

DAFTAR PUSTAKA

- Afifah, A., Muflikhah, K., Ati, V.R.B., Tsani, R.M., Khasanah, D. & Maulana, W. 2019. Protective Effect of Ethanol Extract of Celery (*Apium graveolens L*) on Kidney Damage in Ischemia/ Reperfusion Injury Rats Model. *Molekul.* Vol 14(1): 11–17.
- 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 nephrectomy 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.
- Al-Asmari, A., Athar, Md.T. & Kadasah, S. 2017. An updated phytopharmacological review on medicinal plant of arab region: *Apium graveolens* Linn. *Pharmacognosy Reviews.* Vol 11(21): 13.
- Alfaridz, F. & Amalia, R. 2015. Review Jurnal : Klasifikasi Dan Aktivitas Farmakologi Dari Senyawa Aktif Flavonoid Faizal. *Farmaka.* Vol 16(3): 1–9.
- Arief, H. & Widodo, M.A. 2018. Peranan Stres Oksidatif pada Proses Penyembuhan Luka. *Jurnal Ilmiah Kedokteran Wijaya Kusuma.* Vol 5(2): 22-29.
- Bilgen, F., Ural, A., Kurutas, E.B. & Bekerecioglu, M. 2019. The effect of oxidative stress and Raftlin levels on wound healing. *International Wound Journal.* Vol 1(1): 1–7.
- Brennan, M.P., Sinusas, A.J., Horvath, T.L., Collins, J.G. & Harding, M.J. 2009. Correlation between body weight changes and postoperative pain in rats treated with meloxicam or buprenorphine. *Lab Animal.* Vol 38(3): 87–93.
- Brodowska ,K.M., 2017. Natural flavonoids classification, potential role, and application of flavonoid analogues. *Europa Journal of Biological Research.* Vol 7 (1):108–123.
- 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.
- Charan, J. & Kantharnia, N., 2013. How to Calculate Sample Size In Animal Studies. *Journal of pharmacology & pharmacotherapeutics.* Vol. 4(4): 303-306.

- Chen, T.K., Knicely, D.H. & Grams, M.E. 2019. Chronic Kidney Disease Diagnosis and Management: A Review. *Journal of American Medical Association*. Vol 322(13): 1294.
- Claramunt, D., Gil-Peña, H., Fuente, R., Hernández-Frías, O. & Santos, F. 2015. Animal models of pediatric chronic kidney disease. Is adenine intake an appropriate model. *Nefrología*. Vol 35(6): 517–522.
- 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
- Danang, B.G. 2014. Hubungan Ekspresi Endothelin-1 dengan Glomerulosklerosis pada Model 5/6 Nefrektomi Subtotal di Mencit. Skripsi. Fakultas Kedokteran. Universitas Gadjah Mada. 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.
- Faizal, N.F.A.B. & Iskandar, Y. 2018. Studi Kimia Dan Aktivitas Farmakologi Tanaman Seledri (*Apium Gravolens L.*). *Farmaka*. Vol 16(2): 28–32.
- Fitzmaurice, S.D., Sivamani, R.K. & Isseroff, R.R. 2011. Antioxidant Therapies for Wound Healing: A Clinical Guide to Currently Commercially Available Products. *Skin Pharmacology and Physiology*. Vol 24(3): 113–126.
- Gava, A.L., Freitas, F.P., Balarini, C.M., Vasquez, E.C. & Meyrelles, S.S. 2012. Effects of 5/6 nephrectomy on renal function and blood pressure in mice. *International Journal of Physiology Pathophysiology Pharmacology*. Vol 4(3): 167–173.
- Hasan, H. 2013. Efek Antiurisemia Ekstrak Teripang Pasir (*Holothuria scabra*) pada kelinci jantan (*Oryctolagus cuniculus*). *Jurnal Entropi*. Vol 8(1):481-487
- Jannah, H. 2016. Pengaruh Paracetamol Pada Suhu Dan Kelembaban Terhadap. *Jurnal Pendidikan Mandala*. Vol 1(1): 56–60.
- Kementrian Kesehatan RI. 2018. Riset Kesehatan Dasar 2018 (online). Diakses 11 Maret 2020.
- Khaira, K. 2010. Menangkal Radikal Bebas dengan Antioksidan. *Jurnal Saintek*. Vol 11(2): 183–187.

- Khan, Y.H., Sarriff, A., Adnan, A.S., Khan, A.H. & Mallhi, T.H. 2016. Chronic Kidney Disease, Fluid Overload and Diuretics: A Complicated Triangle J. A. Joles, ed. *Public Library Of Science ONE* Vol 11(7): 1–13.
- 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, N. & Goel, N. 2019. Phenolic acids: Natural versatile molecules with promising therapeutic applications. *Biotechnology Reports*. Vol 24(1): 1–10.
- Lévigne, D., Modarressi, A., Pepper, M. & Pittet-Cuénod, B. 2017. Reactive Oxygen Species and NOX Enzymes Are Emerging as Key Players in Cutaneous Wound Repair. *International Journal of Molecular Sciences*. Vol 18(10): 2149.
- Li, P., Jia, J., Zhang, D., Xie, J., Xu, X. & Wei, D. 2014. In vitro and in vivo antioxidant activities of a flavonoid isolated from celery (*Apium graveolens L. var. dulce*). *Food Function*. Vol 5(1): 50–56.
- Liu, R.-M. & Desai, L.P. 2015. Reciprocal regulation of TGF- β and reactive oxygen species: A perverse cycle for fibrosis. *Redox Biology*. Vol 6(1): 565–577.
- Mailafiya, M.M., Abubakar, K., Chiroma, S.M., Danmaigoro, A., Rahim, E.B.A., Mohd Moklas, M.A. & Zakaria, Z.A.B. 2020. Curcumin-loaded cockle shell-derived calcium carbonate nanoparticles: A novel strategy for the treatment of lead-induced hepato-renal toxicity in rats. *Saudi Journal of Biological Sciences*. Vol 27(6): 1538–1552.
- 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.
- Maulana, W. 2018. Efek Pemberian Ekstrak Etanol Seledri (*Apium graveolens L.*) Terhadap Kadar Superoxide Dismutase pada Tikus Putih (Sprague dawley) Model Acute Kidney Injury (AKI), skripsi, Fakultas Kedokteran. Jenderal Soedirman. Purwokerto (Tidak dipublikasikan)

- Mierziak ,J., Kostyn, K., Kulma, A., 2014. Flavonoids As Important Molecules of Plant Interactions With the Environment.*Molecular Basel Switz.* Vol 1(9):162–166.
- 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.
- 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.
- Muty, Syahidah F. & Sulistiyaningsih, Rr. 2018. Potensi Seledri (*Apium Graveolens*) Untuk Pengobatan: Review Article. *Suplemen.* Vol 16(1): 55–62.
- 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.
- 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.
- Panche ,A.N., Diwan, A.D., Chandra, S.R.2016. Flavonoids: an overview. *Journal of Nutritional Science.* Vol 5(4):17-23
- Patel, S., Maheshwari, A. & Chandra, A. 2016. Biomarkers for wound healing and their evaluation. *Journal of Wound Care.* Vol 25(1): 46–55.
- PERNEFRI (Perhimpunan Nefrologi Indonesia). 2015. *8th Report of Indonesian Renal Registry* (online). Diakses 11 Maret 2020
- Pizzino, G., Irrera, N., Cucinotta, M., Pallio, G., Mannino, F., Arcoraci, V., Squadrato, F., Altavilla, D. & Bitto, A. 2017. Oxidative Stress: Harms and Benefits for Human Health. *Oxidative Medicine and Cellular Longevity.* Vol 2017 (1): 1–13.
- Price, S.A., Wilson, L.M. 2005. Patofisiologi Konsep Klinis Proses-Proses Penyakit Edisi 6. Jakarta: EGC
- Saputra, O. & Fitria, T. 2016. Khasiat Daun Seledri (*Apium graveolens*) Terhadap Tekanan Darah Tinggi Pada Pasien Hipercolesterolemia. *Majority.* Vol 5(2): 120–125.
- 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.

- Seifirad, S., Ghaffari, A. & Amoli, M.M. 2014. The Antioxidants Dilemma: Are They Potentially Immunosuppressants and Carcinogens?. *Frontiers in Physiology*. Vol.5(245): 1–5.
- Silva, C.E. da, Repka, J.C.D., Souza, C.J.F. de & Matias, J.E.F. 2018. Effects Of Renal Dysfunction On Healing Of Colonic Anastomosis: Experimental Study In Wistar Rats. *Abcd. Arquivos Brasileiros de Cirurgia Digestiva (São Paulo)* . Vol 31(4):1-5
- 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*, 158(11): 825.
- Sukketsiri, W., Chonpathompikunlert, P., Tanasawet, S., Choosri, N. & Wongtawatchai, T. 2016. Effects of *Apium graveolens* Extract on the Oxidative Stress in the Liver of Adjuvant-Induced Arthritic Rats. *Preventive Nutrition and Food Science*. Vol 21(2): 79–84.
- Suwira, K. 2009. *Buku Ajar Ilmu Penyakit Dalam*. Pusat Penerbitan Ilmu Penyakit Dalam Diponegoro, Jakarta.
- Thomas, R., Kanso, A. & Sedor, J.R. 2008. Chronic Kidney Disease and Its Complications. *Primary Care: Clinics in Office Practice*, 35(2): 329–344.
- Tsai, W.-C., Wu, H.-Y., Peng, Y.-S., Ko, M.-J., Wu, M.-S., Hung, K.-Y., Wu, K.-D., Chu, T.-S. & Chien, K.-L. 2016. Risk Factors for Development and Progression of Chronic Kidney Disease: A Systematic Review and Exploratory Meta-Analysis. *Medicine*. Vol 95(11): e3013.
- 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
- Verma, A.K., Rajkumar, V., Banerjee, R., Biswas, S. & Das, A.K. 2013. Guava (*Psidium guajava L.*) Powder as an Antioxidant Dietary Fibre in Sheep Meat Nuggets. *Asian-Australasian Journal of Animal Sciences*. Vol 26(6): 886–895.
- Viljoen, N. Mncwangi & I. Vermaak. 2012. Anti-Inflammatory Iridoids of Botanical Origin. *Current Medicinal Chemistry*. Vol 19(14): 2104–2127.
- 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.

- Wang, Y., Branicky, R., Noë, A. & Hekimi, S. 2018. Superoxide dismutases: Dual roles in controlling ROS damage and regulating ROS signaling. *Journal of Cell Biology*. Vol 217(6): 1915–1928.
- Yadav, Anuj, Kumari, R., Yadav, Ashwani, Mishra, J.P., Srivatva, S. & Prabha, S. 2016. Antioxidants and its functions in human body - A Review. *Research Environmental and Life Science*. Vol 9(11): 1328–1331.
- Yang, H.-C., Zuo, Y. & Fogo, A.B. 2010. Models of chronic kidney disease. *Drug Discovery Today: Disease Models*. Vol 7(1–2): 13–19.
- Younus, H. 2018. Therapeutic potentials of superoxide dismutase. *International Journal of Health Sciences*. Vol 12(3): 6.
- 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*. 19 : 552-561.

