REFERENCES

Ang, H. H. and Sim, M.K. 1998. *Eurycoma longifolia* increases sexual motivation in sexually naive male rats. *Archives of Pharmacia Research* 21(6): 779-81.

Ang, H. H., Hitotsuyanagi, Y. and Takeya, K. 2000. Eurycolactones A–C, novel quassinoids from *Eurycoma longifolia*. *Tetrahedron Letters* 41:6849–6853.

Ang, H.H., S. Ikeda and Gan, E.K, 2001. Evaluation of the potency activity of aphrodisiac in *Eurycoma longifolia* Jack. *Phytotherapy Research* 15: 435-436.

Ang, H. H. and Cheang, H. S. 2001. Effects of *Eurycoma longifolia* jack on laevator ani muscle in both uncastrated and testosterone-stimulated castrated intact male rats. *Archives of Pharmacal Research* 24(5): 437-440.

Ang, H. H. and Ngai, T. H. 2001. Aphrodisiac evaluation in non-copulator male rats after chronic administration of *Eurycoma longifolia* Jack. *Fundam Clin Pharmacol* 15*:* 265– 268.

Ang, H. H., Hitotsuyanagi, Y., Fukaya, H. and Takeya, K. 2002. Quassinoids from *Eurycoma longifolia*. *Phytochemistry* 59: 833–7.

Ang, H. H. and Lee, K. L. 2002. Effect of *Eurycoma longifolia* Jack on orientation activities in middle-aged male rats. *Fundam Clinic Pharmacol* 16: 479–83.

Ang, H. H., Lee, K. L. and Kiyoshi, M. 2003. *Eurycoma longifolia* Jack enhances sexual motivation in middle-aged male. *Journal of Basic and Clinical Physiology and Pharmacology* 14: 301– 308.

Ang, H. H., Ngai, T. H and Tan, T. H. 2003. "Effects of Jack on sexual qualities in middle aged male rats". *Phytomedicine* 10: 590–3.

Aziz, R. A., Sarmidi, M. R., Kumaresan, S., Taher, Z. M. and Foo, D. C. Y. 2003. Phytochemical processing: the next emerging field in chemical engineering—aspects and opportunities. *Japatan Kejuruteraan Kimia Malaysia*, 3: 45–60.

Becoat, W. C. 2006. Access Financial Market. http://www.fda.gov/ICECI/EnforcementActions/WarningLetters/2005/ucm075981.htm. Accessed 19 July 2011.

Bedir, E., Abou-Gazar, H., Ngwendson, J. N. and Khan, I. A. 2003. Eurycomaoside: a new quassinoid-type glycoside from the roots of *Eurycoma longifolia*. *Chemical and Pharmaceutical Bulletin* (Tokyo), 51: 1301–3.

Bhat, R. and Karim, A. A. 2010. Tongkat Ali (*Eurycoma longifolia* Jack): A review on its ethnobotany and pharmacological importance. *Fitoterapia* 81(7): 669-679.

Bradford, M. M. 1976. A dye binding assay for protein. *Analytical Biochemistry* 72:248-254.

Burkill, I. H. 1966. A Dictionary of the Economic Products of the Malay Peninsula. *Vol 1(A–H). Ministry of Agricultural and Co-operations:* Kuala Lumpur.

Cash, C. 2011. What is Tongkat Ali Extract. http://www.livestrong.com/article/226043-what-is-tongkat-ali-extract. Accessed 19 July 2011.

Celis, J. E. and Gromov, P. 1999. 2D-protein electrophoresis: can it be perfected? *Current opinion in Biotechnology* 10(1): 16-21.

Chan, K. L., Lee, S., Sam, T. W. and Han, B. H. 1989. A quassinoid glycoside from the roots of *Eurycoma longiforia*. *Phytochemistry* 28(10): 2857-2859.

Chen, K. K. and Chiu, J. H. 2006. Effect of Epimedium brevicornum Maxim extract on elicitation of penile erection in the rat. *Urology* 67: 631-635.

Chin, H.T., Vikneswaran, M. and Kit, L. C. 2011. Developing a validated liquid chromatography-mass spectrometric method for the simultaneous analysis of five bioactive quassinoid markers for the standardization of manufactured batches of *Eurycoma longifolia* Jack extract as antimalarial medicaments. *Journal of Chromatography A* 1218 (14): 1861-1877.

Choudhary, M. I. and Rahman, A. U. 1997. Elixirs of love, Chem. Britain, pp. 25–27.

Chye, P. H. 2006. Traditional Asian folklore medicines in sexual health. *Indian Journal of Urology* 22: 241-245.

Damayanthi, D., Azman, M. A. B., Aminuddin, A. H. K., Hamid, A. and New, K. H. H. 2011. Effects of Smilax myosotiflora on testicular 11β-hydroxysteroid dehydrogenase oxidative activity and plasma hormone levels in rats. *Biomedical Researches* 22: 188-193.

Darise, M., Kohda, H., Mizutani, K. and Tanaka, O. 1982. Eurycomanone and eurycomanol, quassinoids from the roots of *Eurycoma longifolia*. *Phytochemistry* 21: 2091–3.

Gimlette, J. D., Thomson, H. W. 1977. A dictionary of Malayan medicine. Kuala Lumpur: Oxford University Press.

Goreja, W. G. 2004. Tongkat Ali: the tree that cures a hundred diseases. TNC International Inc, Amazing herbs press, New York.

Gromova, I., Celis, J.E. 2006. Protein detection in gels by silver staining: a procedure compatible with mass-spectrometry. *In:* Cell Biology. A Laboratory Handbook, 3rd edn, *vol.* 4. Ed, Celis, J.E., pp 219–25, San Diego, CA, Academic Press.

Guan, J., Kyle, D. E., Gerena, L., Zhang, Q., Milhous, W. K. and Lin, A. J. J. 2002. *Journal of Medicinal Chemistry* 45: 2741-2748.

Huiping, M., Xirui, H., Yan, Y., Maoxing, L., Dingjun, H. and Zhengping, J. 2011. The genus Epimedium: An ethnopharmacological and phytochemical review. *J Ethnopharmocol* 134: 519-541.

Ismail, Z., Ismail, N. and Lassa, J. 1999. Malaysian herbal monograph. Malaysian Monograph Committee, Kuala Lumpur.

Itokawa, H., Qin, X. R., Morita, H. and Takeya, K. J. 1993. C18 and C19 quassinoids from *Eurycoma longifolia*. *Journal of Natural Product* 56: 1766–71.

Jagananth, J. B. and Ng, L. T. 2000. Herbs — the green pharmacy of Malaysia. Vinpress Sdn. Bhd. and Malaysian Agricultural Research and Development Institute (MARDI), Kuala Lumpur, Malaysia, 45-46.

James Stoxen 2003. Tongkat ali review. http://www.indonesiatongkatali.com/tongkat-ali-review.html. Assessed on 3 October 2003.

Jarvie, P. 2011. Asian Live Longer by Boosting Testestrone With Tongkat Ali. www.ezinearticles.com . Accessed on 25.2.2011.

Jiwajinda, S., Santisopasri, V., Murakami, A., Kawanaka, M., Kawanaka, H., Gasquet, M., Eilas, R., Balansard, G. and Ohigashi, H. 2002. In vitro anti-tumor promoting and anti-parasitic activities of the quassinoids from *Eurycoma longifolia*, a medicinal plant in Southeast Asia. *Journal Ethnopharmacol* 82:55–58

Kamarudin, M.S. and Latiff, A. 2002. Tumbuhan Ubatan Malaysia, Universiti Kebangsaan Malaysia and Ministry of Science, Technology and Environment, Malaysia, pp. 625.

Kardono, L. B. S., Angerhofer, C. K., Tsauri, S., Padmawinata, K., Pezzuto, L. M. and Kinghorn, A. D. J. 1991. Cytotoxic and antimalarial constituents of the roots of *Eurycoma longifolia*. *Journal of Natural Product* 54: 1360–7.

Kaur, I., Kumaresan, S. and Sarmidi, M. R. 2002. A study into the effect of laboratory scale processing parameters and scale up on *Eurycoma longifolia* water extract yield. Proceedings of the 17th Symposium of Malaysian Chemical Engineers, 29–30th December 2003, Penang; 294–299.

Kreuts, S. 2010a, Buying Tongkat Ali. http://www.asiatour.com/tongkat-ali.htm. Assessed on 13 July 2010.

Kreuts, S. 2010b, Tongkat Ali's effects now scientifically proven. http://whybodybuilding.com/. Assessed on 24 July 2010.

Kuo, P. C., Damu, A. G., Lee, K. H. and Wu, T. S. 2004. Cytotoxic and anti-malarial constituents from the roots of *Eurycoma longifolia.* Bioorg. *Journal of Medicinal Chemistry* 12*:* 537– 544.

Kuo, P. C., Shi, L. S., Damu, A. G., Su, C. R., Huang, C. H. and Ke, C. H. 2003. Cytotoxic and antimalarial β-carboline alkaloids from the roots of *Eurycoma longifolia*. *Journal of Natural Product* 66: 1324–7.

Mckarry, D. 2010. Tongkat Ali Test Results Will Show The Way. www.tongkataliresults.com/tongkat-ali/tongkat-ali-test-results-will-show-the-way. Accessed on 1.10.2010.

McKerry, D. 2010. Tongkat Ali Extract. www.tongkataliresults.com. Accessed on 7.1.2010.

McKerry, D.2011. Tongkat Ali Extract and Testestrone. . www.tongkataliresults.com. Accessed on 8.3.2011.

Miller, L.H., Howard, R.J., Carter, R., Good, M.F., Nussenzweig, V. and Nussenzweig, R.S. 1986. Research toward malaria vaccines**.** *Science* 234 (4782): 1349-1356.

Morita, H., Kishi, E., Takeya, K., Itokawa, H. and Iitaka, Y. 1993a. Highly oxygenated quassinoids from *Eurycoma longifolia*. *Phytochemistry* 33: 691–6.

Morita, H, Kishi, E., Takeya, K., Itokawa, H. and Iitaka, Y. 1993b. Squalene derivatives from *Eurycoma longifolia*. *Phytochemistry* 34: 765–71.

NPCB (National Pharmaceutical Control Bureau). 2011 *Eurycoma longifolia*. http://portal.bpfk.gov.my/product_search.cfm. Accessed 19 July 2011.

Occhiogrosso, J. 2007. Your prostate, your libido, your life: a guide to causes and natural solutions for common prostate problems. Glenbridge Publishing Ltd, Colorado.

Packer, L., Namong, C. and Halliwell, B. 2004. Herbal and traditional medicine. pp 643. Marcel Dekker, New York. USA.

Perry, L. M. 1980. Medicinal plants of East and South East Asia: attributed properties and uses. Cambridge, Massachusetts: M.I.T. Press.

Perry, L. M., Metzger, J. 1980. Medicinal plants of East and Southeast Asia: attributed properties and uses. MA, USA: Massachusetts Institute of Technology Press.

Ling, S. F.2010. Report submitted to University Malaya upon completing industrial training in Monash Univesrsity Sunway Campus.

Sambandan, T. G., Chokyun, R., Kadir, A. A., Aminudin, N. and Joharl, M. S. 2004. Bioactive fraction of *Eurycoma longifolia*. United State Patent, Patent No: US7132,117B2.

Sehelian, R. 2004. Natural sex boosters: supplements that enhance stamina, sensation and sexuality for men and women. Square One Publishers Inc., NY.

Stoxen, J. 2003. Tongkat Ali review. http://www. Indonesiatongkatali.com/tongkat-ali review.html. Assessedon 3 October 2003.

Tambi,M.I., Imran, M.K. (2010). *Eurycoma longifolia* Jack in managing idiopathic male infertility. *Asian Journal of Andrology* , 12, 376–380.

Tee, T. T. and Azimahtol, H. L. 2005. Induction of apoptosis by *Eurycoma longifolia* jack extracts. http://www.ncbi.nlm.nih.gov/protein/?term=Eurycoma+longifolia. Accessed on May 2005.

Tsugita, A., Kamo, M., Kawakami, T. and Ohki, Y. 1996. Two-dimensional electrophoresis of plant proteins and standardization of gel patterns. *Electrophoresis* 17: 855-865.

Wahab, N. A., Mokhtar, N. M., Halim, W. N. H. A. and Das, S. 2010. The effect of *eurycoma longifolia* jack on spermatogenesis in estrogen.-treated rats. Clinics, *São Paulo* 65(1): 93-98.

Wang, W., Scali, M., Vignani, R., Spadafora, A., Sensi, E. and Mazzuca, S. 2003, Protein extraction for two-dimensional electrophoresis from olive leaf, a plant tissue containing high levels of interfering compounds. *Electrophoresis* 24: 2369-2375.

Wong, C. 2006. Tongkat Ali. http://altmedicine.about.com/od/herbsupplementguide/a/tongkat_ali.htm. Assessed on 15 August 2006.

Yonezawa, A., Yoshizumii, M., Ebiko, M., Amano, T., Kimura, Y. and Sakurada, S. 2005. Long-lasting effects of yohimbine on the ejaculatory function in male dogs. *Biomedical Researches* 26: 201-206.

Zanoli, P., Zavatti, M., Monatanari, C. and Baraldi, M.2009. Influence of *Eurycoma longifolia* on the copulatory activity of sexually sluggish and impotent male rats. *Journal of ethnopharmacology* 126: 308-313.