

REFERENCES

- Badan Pusat Statistic. 2014. Production of vegetables in Indonesia 1997-2013. http://www.bps.go.id/tabc_sub/view.php?kat=3&tabel=1&daftar=1&id_subyek=55¬ab=70, accessed on December 2, 2014.
- Bania, I and M. Rita. 2012. Evaluation of peroxidases from varoius plant sources. International Journal of Scientific and Research Publications 5(2):1-5.
- Bedner, M. and W.A. MacCrehan. 2005. Tranformation of Acetaminophen by Chlorination Produces the Toxicants 1,4-benzoquinone and N-Acetyl-p-benzoquinone Imine. Environ. Sci. Technol. 40(2): 516-522.
- Chemguide. 2007. Column chromatography. <http://www.chemguide.co.uk/analysis/chromatography/column.html>, accessed on June 10, 2015.
- Cui, K., X. Lou, K. Xu, and M.R. Ven. 2004. Role of oxidative stress in neurodegeneration: recent developments in assay methods for oxidative stress and nutraceutical antioxidants. Prog. Neuropsychopharmacol Biol. Psych. 28 (5): 771-799.
- Food and Drug Administration. 2008. Recommendations for FDA Interventions to Decrease the Occurrence of Acetaminophen Hepatotoxicity. <http://www.fda.gov/downloads/UCM164898.pdf>, accessed on June 4, 2015.
- Hinz, B., O. Cheremina, and K. Brune. 2008. Acetaminophen (pparacetamol) is a selective cyclooxygenase-2 inhibitor in man. Journal of the Federation of American Societies for Experimental Biology 22(2): 383–390.
- International Trade Centre. 2005. Supply and Demand Survey on Pharmaceuticals and Natural Products. <http://apps.who.int/medicinedocs/documents/s18012en/s18012en>, accessed on December 2, 2014.

Koksal E. and Gulcin I. 2008. Purification and characterization of peroxidase from cauliflower (*Brassica oleracea L. Var. Botrytis*) buds. *Protein Pept. Lett.* 15(4):320-326.

Lie, M. J. 2014. Dimerization of 2-allyl phenol using peroxidase enzyme. BS Thesis. Departement of Pharmaceutical Engineering. Swiss German University, Tangerang, Indonesia.

Lowry, O. H., N. J. Rosebrough, A. L. Farr, and R. J. Randall. 1951. Protein measurement with the folin phenol reagent. *J. Biol. Chem.* 193(1):265-275

Nelson, D. L. and M. M. Cox. 2008. *Lehringer Principles of Biochemistry Fifth Edition*. New York, N.Y.,US: W.H. Freeman and Company.

Onsa, G. H., N. Bin Saari, J. Selamat and J. Bakar. 2004. Purification and characterization of membrane-bound peroxidases from *Metroxylon sagu*. *Food Chem.* 85(3): 365-376.

Prakash, A., F. Rigelhof, and E. Miller. 2001. Antioxidant activity. Medallion Laoratories Analytical Progress 19(2)

Raaman, N. 2006. *Phytochemical Techniques*. Pitam Pura, New Delhi, India: India Publishing Agency.

Royal Science of Chemistry. 2014. Paracetamol. http://www.rsc.org/learn-chemistry/content/filerepository/CMP/00/000/047/Paracetamol_web, accessed on December 2, 2014.

Sagar, B.K. and R.P. Singh. 2011. Genesis and development of DPPH method of antioxidant assay. *J. Food Science Technology* 48(4): 412-422.

Saha, S., M. M. Malik, and M. S. Qureshi. 2014. Comparative study of synergistic effects of antibiotics with triangular shaped silver nanoparticles, synthesized using UV-Light irradiation, on *Staphylococcus aureus* and *Pseudomonas aeruginosa*. *Journal of Biomaterials and Nanotechnology* 5(1): 186-193

Sarma, A. D., A. R. Mallick, and A. K. Ghosh. 2010. Free radicals and their role in different clinical conditions: an overview. IJPSR. 1(3):185-192.

Tangent LLC. 2014. Acetaminophen.
<http://cornellbiochem.wikispaces.com/Acetaminophen>, accessed on December 2, 2014.

Tzeng, S.C. and Y.C. Liu. 2004. Peroxidase-catalyzed synthesis of neonligan and its anti-inflammatory activity. J. Mol. Catal. B. Enzym. 32(2): 7-13.

Wojdylo, A., J. Oszmianski, and R. Czemerys. 2007. Antioxidant activity and phenolic compound in 32 selected herbs. Food Chemistry 105(1): 940-949.

Wong, D. W. S. 2009. Structure and action mechanism of ligninolytic enzymes. Appl Biochem Biotechnol 157 (1): 174-209.

World Health Organization. 2013. WHO model list of essential medicines 18th list.
http://apps.who.int/iris/bitstream/10665/93142/1/EML_18_eng.pdf, accessed on June 4, 2015.

Yen, G. C. and P. D. Duh. 1994. Scavenging effect of methanolic extracts of peanut hulls on free-radical and active-oxygen species. Journal of Agriculture and Food Chemistry 42(2): 629–632.

Yusuf, Y., B. Arman, and A. H. Cahyana. 2014. Syntheses via phenolic oxidative coupling using crude peroxidase from *Brassica juncea* (L) Czern leaves and antioxidant evaluation of dimeric thymol. Mediterranean Journal of Chemistry 3(6): 1100-1110.