

## REFERENCES

- Aboyade, O.M., M.T. Yakubu, D.S. Grierson and A.J. Afolayan. 2009. Studies on The Toxicological Effect of The Aqueous Extract of The Fresh, Dried and Boiled Berries of *Solanum aculeastrum* in Male Wistar Rats. *J. Hum. Exp Tox* 28: 765–775.
- Aggarwal, P. and A. Goel. 2007. Pesticide Poisoning. *J. Nat Med India*. 20: 182–91.
- Agoes, A. 2010. *Tanaman Obat Indonesia*. Salemba Medika. Jakarta. 45.
- Ahsan, A.A. 2000. Ubat Tradisional Turut Rosakkan Buah Pinggang (Traditional Medicines Cause Kidney Damage). *J. Phys Renal*. 12: 16
- Azizi, C. Y., Z. Salman, N. A. Nik Norulain, and A. K. Mohd Omar. 2008. Extraction and identification of compounds from *Parkia speciosa* seeds by super critical carbondioxide. *J. Chem Nat* . 2: 153–163.
- Bhardwaj, P., Jaykaran, N. Kantharia, P. Yaday, and A. Panwar. 2009. Acute Toxicity Study of An Aqueous Extract of *Ficus racemosa* Linn. Bark in Albino Mice. *The Int. J. Tox*. 6: 11.
- Badan Pusat Statistik Jawa Barat. 2015. *Jawa Barat dalam Angka*. Central Bureau Statistics. Jakarta.
- Badan Pusat Statistik Indonesia. 2015. *Statistik Tanaman Buah Buahan dan Sayuran Tahunan*. Central Bureau Statistics. Jakarta.
- Banach, K., Bojarska E. and Kaziemierczuk, Z. 2005. Kinetic model of oxidation catalyzed by canthin oxidase- the final enzyme in degradation of purine nucleosides and nucleotides. *J. Nucl acids*. 20: 465-469
- Bunawan, H., L. Dusik, S.N. Bunawan and N.M. Amin. 2013. Botany, traditional uses, phytochemistry and Pharmacology of *Archidendron jiringa*: A Review Global. *J. Pharm*. 7: 474–478.
- Bunawan, N.C., A. Rastegar, K.P. White and N.E. Wang. 2014. Djengkolism: case report and literature review. *J. Int Med*. 7: 79–84.
- Cahyono, J.B and B. Suharjo. 2009. *Hepatitis A*. Edisi 1. Kanisius. Yogyakarta. 546.
- Candra, R.A. 2012. *Isolasi dan Uji Aktivitas Antioksidan Senyawa Alkaloid dari Ekstrak Daun Phoebe declinata Nees*. [Skripsi]. Depok: Universitas Indonesia.

- Christopher, E. and Ernest A. 2014. Abnormal serum uric acid levels in health and disease: A double-edged sword. *J. Int Med.* 2: 12.
- Cockroft, D. W. 2006. Prediction of creatinine clearance from serum creatinine. *J. Nephron*
- Cunny, H and E. Hodgson. Toxicity Testing. In: Hodgson E. (Ed). *A Test Book on Modern Toxicology*. 3<sup>rd</sup>. ed. A John Wiley and Sons. Inc. Publication. 353- 384.
- David, D. and L. Barhoumi. 2013. Toxicity of Superparamagnetic Iron Oxide Nanoparticles on Green *Alga Chlorella Vulgaris*. *J. Bio. Med Int.* 25: 11.
- Dalbeth, N. and So A. 2010. Hyperuricemia and gout: state of the art and future perspectives. *J. Rheum Dis.* 69: 1738–1743.
- Direktorat Jenderal Holtikultura. 2015. Statistik Produksi Holtikultura 2014. Kementerian Pertanian. Jakarta.
- Ejaz, A. A., Mu W., Kang D. H, Roncal C., Sautin Y. Y. and Henderson G. Could uric acid have a role in acute renal failure?. *J. Am Soc of Nep.* 2: 16-19
- Elysa. 2011. Uji Efek Ekstrak Etanol Biji Jengkol (*Pithecellobium lobatum* Benth.) terhadap Penurunan Kadar Glukosa Darah Tikus Putih Jantan Galur Wistar Yang Diinduksi Aloksan [Skripsi]. Medan: Universitas Sumatera Utara. p. 18.
- Eroschenko, VP. 2010. Atlas Histologi di Fiore. Edisi ke-11. Jakarta.
- Felix, D'Mello. 2003. Amino Acids in Animal Nutrition. CABI. Cambridge. 28-44.
- Ferguson, M. A., Vaidya V. S. and Bonventre J. V. 2008. Biomarkers of nephrotoxic acute kidney injury. *J. Tox.* 245: 182–193.
- Gmelin, R., R. Susilo and G. R. Fenwic. 2001. Cyclicpoly sulphides from *Parkia speciosa*.
- Hamid, I.S., DK. Meles, S.A. Sudjarwo, R. Kurnijasanti. 2017. Farmakoterapi Toksikologi Veteriner. Surabaya: Duta Persada Press. 2.
- Hendriani, R. 2007. Uji Toksisitas Subkronis Kombinasi Ekstrak Etanol Buah Mengkudu (*Morinda citrifolia* linn.) dan Rimpang Jahe Gajah (*Zingiber officinale rocs.*) pada Tikus Wistar. *Karya ilmiah yang tidak di publikasikan*. [Skripsi]. Fakultas Farmasi. Universitas Padjajaran.p. 47.
- Hosomi, A., Nakanishi. T., Fujita T. and Tamal I. 2012. Extrarenal elimination of uric acid via intestinal efflux transporter BLRP/ABCG2.

- Hussin, M., A. A. Hamid, S. Mohamad, N. Saan, M. Ismail and M.H. Bejo. 2007. Protective Effect of *Centella asiatica* Extract and Powder on Oxidative Stress in Rats. *J. Chem.* 100: 535–541.
- Irawan, E.D., L.O. Lusiana Oktora, S. Untari. 2005. Uji Toksisitas Akut dari Ekstrak Etanol Herbasereh (*Andropogon citratus* D.C) pada Mencit Putih sebagai Bahan Pembelajaran Toksikologi.
- Jamaludin, F. and S. Mohamed. 2013. Hypoglycemic Effect of Extracts of Petai Papan (*Parkia speciosa* Hassk.). *Pertanika J. Trop Agri Sci.* 16: 161-165.
- Jaykaran, P. Bhardwaj, N. Kantharia, P. Yadav and A. Panwar. 2009. Acute Toxicity Study of An Aqueous Extract of *Ficus racemosa* Linn. Bark in Albino Mice. *The Internet J. Tox.* 6: 12.
- Johnson, R. J, Segal M. S., Srinivas T. R., Ejaz A., Mu W. and Roncal C. Essential hypertension, progressive renal disease and uric acid: a pathogenetic link. *J. Am Soc Nep.* 16: 16-19.
- Junqueira, L.C., J. Carneiro and R.O. Kelley. 2012. *Histologi Dasar*. Edisi ke-5. Tambayang J., penerjemah. Terjemahan dari *Basic Histology*. Jakarta: EGC.
- Kamisah, Y., O. Faizah, M.S. Qodriyah and J. Kamsiah. 2013. *Parkia speciosa* Hassk.: A Potential Phytomedicine. Universitas Malaysia.
- Kanbara, A., Miura, Y., Hyogo, H., Chayama, K. and Seyama I. 2012. Effect of urine pH changed by dietary intervention on uric acid clearance mechanism of pH-dependent excretion of urinary uric acid. *J. Nut.* 11: 39.
- Kang, D. H. 2002. A role for uric acid in the progression of renal disease. *J Am Soc Nep.* 13: 88-97.
- Kasno and A. Prasetyo. 2005. *Patologi Rongga Mulut dan Traktus Gastrointestinal*. Badan Penerbit Semarang : Universitas Diponegoro. 66-67.
- Kee, J.L. 2008. *Pedoman Pemeriksaan Laboratorium dan Diagnostik*. Jakarta: EGC. 15-16.
- Kiebzak, G.M., R. Smith, C.C. Gunndberg, J.C. Howe and B. Sacktor, 1988. Bone status of senescent male rats: chemical, morphometric, and mechanical analyses. *J. Bone Miner.* 6: 22-24.

- Klassen, C.S. 2008. Principle of Toxicology and Treatment of Poisoning. In: Parker BK, Blumenthal D, Buxton L (eds.). Goodman and Gilman's; manual of pharmacology and therapeutics. McGraw Hill. 1115-1119.
- Kusriningrum. 2008, Buku Ajar Perancangan Percobaan. Fakultas Kedokteran Hewan Universitas Airlangga. Surabaya. 234.
- Kusumawati, D. 2004. Bersahabat dengan Hewan Coba. Gajah Mada Press. Yogyakarta. 96.
- Kumar, V., R.S. Cotran and S.L. Robbins. 2007. Hati dan Saluran Empedu. Dalam: Buku Ajar Patologi Edisi ke-7. Jakarta. 2: 663-5.
- Leary, S., W. Underwood, R. Anthony, S. Cartner, D. Corey, T. Grandin T. 2013. AVMA Guidelines for Euthanasia of Animal. 30-48.
- Lengkong, Earvin M., J.R. Leke, L. Tangkau and S. Sane. 2015. Substitusi Sebagian Ransum dengan Biji Petai (*Parkia speciosa* Hassk.). J. Zoo Tek. 35: 247-257.
- Lu, F.C. 2010. Toksikologi Dasar. Jakarta: UI Press. 42-43.
- Maisuthisakul P., S. Pasuk and P. Ritthiruangdej. 2008. Relationship between antioxidant properties and chemical composition of some Thai plants. J. Bio Chem 21: 229-240.
- Maulida, A., S. Ilyas and H. Salomo, 2013. Pengaruh Pemberian Vitamin C dan E terhadap Gambaran Histologis Hepar Mencit (*Mus musculus* L.) yang dipanjanakan Monosodium Glutamat (MSG). J. Saintia Bio. 1: 15-20.
- Maylani, Yohana. 2017. Pengaruh berbagai asupan biji-bijian terhadap kadar asam urat tikus jantan (*Rattus novergicus*).
- Mazzali, M. 2002. Hyperuricemia induces a primary renal arteriopathy in rats by a blood pressure independent mechanism. J. Phys Ren. 6: 991.
- Melanie, P. H, and Mark L. Z. 2014. Homeostasis, the Milieu Intérieur, and the Wisdom of the Nephron. J. Am Soc Nep. 6: 8-10
- Miean, K. H. and S. Mohamed. 2001. Flavonoid (myricetin, uercetin, kaempferol, luteolin and apigenin) content of edible tropical plants. J. Agri Food Chem. 49: 3106–3112.
- Monosson, E. 2013. Toxicity Testing Methods; Encyclopedia of Earth Topics. <http://www.eoearth.org/view/article/1566.73/>. [8 August 2018]
- Moreau R. and D. Lebrech. 2003. Acute Renal Failure in Patients with Cirrhosis: Perspectives in the age of MELD. J. Phys Ren. 37: 233-43.

- Mount, D. B., Kwon C. Y and Ziandi N. J. 2006. Renal urate transport. In: *Rheumatic Disease Clinic of North America*. p. 212-331
- Muntiha, M., 2001, Teknik Pembuatan Preparat Histopatologi dari Jaringan Hewan dengan Pewarnaan Hematoksilin dan Eosin. *Temu Teknis Non Peneliti*. 156-163.
- Musser, G., G. Amori, R. Hutterer, B. Kryštufek, N. Yigit N and G. Mitsain. 2008. *Mus musculus*. IUCN Red List of Threatened Species version International Union for Conservation of Nature. 153-154.
- Myers, P. and D. Armitage. 2004. “*Rattus norvegicus*”, Animal Diversity Web. [http://animaldiversity.ummz.umich.edu/site/accounts/information/Rattus\\_norvegicus.html.warren](http://animaldiversity.ummz.umich.edu/site/accounts/information/Rattus_norvegicus.html.warren). [20 August 2018]
- Naughton, C. A. Drug-induced nephrotoxicity. 2008. *J. Am. Fam. Physician*. 78: 743–750.
- Netter, F.H. 2011. *Atlas of Human Anatomy Edisi ke-5*. Saunders Elsevier. Philadelphia.
- Nursucihta, S., H.A. Thai'in, D.M Putri, D.N.Utami, A.P. Ghani. 2014. Antianemia Activity of *Parkia speciosa* Hassk. Seed Ethanolic Extract. *J. Trad Med*. 19: 49-54.
- Nurzali, E. 2013. Pengaruh Pemberian Boraks Dosis Bertingkat Terhadap Perubahan Makroskopis Dan Mikroskopis Hepar Tikus Wistar Selama 4 Minggu Dan 2 Minggu Tanpa Boraks [Skripsi]. Semarang: Universitas Diponegoro. p. 16.
- OECD Guideline for The Testing of Chemicals. 2001. Acute Oral Toxicity- Acute Toxic Class Method. 1<sup>st</sup> Ed. France: Paris. 4: 6-9.
- Oktrian, M. Sadikin and A.R. Prijanti. 2013. Pengaruh Ekstrak Biji Jengkol terhadap Kadar MDA Hati Dari *Sprague Dawley* yang diberikan CCL4 [Skripsi]. Jakarta: Universitas Indonesia. p. 22-26.
- Pertiwi, P.A. and W. Widyaningsih. 2015. The Effect of Ethanol Extract of *Ulva lactuca* L. on SGPT-SGOT Activity in Rat. *J. Trad. Med.*. 20: 3.
- Perazella, M. A. 2005. Drug-induced nephropathy: an update. *J. Expert Opin. Drug Saf*. 4: 689–706.
- Plantamor. 2008. Plantamor Situs Dunia Tumbuhan, Informasi Spesies-Pala. <http://www.plantamor.com/index.php?plant=883>. [9 August 2018]
- Qomariyah, D.N. 2015. Pengaruh Ekstrak Kulit Pisang Kepok (*Musa acuminata*) Terhadap Hepar Tikus (*Rattus norvegicus*) yang diinduksi Aspirin [Skripsi]. Lampung: Universitas Lampung. p. 27-28.

- Radji, M.H. 2004. Buku Ajar Analisis Hayati. Edisi ke-3. Departemen Farmasi FMIPA UI. Depok. 1-45.
- Ronald and R. Sacher. 2004. Tinjauan Klinis Hasil Pemeriksaan Laboratorium. Edisi ke-11. Jakarta. 115-6.
- Safitri, P.H. 2016. Efektivitas Alat “*Black and White Box*” pada Uji Antidepresan Biji Petai (*Parkia speciosa* Hassk.) Terhadap Mencit (*Mus musculus*) Jantan. (Abstr.): 2.
- Salawu, O.A., B.A. Chindo, A.Y. Tijani, I.C. Obidike, T.A. Salawu and A.J. Akingbasote. 2009. Acute and Sub-acute Toxicological Evaluation of The Methanolic Stem Bark Extract of *Crossopteryx febrifuga* in Rats. J. Pharm. 3: 621–626.
- Sautin, Y. Y., Imaram V., Kim K. M., Angerhofer A., Henderson G. and Johnson R. 2011. Uric acid and oxidative stress. In: Miyata T, Eckhart KN, Nangaku M, editors. Studies in renal disorders. Oxidative stress in applied basic research practice. 857.
- Sherwood, L. 2011. Sistem Pencernaan dan Hepatobilier. Dalam: Fisiologi Manusia dari Sel ke Sistem. Edisi ke-6. Jakarta: EGC. 537-63.
- Shuib, M. and H. Hassan. 2015. Evaluation of Anti Stress Activity of *Parkia speciosa* Hassk. Seeds Extract on Stress Induced Mice. Faculty of Health and Life Sciences. Department of Health Science. 6-8.
- Shukri, R., S. Mohamed, N.M. Mustapha and A.A. Hamid. 2011. Evaluating The Toxic and Beneficial Effects of Jering Beans (*Archidendron jiringa*) in Normal and Diabetic Rats. J. Sci Food Agri. 291: 2697-706.
- Sanchez, Lozada. 2005. Mild hyperuricemia induces vasoconstriction and maintains glomerular hypertension in normal and remnant kidney rats. J. Kid Int. 67: 237-47.
- Singh, V., Gomez V. V. and Swamy S. G. 2010. Approach to a Case of Hyperuricemia. J. Aero Med. 54: 1.
- Stevani, Hendra. 2016. Praktikum Farmakologi. Modul Bahan Ajar Farmasi. Kementerian Kesehatan Republic Indonesia. Pusat Pendidikan Sumber Daya Manusia Kesehatan. Badan Pengembang dan Pemberdayaan Sumber Daya Manusia Kesehatan. 29-30.
- Suhaila. 2017. Evaluating The Toxic and Beneficial Effects of Jering Beans (*Archidendron jiringa*) in Normal and Diabetic Rats. J Sci Food Agric. 14: 706.

- Sultana, F. 2011. Buku Ajar Histologi II. Semarang: Balai Penerbit Fakultas Kedokteran Universitas Diponegoro. 35.
- Supranto, J. 2000. Statistik (Teori dan Aplikasi). Edisi ke-6. Jakarta: Erlangga.
- Susilo, R. and R. Gmelin. 2002. Precursor of cyclic polysulphides in seeds of *Parkia speciosa*. *J. Sci Plant.* 6: 12-15.
- Tanuwireja, Shirley. 2007. Pengaruh ekstrak Etanol Rimpang Jahe Merah (*Zingiberis rhizoma*) terhadap Perilaku Seksual Mencit Jantan Galur *Swiss-Webster* [Skripsi]. Jakarta: Universitas Kristen Maranatha. p. 61-62.
- The Wistar Institute. 2007. The Wistar Institute: History. [http://www.wistar.org/about\\_wistar/history.html](http://www.wistar.org/about_wistar/history.html). [12 August 2018]
- Van Slambrouck, C.M., F. Salem, S.M Meehan and A. Chang . 2013. Bile Cast Nephropathy is A Common Pathologic Finding for Kidney Injury Associated with Severe Liver Dysfunction. *Kidney Int.* 84: 192–197.
- Verawaty and D.C. Novel. 2018. Efek Ekstrak Etanol Kulit Petai (*Parkia speciosa* Hassk.) Terhadap Penurunan Kadar Glukosa Darah Mencit Jantan. *J. Kat.* 3: 1-6.
- Vitart, V., Rudan I, and Hayward C. 2008. SLC2A9 is a newly identified urate transporter influencing serum urate concentration, urate excretion and gout. *J. Nat Gen.* 40 (4): 437-442.
- Wells. 2012. CRC Handbook of Chemistry and Physics. 96<sup>th</sup> ed. Boca Raton, FL: CRC Press. 83.
- Wong, JS., T.A. Ong and H.H. Chua. 2007. Acute Anuric Renal Failure Following Jering Bean Ingestion Asian. *Asian J. Surg.* 30 (1): 80-1
- Wortmann, R. L. and Kelley W. N. 2005. Gout and hyperuricemia. In: Harris ED Jr, Budd. p. 34-39.