.V., Virgolici, B., Virgolici, H., Petruța, A., Băcanu, M.E., Gagniuc, P., Ionescu-Tîrgoviște, and Serafinceanu, C., 2015. Changes in the serum proinflammatory cytokines in patients with elevated homa-ir and type 2 diabetes mellitus. *Farmacia*, 63(1), pp.132-139.
- Matovinovi, M.S. 2009. Pathophysiology and Classification of Kidney Diseases. *The Journal of International Federation of Clinical Chemistry and Laboratory Medicine*, Vol 20(1): 2–11.
- Mutsaers, H.A.M., Stribos, E.G.D., Glorieux, G., Vanholder, R. & Olinga, P. 2015. Chronic Kidney Disease and Fibrosis: The Role of Uremic Retention Solutes. *Frontiers in Medicine*, Vol 2(60): 1–7.
- Muttaqin Arif, Sari Kumala. 2011. *Buku Ajar Asuhan Keperawatan Gangguan Sistem Perkemihan*. Jakarta: Salemba Medika.
- Muty Syahidah, F. & Sulistiyaningsih, Rr. 2018. Potensi Seledri (*Apium Graveolens*) Untuk Pengobatan: Review Article. *Suplemen*, Vol 16(1): 55–62.
- Moses, T., Papadopoulou, K.K. & Osbourn, A. 2014. Metabolic and functional diversity of saponins, biosynthetic intermediates and semi-synthetic derivatives. *Critical Reviews in Biochemistry and Molecular Biology*, Vol 49(6): 439–462.
- National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). 2017. "What Is Chronic Kidney Disease?". Retrieved 19 December 2017.
- Nurzaman, F., Djajadisastra, J. & Elya, B. 2018. Identifikasi Kandungan Saponin dalam Ekstrak Kamboja Merah (*Plumeria rubra* L.) dan Daya Surfaktan dalam Sediaan Kosmetik. *Jurnal Kefarmasian Indonesia* Vol 8 (2): 85–93.
- Ohashi, K., Iwatani, H., Kihara, S., Nakagawa, Y., Komura, N., Fujita, K., ... & Funahashi, T. 2007. Exacerbation of albuminuria and renal fibrosis in subtotal renal ablation model of adiponectin-knockout mice. *Arteriosclerosis, thrombosis, and vascular biology*, 27(9), 1910-1917.
- Okparavero, A., Foster, M.C., Tighiouart, H., Gudnason, V., Indridason, O. & Gudmundsdottir, H. 2016. Prevalence and complications of chronic kidney disease in a representative elderly population in Iceland. *Nephrology Dialysis Transplantation*. Vol 31(1): 447–454.
- Price, S.A., Wilson, L.M. 2005. *Patofisiologi Konsep Klinis Proses-Proses Penyakit Edisi 6*. Jakarta: EGC
- Reynaldi, G. N., Arfian, N., Romi, M. M. 2018. Pengaruh pemberian vitamin D terhadap cedera tubulus, kadar kreatinin serum dan ekspresi mRNA interleukin 6 pada tikus sprague dawley dengan nefrektomi 5/6 subtotal. *Skripsi*. Sleman : Universitas Gadjah Mada

- Ridker, P.M., Rifai, N., Pfeffer, M., Sacks, F., Lepage, S. and Braunwald, E., 2000. Elevation of tumor necrosis factor- α and increased risk of recurrent coronary events after myocardial infarction. *Circulation*, 101(18), pp.2149-2153.
- Robbins, S.L., Kumar, V, dan Cotran, R.S. 2007. *Buku Ajar Patologi*. Jakarta: Penerbit Buku Kedokteran.
- Rolim, F.I., Maria LHL., Giselle A. & Ricardo FS. 2014. Survival of Hemodialysis Patients at A University Hospital. *J Bras Nefrol* 2015, 37(1): 64-71. Brazil: University of Maranhao (UFMA).
- Sampaio, E.P., A.L. Moreira, E.N. Sarno, A.M. Malta, and G. Kaplan. 1992. Prolonged Treatment With Recombinant Interferon α Induces Erythema Nodosum Leprosum in Lepromatous Leprosy Patients. *J. Extx Med.* 175:1729.
- Sangeetha, S.K., Umamaheswari, S., Reddy, M., Kalkura, N.S., 2016. Flavonoids Therapeutic Potential of Natural 9 Pharmacological Agents. *International Journal of Pharmacy and Pharmaceutical Science*. Vol 7(1):3924–3930.
- Saputra, O. & Fitria, T. 2016. Khasiat Daun Seledri (*Apium graveolens*) Terhadap Tekanan Darah Tinggi Pada Pasien Hiperkolestroleミア. *Majority*, Vol 5(2): 120–125.
- Sastroasmoro, S. dan Ismael, S. 2011. *Dasar – dasar Metodologi Penelitian Klinis*. Binarupa Aksara, Jakarta.
- Schnuelle, P., Lorenz, D., Trede, M. and Van Der Woude, F.J., 1998. Impact of renal cadaveric transplantation on survival in end-stage renal failure: evidence. *Journal of the American Society of Nephrology*, 9(11), pp.2135-2141.
- Siagian, R.C., Achadi, A., Thabrany, H., Ayuningtyas, D., Soewondo, P., Hastono, S.P., Junadi, P., Bachtiar, N.S. and Usia, T., 2020. A policy-making strategy to forecast outcomes of drug development in Indonesia. *International Journal of Health Governance*.
- Soedibyo, M., Dalimartha, S. 1998. *Perawatan Rambut dengan Tumbuhan Obat dan Diet Suplemen*. Jakarta :Swada
- Soeroso A. 2007. Sitokin. *Oftalmologi Indonesia*.5:171-80.
- Song, N., Thaiss, F., & Guo, L. (2019). NF κ B and kidney injury. *Frontiers in immunology*, 10, 815.
- Sowbhagya, H.B. 2014. Chemistry, Technology, and Nutraceutical Functions of Celery (*Apium graveolens* L.): An Overview. *Critical Reviews in Food Science and Nutrition*, Vol 54(3): 389–398.

- Stevens, P.E. 2013. Evaluation and Management of Chronic Kidney Disease: Synopsis of the Kidney Disease: Improving Global Outcomes 2012 Clinical Practice Guideline. *Annals of Internal Medicine*, Vol 158(11): 825.
- Sundaram M, Nagarajan SP, Devi SM, Jagdeeshwaran A. Chronic kidney Disease - effect of oxidative stress. *Chinese J Biol.* 2014;2014(1):1–6.
- Sylvia, A. and Lorraine, M.W., 2006. *Patofisiologi konsep klinis proses-proses penyakit. Edisi, 4*, pp.528-556.
- Thomas, R., Kalso, A. & Sedor, J.R. 2008. Chronic Kidney Disease and Its Complications. *Primary Care: Clinics in Office Practice*, Vol 35(2): 329–344.
- Tyagi, S., Patel C., Mangukia D., Mangukia I., Anil K., Mohammed R M U., Bhupendra N., Raaz K M. 2013. Medical Benefits of *Apium Graveolens L* (Celery Herb). *Journal of Drug Discovery and Therapeutics*. Vol 1 (5):36-38
- Vargesson, N., 2015. Thalidomide-induced teratogenesis: History and mechanisms. *Birth Defects Research Part C: Embryo Today: Reviews*, 105(2), pp.140-156.
- Viljoen, N. Mncwangi & I. Vermaak. 2012. Anti-Inflammatory Iridoids of Botanical Origin. *Current Medicinal Chemistry*, Vol 19(14): 2104–2127.
- Wallace, J.L. and Vong, L., 2008. NSAID-induced gastrointestinal damage and the design of GI-sparing NSAIDs. *Curr Opin Investig Drugs*, 9(11), pp.1151-1156.
- Wang, C., Gong, X., Bo, A., Zhang, L., Zhang, M., Zang, E., Zhang, C. & Li, M. 2020. Iridoids: Research Advances in Their Phytochemistry, Biological Activities, and Pharmacokinetics. *Molecules*, Vol 25(2): 1–24.
- Weiner, D.E., Tighiouart, H., Elsayed, E.F., Griffith, J.L., Salem, D.N., Levey, A.S. and Sarnak, M.J., 2008. Inflammation and cardiovascular events in individuals with and without chronic kidney disease. *Kidney international*, 73(12), pp.1406-1412.
- Wresdiyati, T., Astawan, M. and Adnyane, I.K.M., 2003. Aktivitas anti inflamasi oleoresin jahe (*Zingiber officinale*) pada ginjal tikus yang mengalami perlakuan stres. *Jurnal teknologi dan industri pangan*, 14(2), pp.113-120.
- Yamagata, K., Miyashita, A., Chino, M. & Matsufuji, H., 2011, ‘Apigenin inhibits tumor necrosis factor alpha plus high glucose-induced LOX-1 expression in human endothelial cells’, *Microvasc. Res.* 81, 60–67
- Yang, W.S., Ko, J., Kim, E., Kim, J.H., Park, J.G., Sung, N.Y., Kim, H.G., Yang, S., Rho, H.S., Hong, Y.D. and Shin, S.S., 2014. 21-O-angeloyltheasapogenol E3, a novel triterpenoid saponin *Mediators of Inflammation*, 2014.

- Yaser AJ, Muneer A, Abdelhafid B, Fawzia A. Chemical composition, phytochemical constituents and antioxidant activities of the seeds extract of *Apium graveoleus* L Res *J Pharm Biol Chem Sci* 2014;5:1074–87. doi: 0.7897/2230-8407.04915.
- Yu, Y., Wan, Y. and Huang, C., 2009. The Biological Functions of NF- κ B1 (p. *Current cancer drug targets*, 9(4), pp.566-571.
- Yusni, Y. and Puteh, I., 2014. Kajian Kemampuan Seledri (*Apium graveolens* Linn.) Sebagai Herbal Antistres Pada Tikus Wistar (*Rattus norvegicus*). *Jurnal Kedokteran Hewan-Indonesian Journal of Veterinary Sciences*, 8(2).
- Zhang, Y. & A.R. Kompa. 2014. A Practical Guide to Subtotal Nephrectomy in The Rat with Subsequent Methodology for Assessing Renal and Cardiac Function. *Asian Pacific Society of Nephrology*. Vol 19 (2) : 552-561.
- Zuo, T., Zhu, M., Xu, W., Wang, Z., Song, H. 2017. Iridoids with Genipin Stem Nucleus Inhibit Lipopolysaccharide-Induced Inflammation and Oxidative Stress by Blocking the NF- κ B Pathway in Polycystic Ovary Syndrome. *Cellular Physiology and Biochemistry*. 43:1855-1865.

