

Daftar Pustaka

- Aksara R., Musa W.J.A., Alio L., 2013, Identifikasi Senyawa Alkaloid dari Ekstrak Metanol Kulit Batang Mangga (*Mangifera indica L.*). *Jurnal Entropi* 8(1):514-519
- Alara O.R., Alara J.A., Olalere O.A., 2016, Review on *Phaleria macrocarpa* Pharmacological and Phytochemical Properties, *Drug Designing* 5(3):1-5.
- Altaf R., Asmaqi M.Z.B, Dewa A., Sadikun A., Umar M.I., 2013, Phytochemistry and medicinal properties of *Phaleria macrocarpa* (Scheff.) Boerl. Extract, *Pharmacognosy Reviews* 7(13):73-80
- Apaydin F.G., Kalender S., Bas H., Demir F., Kalender F., 2015, Lead Nitrate Induced Testicular Toxicity in Diabetic and Non-Diabetic Rats: Protective Role of Sodium Selenite. *Brazilian Archives of Biology and Technology* 58(1):68-74
- Astutiningsih C., Nuzulia F., Suprijono A., 2012, Isolasi dan Identifikasi Senyawa Alkaloid Buah Mahkota Dewa (*Phaleria macrocarpa* (Scheff.) Boerl) Secara Spetrofotometri UV-Vis dan IR Serta Uji Toksisitas Akut Terhadap Larva *Artemia salina* Leach, *Jurnal Farmasi Sains dan Komunitas* 9(2):66-70
- Azad K.A., Sulaiman W.M., Sunzida N.K., 2015, Phytochemical and Toxicity Evaluation of *Phaleria macrocarpa* (Scheff.) Boerl by MCF-7 Cell Line and Brine Shrimp Lethality Bioassay, *Journal of Coastal Life Medicine* 4(1):45-59
- Bagiastrasari, R.O., 2015, Uji Toksisitas Subakut Infusa Biji *Persea americana* Mill. Terhadap Gambaran Histopatologis Organ Testis dan Uterus Tikus Galur *Sprague dalwey*, *Skripsi*, Program Studi Farmasi, Fakultas Farmasi, Universitas Sanata Dharma
- Brunton, L.L., Parker, K.L., Blumenthal, D.K., 2011, *Goodman & Gilman's Manual of Pharmacology and Therapeutics*. New York: The McGraw-Hill Companies
- Caterina P., Antonello D.P., Chiara G., Chiara C., Giacomo L., Antonio S., Giovambattista D.S., Luca G., 2013, Pharmacokinetic drug-drug interaction and their implication in clinical management, *Journal of Research in Medical Sciences* :600-609
- Charan J., Kantharia N.D., 2013, How to calculate sample size in animal studies? *Journal of Pharmacology and Pharmacotherapeutics* 4(4):303-306
- Chen G.C., Ramanathan V.S., Law D., Funchain P., Chen G.C., French S., *et al.*, 2010, Acute liver injury induced by weight-loss herbal supplements, *World Journal of Hepatology* 2(11):410-415
- Cheng C.Y., Mruk D.D., 2012, The Blood-Testis Barrier and Its Implications for Male Contraception, *Pharmacological Reviews* 64(1):16-64
- Creasy D., Bube A., Ruk E.D., Kandori H., Kuwahara M., Masson R. *et al.*, 2012, Ploriverative and Nonploriverative Lesions of the Rat and Mouse Male Reproductive System, *Lesions Of The Male Reproductive System* 40:40S-121S
- Cuypers, A., Plusquin, M., Remans, T., Jozefczak, M., Keunen, E., Gielen, H., *et al.*, 2010, Cadmium Stress: An Oxidative Challenge

- D'Cruz S.C., Vaithinathan S., Jubendradass R., Mathur P.P., 2010, Effects of plants and plant products on the testis, *Asian Journal of Andrology* 12(4):468-479
- Daniel, R.M., Stelian, S., Dragomir, C., 2010, The Effect of Acute Physical Exercise on The Antioxidant Status of The Skeletal and Cardiac Muscle in the Wistar Rat, *Romanian Biotechnological Letters* 15(3):56-61
- Desai S.D., Desai D.G., Kaur H., 2009, Saponins and their Biological Activities, *Pharma Times* 41(3):13-16
- Dewoto H.R., 2007, Pengembangan Obat Tradisional Indonesia Menjadi Fitofarmaka, *Majalah Kedokteran Indonesia* 57(7):205-211
- Gartner L.P., Hiatt J.L. 2007. *Color Textbook of Histology Third Edition*. Philadelphia:Saunders Elsevier
- Gülkesen, K.H., Erdođru, T., Sargin, C.F., Karpuzođlu, G., 2002, Expression of Extracellular Matrix Proteins and Vimentin in Testes of Azoospermic Man: an Immunohistochemical and Morphometric Study, *Asian Journal of Andrology* 4(1):55-60
- Guneli E., Tugyan K., Ozturk H., Gumustekin M., Cilaker S., Uysal N., 2008, Effect of Melatonin on Testicular Damage in Streptozotocin-Induced Diabetes Rats, *European Surgical Research* 40:354-360
- Jiménez-Reina L., Maartens P.J., Jimena-Medina I., Agarwal A., du Plessis S.S., Overview of the Male Reproductive System, *Exercise and Human Reproduction*:1-17
- Katzung, B.G., 2009, *Basic & Clinical Pharmacology*, Eleventh Edition. The McGraw-Hill Companies, United States
- Khaki, A., Nouri, M., Fathiazad, F., Ahmadi, A.H.R., Rastgar, H., Rezazadeh, S.H., 2009, Effects of Quercetin on Spermatogenesis in Streptozotocin Induced Diabetic Rat, *Journal of Medical Plant* 8(5):57-64
- Kierszenbaum A.L., Tres L.L., 2016, *Histology and Cell Biology: An Introduction to Pathology*, Philadelphia:Elsevier Inc.
- Kuete, V. 2014. *Toxicological Survey of African Medicinal Plants*. London:Elsevier Inc.
- Kumar S., Pandey A.K., 2013, Chemistry and Biological Activities of Flavonoids: An Overview., *The Scientific World Journal*:1-16
- Lu J., Bao J., Chen X., Huang M., Wang Y., 2012, Alkaloids Isolated from Natural Herbs as the Anticancer Agents, *Evidence-Based Complementary and Alternative Medicine*:1-12
- Lukacinova, A., Mojzis, J., Benacka, R., Keller, J., Maguth, T., Kurila, P., Vasko, L., *et al.*, 2008, Preventive Effects of Flavonoids on Alloxan-Induced Diabetes Melitus in Rats, *Acta Veterina* 77:175-182
- Majaz Q.A., Khurshid M.I., 2016, Herbal Medicine: A Comprehensive Reiview, *International Journal of Pharmaceutical Research* 8(2):1-5
- Mandal T.K., Das N.S., 2010, Testicular toxicity in cannabis extract treated mice: association with oxidative stress and role of antioxidant enzyme systems, *Toxicology and Industrial Health* 26(1):11-23
- Mescher A.L. 2013. *Junqueira's Basic Histology: Text & Atlas, 13th Ed*. United States:The McGraw-Hill Companies Inc.

- Mruk D.D., Cheng C.Y., 2015, The Mammalian Blood-Testis Barrier: Its Biology and Regulation, *Endocrine Reviews* 36(5):564-591
- Munaya, N., Brahmadi, E., Sakti, Y.B.H., 2018, Efek Stres Puasa terhadap Ketebalan Epitel dan Diameter Tubulus Seminiferus *Rattus Novergicus*, *Mutiara Medika: Jurnal Kedokteran dan Kesehatan* 18(1):1-7
- Nematollah, A., Bahmani, M., Kheradmand, A., Kopaei, M.R., 2017, The Impact of Oxidative Stress on Testicular Function and The Role of Antioxidant in Improving it: A Review, *Journal of Clinical and Diagnostic Research* 11(5):1-5
- Nugroho A., Heryani H., Choi J.S., Park H., 2016, Identification and quantification of flavonoids in *Carica papaya* leaf and peroxy nitrite scavenging activity, *Asian Pasific Journal of Tropical Biomedicine* 7(3):208-213
- Nurkarimah D.A., Hestianah E.P., Wahjuni R.S., Hariadi M., Kuncorojakti S., Hermadi H.A., 2017, Effect of Propolis on Spermatogenic Cells Number and Diameter of Seminiferous Tubules in Male Mice (*Mus musculus*), *Veterinary Medicine International Conference* :677-683
- Okazelia S.D., Hendrati D., Iljas N., 2017, Isolasi dan Pemisahan Senyawa Alkaloid Dari Buah Mahkota Dewa (*Phaleria macrocarpa* Boerl.) Dengan Metode Kromatografi Cair. *Journal of Nursing and Health* 1(2):80-85
- Othman S.N., Sarker S.D., Nahar L., Basar N., 2014, The ethnomedicinal, phytochemical and pharmacological properties of *Phaleria macrocarpa* (Scheff.) Boerl., *TANG-Humanitas Traditional Medicine* 4(4):1-12
- Parhizkar S., Yusoff M.J., Dollah M.A., 2013, Effect of *Phaleria macrocarpa* on Sperm Characteristics in Adult Rats, *Advanced Pharmaceutical Bulletin* 3(2):345-352
- Parhizkar S., Zainudin C.Z., Dollah M.A., 2013, Effect of *Phaleria macrocarpa* on Sexual Function of Rats, *Avicenna Journal of Phytomedicine* 3(4):371-377
- Parhizkar S., Zulkifli S.B., Dollah M.A., 2014, Testicular morphology of male rats exposed to *Phaleria macrocarpa* (Mahkota dewa) aqueous extract, *Irian Journal of Basic Medical Science* (17):384-390
- Peixoto, G.C.X., Silva, M.A., Castelo T.S., Silva A.M., Bazerra, J.A.B, Souza, A.L.P, *et al.*, 2012, Individual Variation Related to Testicular Biometry and Semen Characteristics in Collared Peccaries (*Tayassu tajacu* Linnaeus, 1758), *Animal Reproduction Science* 134:191-196
- Phua D.H., Zosel A., Heard K., 2009, Dietary supplements and herbal medicine toxicities-when to anticipate them and how to manage them, *International Journal Emergency Medicine* 2(2):69-76
- Predes, F.D.S., Diamante, M.A.S., Dolder, H., 2010, Testis Response to Low Doses of Cadmium in Wistar Rats, *International Journal of Experimental Pathology* (91):125-131
- Rohyami Y., 2008, Penentuan Kandungan Flavonoid dari Ekstrak Metanol Daging Buah Mahkota Dewa, *Jurnal Logika* 5(1):1-16
- Shafe M.O., Seriki S.A., Idachaba S.O., Dare J.B., 2016, Effects of Methanol Extract of *Persea americana* (Avocado) and Vitamin E on The Reproductive Parameters of Male Wistar Rats, *European Journal of Biomedical and Pharmaceutical Sciences* 3(6):156-165

- Sinaga, F.A., 2016, Stress Oksidatif dan Status Antioksidan pada Aktivitas Fisik Maksimal, *Jurnal Generasi Kampus* 9(2):176-189
- Soeksmanto A., Hapsari Y., Simanjuntak P., 2007, Kandungan Antioksidan pada Beberapa Bagian Tanaman Mahkota Dewa, *Phaleria macrocarpa* (Scheff) Boerl. (Thymelaceae), *Biodiversitas* 8(2):92-95
- Stefani, H., 2016, *Modul Bahan Ajar Cetak Farmasi Praktikum Farmakologi*, Kementrian Kesehatan Republik Indonesia, Jakarta Selatan, 29-30
- Su L., Mruk D.D., Lee W.M., Cheng C.Y., 2011, Drug transporters and blood testis barrier function, *Journal Endocrinology* 209(3):337-351
- Su L., Mruk D.D., Lee W.M., Cheng C.Y., 2011, Drug transporters, the blood testis barrier, and spermatogenesis, *Journal Endocrinology* 208(3):207-223
- Sulistiyoningrum E., Setiawati, Ismaulidiya F.R., 2013, *Phaleria macrocarpa* (Scheff.) Boerl improved renal histological changes in alloxan-induced diabetic rats, *International Journal of Medicinal Plants and Alternative Medicine* 1(5):087-092
- Sulistiyoningrum E., Setiawati, Nindyastuti S., Putra A.N., 2012, Infusa Daging Buah Mahkota Dewa Memperbaiki Kerusakan testis dan Parameter Sperma Tikus Diabetik, *Sains Medika* 4(2):115-123
- Tortora, G.J., Derrickson, B., 2012, *Principles of Anatomy and Physiology*, United States of America:John Wiley & Sons, Inc.
- Varghese A., Depplinder F., Chandra A., Jeat A.W., Pathan F., Agarwal A., 2010, Anatomy and physiology of male gametogenesis, *Andrology Laboratory Manual* (1):3-9
- Widowati L., Pudjiastuti, Nuratmi B., 2005, Uji Toksisitas Akut Ekstrak Mahkota Dewa pada Hewan Coba, *Media Litbang Kesehatan* 15(1):6-10
- Wulandari, F., 2014, Uji Toksisitas Akut Ekstrak Metanol Daun Mahkota Dewa (*Phaleria macrocarpa* [Scheff.] Boerl.) terhadap Larva *Artemia salina* Leach dengan Metode *Brine Shrimp Lethality Test* (BSLT), *Skripsi*, Jurusan Pendidikan Dokter Fakultas Kedokteran dan Ilmu Kesehatan, Universitas Islam Negeri Syarif Hidayatullah