

REFERENCES

- Acharya, K., Samui, K., Rai, M., Dutta, B.B., and Acharya, R. (2004) Antioxidant and nitric oxide synthase activation properties of *Auricularia auricula*. Indian Journal of Experimental Biology, **42**, 538-540.
- Adams, M., Borysiewicz, L., Fiander, A., Man, S., Jasani, B., Navabi, H., Lipetz, C., Evans, A.S., and Mason, M. (2001). Clinical studies of human papilloma vaccines in pre-invasive and invasive cancer. Vaccine, **19**, 2549-2556.
- Ahmad, N. and Mukhtar, H. (1999). Green tea polyphenols and cancer: Biologic mechanisms and practical implications. Nutrition Review, **57**, 78-83.
- Amarowicz, R., Pegg, R.B., Rahimi-Moghaddam, P., Barl, B., and Weil, J.A. (2004). Free radical scavenging capacity and antioxidant activity of selected plant species from the Canadian prairies. Food Chemistry, **84**, 551-562.
- American Type Cell Culture Collection. (2004). ATCC® Product information sheet for HB-12317.
- Ames, B.N., Shigenaga, M.K., and Hagen, T.M. (1993). Oxidants, antioxidants and degenerative diseases of aging. Proceedings of National Academy of Sciences USA, **90**, 7915-7922.
- Anderson, J.W., Deakins, D.A., Floore, T.L., Smith, B.M. and Whitis S.E. (1990) Dietary fiber and coronary heart disease. Critical Review Food Science Nutritional, **29**, 95-147.
- Arends, M.J., Buckley, C.H. and Wells, M. (1998)..Aetiology, pathogenesis and pathology of cervical neoplasia. Articles. Journal of Clinical Pathology, **51**: 96-103.

Barbosa, M.S., and Schelgel, R. (1989). The E6 and E7 genes of HPV-18 are sufficient for inducing two-stage in vitro transformation of human keratinocytes. Oncogene, 4, 1529-1532.

Baron, J., Sandler, R., Bresalier, R., Quan, H., Riddle, R., Lanas, A., Bolognese, J., Oxenius, B., Horgan, K., Lafas, S., and Morton, D. (2006). A randomized trial of rofecoxib for the chemoprevention of colorectal adenomas. Gastroenterology, 131, (6), 1674-82

Benzie, I.F.F. and Strain, J.J. (1999). Ferric reducing/antioxidant power assay: Direct measure of total antioxidant activity of biological fluids and modified version for simultaneous measurement of total antioxidant power and ascorbic acid concentration. Methods in Enzymology, 299, 15-27.

Benzie, I.F.F. and Szeto, Y.T. (1999). Total antioxidant capacity of teas by the ferric reducing/antioxidant power assay. Journal of Agricultural and Food Chemistry, 47, 633-636.

Benzie, I.F.F., and Strain, J.J. (1996). The ferric reducing ability of plasma (FRAP) as a measure of ‘ antioxidant power’. The FRAP assay. Analytical Biochemistry, 239, 70-76.

Bertram, J.S., Kolonel, L.N. and Meyskens, F.L. (1987). Rationale and strategies for chemoprevention of cancers in humans. Cancer Research, 47, 3012-3031.

Block, G., Patterson, B., & Subar, A. (1992). Fruits vegetables and cancer prevention: A review of the epidemiological evidence. Nutrition and Cancer, 18, 1-29.

Boenisch, T. (2001). Formalin-fixed and heat-retrieved tissue antigens: a comparison of their immunoreactivity in experimental antibody diluents. Applied Immunohistochemistry Molecular Morphology, 9 (2), 176-179.

Borenfreund, E and Puerner, J.A. (1985). Toxicity determined in vitro by morphological alterations and neutral red absorption. Toxicology Letter, 24, 119-124.

Borenfreund, E. and Puerner, J.A. (1986). Cytotoxicity of metals, metal-metal and metal-chelator combinations assayed in vitro. Toxicology, 39, 121-134.

Brand-Williams, W., Cuvelier, M.E. and Berset, C. (1995). Use of a free radical method to evaluate antioxidant activity. LWT-Food Science and Technology, 28, 25-30.

Byers, T. and Guerrero, N. (1995). Epidemiological evidence of vitamin C and vitamin E in cancer prevention. American Journal of Clinical Nutrition, 62, 1385S-1392.

Cancer Research UK (January 2007), UK cancer incidence statistics by age. Retrieved on 2007-06-25.

Cao, G.H., and Prior, R.L. (1998). Comparison of different analytical methods for assessing total antioxidant capacity of human serum. Clinical Chemistry, 44 (6), 1309-1315.

Chan, P.Y.(2008).Cytotoxic, antioxidative and anti-human papillomavirus (HPV) activities of selected *Allium* spp. Unpublished dissertation, University of Malaya, Kuala Lumpur.

Chang, J.S., Son K.J., Li G., Oh, E.J., Kim, J.Y., Park, S.H., Bae, J.T., Kim, H.J., Lee, I.S., Kim, O.M., Kozukue, N., Han, J.S., Hirose, M. and Lee, K.R. (2004). Inhibition of cell cycle progression on HepG2 cells by hypsiziprenol A9, isolated from *Hypsizigus marmoreus*, Cancer Letters, 212, 7-14.

Chang, R. (1996). Functional properties of edible mushrooms. Nutritional Review, 54, S91-S93.

Chang, S.T. (1996). Mushroom research and development-equality and mutual benefit. In D.J. Royse (Ed.), Mushroom biology and mushroom products (pp.1-10). Pennsylvania State University: University Park.

Chang, J.S., Kim, J.T., Bae, S.H., Park, S.E., Kim, O.M. (1998). Inhibition effects of *Auricularia auricula-judae* methanol extract on lipid peroxidation and liver damage in benzo (α) pyrene treated mice. Journal of Korean Social and Food Science Nutritional, 27, 712-717.

Chang, S.T., (1999). Global impact of edible and medicinal mushrooms on human welfare in the 21st century-non green revolution. International Journal of Medicinal Mushrooms, 1, 1-7.

Chang, S.T. and Buswell, J.A. (2003). Medicinal mushrooms prominent source of nutraceuticals for the 21st country. Current Topics in Nutraceutical Research, 1, 257-280.

Chang, C.H., Lin, H.Y., Chang, C.Y. and Liu, Y.C. (2006). Comparisons on the antioxidant properties of fresh, freeze dried and hot air dried tomatoes. Journal of Food Engineering, 77, 478-485.

Chao, G.R. (2001). Antioxidant properties and polysaccharide composition analysis of ear mushrooms. Master Degree of Science Thesis, National Chung-Hsing University, Taiwan.

Chapuis, B., Helg, C., Maurice, P., Aapro, M., Irle, C., Montandon, N., Kaestli, M., Wyess, M. and Wacker, P. (1988). Super intensive treatment followed by bone marrow autograft in cases of hematologic neoplasms and solid tumors. Schweiz Med Wochenschr, 118, 341-346.

Cheung, L.M. and Cheung, P.C.K. (2005). Mushroom extracts with antioxidant activity against lipid peroxidation. Food Chemistry, 89, 403-409.

Cheung, L.M., Cheung, P.C.K., and Ooi, V.E.C. (2003). Antioxidant activity and total phenolics of edible mushroom extracts. Food Chemistry, 81, 249-255.

Cheung, N.K., Modak, S., Vickers, A. and Knuckles, B. (2002). Orally administered β -glucans enhance anti-tumor effects of monoclonal antibodies, Cancer Immunology Immunother, 51, 557-564.

Cheung, P.C.K. (1996) Dietary fiber content and composition of some edible fungi determined by two methods of analysis. Journal of Science Food Agriculture; (In Press).

Chlebowski, R.T., Blackburn, G.L., and Thomson, L.A. (2006). Dietary fat reduction and breast cancer outcome: interim efficacy results from the women intervention nutrition study. Journal of National Cancer Institution, 98, (24) : 1767-76.

Choi, Y., Lee, S.M., Chun, J., Lee, H.B. and Lee, J. (2006). Influence of heat treatment on the antioxidant activities and polyphenolic compounds of Shiitake (*Lentinus edodes*) mushroom. Food Chemistry, 99, 381-387.

Chow, L.W., Lo, C.S., Loo, W., Hu, X., and Sham, J. (2003). Polysaccharide peptide mediates apoptosis by up-regulating p21 gene and down-regulating cyclin D1 gene. American Journal of Chinese Medicine, 31, 1-9.

Clarke, S.J. and Rivory, L.P. (1999). Clinical pharmacokinetics of docetaxel. Clinical Pharmacokinet, 36, 99-114.

Clements, J. (2000). The mouse lymphoma assay. Mutation Research, 455, 97-110.

Coleman, R.L. (1995). Quality management in mental health. II. Managing risk of dangerousness. Journal of Medicinal Qualities, 11, 227-235.

Conti, C.J. (1997). Changes in protein expression during multistage mouse skin carcinogenesis. Molecular Carcinogenesis, 20, 125-136.

Cuzick, J. (1999). Screening for cancer: future potential. European Journal of Cancer, 35, 685-692.

Distler, P., Holt, P.R. (1997): Are right and left sided colon cancer neoplasms distinct tumors? Diagnostic Discovery, 15: 302-311.

Doll, R. and Peto, R. (1981). The causer of cancer: quantitative estimates of avoidable risks of cancer in the United States today. Journal of National Cancer Institute, 66, 1191-1308.

Dunne, E.F., Unger E.R., Sternberg, M., McQuillan, G., Swan, D.C., & Patel, S.S., (2007). Prevalence of HPV infection among females in the United States. JAMA 297, 813-819.

Elliott, J.G., (1999). Application of antioxidant vitamins in foods and beverages. Food Technology, 53, 46-48

Elmastas, M., Isildak O., Turkekul, I., and Temur, N.(2007). Determination of antioxidant compounds in wild edible mushrooms. Journal of Food Composition and Analysis, 20, 337-345.

Espinoza, E.O., Mann, M.J. (1992). “ Firearm examination by scanning electron microscopy observations and an update on current and future approaches. Association of Firearms and Toolmark Examiners (AFTE) Journal 23(3).

Farmilo, J.A., Choi, B. C. (1990). Microscopic haematuria as a predictor of urological diseases among stell workers. Journal of Social Occupational Medicine. 40 (2) ; 47-52.

Fautz, R., Husein, B., Hechenberger, C., 1991. Application of the neutral red assay (NR assay) to monolayer cultures of primary hepatocytes: Rapid colorimetric viability determination for the unscheduled DNA synthesis test (UDS). Mutational Research, 253: 173-179.

Fan, L.S., Zhang, S.H., Yu, L., Ma, L. (2006). Evaluation of antioxidant property and quality of breads containing *Auricularia auricula* polysaccharide flour, Journal of Food Chemistry, pp.1-5.

Fearon, E.R. and Vogelstein, B. (1990). A genetic model for colorectal tumorigenesis, Cell 61,759-767,

Ferreira, I.C.F.R., Bapista, P., Vilas-Boas, M., Barros,L. (2007). Free-radical scavenging capacity and reducing power of wild edible mushrooms from northeast Portugal: Individual cap and stipe activity. Food Chemistry, 100, 1511-1516.

Forghani, B., Hagens, S, Cossen, C., Fukuchi, R., Gallo, D. and Ascher, M. (1992). Comparison of six commercial Human T-cell lymphotropic virus type I (HTLV-I) enzyme immunoassay kits for detection of antibody to HTLV-I and -II. Journal of Clinical Microbiology, 30, 724-751.

Frankel, E.W. (1991). Recent advances in lipid oxidation. Journal of The Science of Food and Agriculture, 54, 495-511.

Fujiki, K., Hotta, Y., Nakayasu, K., Yokoyoma, T., Takano, T., Yamaguchi, T. and Kanai, A. (1998). Anew L527R mutation of the betalGH3 gene in patients with lattice corneal dystrophy with deep stromal opacities. Human Genetics, 103, 286-289.

Gay, H. and Docherty, J.J (1986). Characterization of the tumor-associated 38-kd protein of herpes simplex virus type 2. Journal of Reproductive Medicine, 31, 399-409.

Gazzani, G., Papetti, A., Massolini, G., and Daglia, M., (1998). Antioxidative and pro-oxidant activity of water soluble components of some common diet vegetables and the effect of thermal treatment. Journal of Food Chemistry, 6, 4118-4122.

Geran, R.I., Greenberg, N.H., Macdonald, M.M. and Abbott, B.J. (1977). Modified protocol for the testing of new synthetics in the L1210 lymphoid leukemia murine model in the DR&D program, DCT, NCI. National Cancer Institute Monogram, 45, 151-153.

George, F., John, A. T. (2006). *In vitro* cytotoxicity assays : Comparison of LDH, neutral red, MTT and protein assay in hepatoma cell lines following exposure to cadmium chloride. Toxicology Letters, (160), 171-177.

Gonzalez, I.S., Jimenez-Escrig, A., and Calixto, S. (2005). In vitro antioxidant activity of coffee brewed using different procedures (Italian, espresso, and filter). Food Chemistry, 90, 133-139.

Gordon, M.H. (1990). The mechanism of antioxidant action in vitro. In B.J.F. Hudson (Ed). Food antioxidants (pp 1-18).

Ghoshal, A.K., Farber, E. (1984). The induction of liver cancer by dietary deficiency of choline and methionine without added carcinogens. Carcinogenesis, 5: 1367-70.

Grube, B.J., Eng, E.T., Kao, Y.C., Kwon, A. and Chen, S. (2001). White button mushroom phytochemicals inhibit aromatase activity and breast cancer cell proliferation. Journal of Nutrition, 3288-3293.

Greenlee, R.T., Murray, T., Bolden, S. Wingo, P.A. (2000). Cancer journal for clinicians. (Articles), Journal for Clinicians, 50: 7-33.

Grice, H.C. (1986). Safety evaluation of butylated hydroxyanisole (BHA) in the liver, lung and gastrointestinal tract. Food and Chemical Toxicology, 24 ; 1127-1130.

Gulcin, I., Buyukokuroglu, M.E., Oktay, M. and Kufrevioglu, O.I., (2002a). On the *in vitro* antioxidant properties of melatonin. Journal of Pineal Research, 33, 167-171.

Gulcin, I., Oktay, M., Kufrevioglu, O.I., Aslan A.,(2002b). Determination of antioxidant activity of lichen Cetraria islandica (L) Ach. Journal of Ethnopharmacology 79, 325-329.

Hall, A.H.S. and Alexander, K.A. (2003) RNA interference of human papillomavirus virus type 18 E6 and E7 induces senescence in HeLa cells. Journal of Virology. 77(10): 6066-6069.

Halliwell, B and Gutteridge, J.M.C. (2003). Free Radicals in Biology and Medicine, 23 pp. Oxford University Press, Oxford, UK.

Halliwell, B. (1997). Antioxidants and human disease: A general introduction. Nutrition Review, 55, S44-S49.

Ham, S.S., Kim, H.J., Choi, K.P. and Lee, D.S., (1997). Antigenotoxic effects of methyl alcohol extracts from *Auricularia auricula* and *Gryophora esculenta*. Journal of Korean Food Science Nutrition, 26, 57-62.

Hazeena Begum, V.M., Mahesh, R., Ramesh, T and Soundrarajan, P. (2002). Effect of *Aerva Lenata* against oxalate mediated free radical toxicity in urolithiasis. Oriental Pharmacology and Experimental Medicine. 8(1), 59-66.

Hertog, M. G. L., Feskens, E. J. M. Hollman, P. C. H., Katan, M. B. and Kromhout, D. (1993). Dietary antioxidant flavonoides and risk of coronary heart disease: the Zutphen elderly study. Lancet, 342, 1007-1011.

Hirano, R., Sasamoto, W., Matsumoto, A., Hakura, H., Igaraghi, O., and Kondo, K. (2000). Antioxidant ability of various flavonoids against DPPH radicals and LDL oxidation. Journal of Nutritional Science and Vitaminology (Tokyo), 47, 357-362.

Hobbs, C. (1995). Medicinal mushrooms. Santa Cruz: Botanica Press.

Hobbs, C.R. (2000) Medicinal value of *Lentinus edodes* (Agaricomycetideae). A Literature Review. International Journal Of Medicinal Mushroom. 2, 287-302.

Hollstein, M., Sidransky, D., Vogelstein, B. (1991). p53 mutations in human cancers. Science, 253, 49-53

Hong, W.K., Sporn, M.B. (1997). Recent advances in chemoprevention of cancer, Science 278, 1073-1077.

Hoppe-Seyler, F. and Butz, K. (1993) Repression of endogenous p53 transactivation function in Hela cervical carcinoma cells by human papillomavirus type 16E6, human mdm-2, and mutant p53. Journal of Virology, 67(5-6): 3111-3117.

Houghton, P.J., and Raman, A. (1998). Laboratory handbook for the fractionation of natural extracts (1st ed.) London: Chapman and Hall.

Howley, P.M., Munger, K., Werness, B.A., Phelps, W.C., and Schlegel, R. (1989) Molecular mechanisms of transformation by the human papillomaviruses. Princess Takamatsu Symposium, 20, 199-206.

Huang, S., (2002). Histone methyltransferases, diet nutrients and tumour suppressors. Nature Review of Cancer, 2: 469-76.

Huh, W. K., R. B. S., Roden (2008). Review: The future of vaccines for cervical cancer. Journal of Gynaecologic Oncology, 109, S48-S56.

Immunohistochemical Staining Methods ,(2006) (1-183) pp, 4th Edition, Education Guide, DAKO, Pathology,

Jemal, A., Murray, T., Ward, E., Samuels, A., Tiwari R.C., Ghafoor, A., Fuehr, E.J., Thun, M.J. (2005). Cancer statistics, 2005, Cancer Journal of Clinical, 55 (1): 10-30.

Kaur, C. and Kapoor, H.C. (2001). Antioxidant in fruits and vegetables – the millennium's health. International Journal of Food Science and Technology, 36, 703-725.

Kho,Y. (2008). Antimicrobial, antioxidant and fibrinolytic activities of Auricularia auricula-judae (FR.) QUEL. Master Degree of Science Thesis, University Of Malaya, Kuala Lumpur.

Kho, Y. S., Sabarathnam, V., Abdullah, N., Kuppusamy, U.R. and Oh, H.I. (2009). Antioxidant capacity of fresh and processed fruitbodies and mycelium of *Auricularia auricula-judae* (Fr.) Quél, Journal of Medicinal Food, 12,: 167-174.

- Kitzbeiger, C.S.G., Artur, Smania, Jr., Rozangela, C.P. and Sandra Regina S.F., (2007). Antioxidant and antimicrobial activities of Shiitake (*Lentinula edodes*) extracts obtained by organics solvents and supercritical fluids. Journal of Food Engineering, 80, 631- 638.
- Knekt, P., Jarvinen, R., Seppanen, R., Heliovaara, M., Teppo, L. and Aroma, A. (1997). Dietary flavonoides and the risk of lung cancer and other malignant neoplasma. American Journal of Epidemiology, 146, 223-230.
- Kocchar, S.P. and Rossell, J.P. 1990. Detection, estimation and evaluation of antioxidants in food systems. Journal of Food and Chemistry, Elsevier, 19-64.
- Koyama, K., Akiba, M., Imaizumi, T, Kinoshita, K., Takahashi, K., Suzuki, A., Yano, S., Horie, S., and Watanabe, K. (2002). Antinociceptive constituents of *Auricularia polytricha*. Planta Medica, 68, 284-285.
- Kulesz-Martin, M.F. (1997). Biological aspects of multistage carcinogenesis as studied in experimental animals and in cell culture models. In: Sipes, I.G., McQueen, C.A., Gandolfi, A.J., Bowden, G.T. and Fischer, S.M. Comprehensive toxicology. (Eds) Elsevier Science Limited, UK, pp,7-30.
- Kleinsmith, L.J., (2006). Principles of Cancer Biology. Pearson Benjamin Cummings
- Lakeman, F. (1997). Diagnosis of viral infections. In: Richman, D.D., Whitley, R.J. and Hayden, F.G. Clinical Virology. (Eds) Churchill Livingstone, UK. pp, 251-270.
- Lavi, I., Friesem, D., Garesh, S., Hadar, Y. and Schwartz, B. (2006). An aqueous polysaccharides extracts from edible mushroom *Pleurotus ostreatus* induces anti-proliferative and pro-apoptotic effects on HT-29 colon cancer cells. Cancer Letters, 244, 61-70.

Lee, L.Y., Yen, T.M., and Mau, J.L. (2006). Antioxidant properties of various extracts from *Hypsizigus marmoreus*. Food Chemistry.

Lee, Y.L., Jian, S.Y., Lian P.Y. and Mau J.L. (2008). Antioxidant properties of extracts from a white mutant of the mushroom *Hypsizigus marmoreus*. Journal of Food Composition and Analysis, 21, 116-124.

Leow R. (2006). Cytotoxic and anti-human papillomavirus activities in Zingiberaceae. Master Degree of Science Thesis, University of Malaya, Kuala Lumpur.

Liebsch, H.M. and Spielmann, H. (1995). Balb/c 3T3 cytotoxicity test. In: O'Hare ,S. and Atterwill, C.K. In vitro toxicity testing protocols. (Eds) Human Press Inc., US. pp, 177-187.

Lin, H.C. (1999). Evaluation of taste quality and antioxidant properties of edible and medicinal mushrooms. Master's Degree Thesis, National Chung-Hsing University.

Lindequist, U., Niedermeyer, T.H.J., and Julich, W.D. (2005). The pharmacological potential of mushrooms. Evidence-based Complementary and Alternative Medicine, 2, 285-299.

Liu, F., Ooi, V.E.C., and Chang, S.T. (1993). Free radical scavenging activities of mushroom polysaccharide extracts. Life Sciences, 60, 763-771.

Liu, R.H., 2003. Health benefits of fruits and vegetables are from additive and synergistic combination of phytochemicals. Journal of Clinical Nutrition. 78, 5175-5205.

Lo, K.M., Cheung, P.C.K. (2005). Antioxidant activity of extracts from the fruiting bodies of *Agrocybe aegerita* var.alba., Food Chemistry, 89, 533-539.

Lotito, S.B. and Fraga, C.G. (1998). (+) Catechin prevents human plasma oxidation. Free Radical Biology and Medicine, 24, 435-441.

Madhavi, D.L., Singhal, R.S., and Kulkarni, P.R., (1996). Technological aspects of food antioxidants. In D.L. Madhavi, S.S. Deshpande, & D. K. Salunkhe (Eds.), Food antioxidants technological toxicological and health perspectives (pp. 59-265).

Manzi, P., Aguzzi, A., Pizzoferrato, L. (2001). Nutritional value of mushrooms widely consumed in Italy. Food Chemistry, 73, 321-325.

Mason, D.Y., Stein, H., Nasem, M., and Abdulaziz, M. (1981) Immunohistological analysis of human lymphoid tissue by double immunoenzymatic labeling. Journal of Cancer Research and Clinical Oncology, 101, 13-22.

Matoba, S., Kang, J., Patino, W., Wragg, A., Boehm, M., Gavrilova, O., Hurley, P., and Hwang, P. (2006), p53 regulates mitochondrial respiration. Science, 312, 5780:1650-3.

Mau, J.L., Chang, C.N., Huang, S.J., Chen, C.C. (2004) Antioxidant properties of methanolic extracts from *Grifola frondosa*, *Morchella esculanta* and *Termitomyces albuminosus* mycelia. Food Chemistry, 87, 111-118.

Mau, J.L., Chao, G.R., and Wu, K.T. (2001). Antioxidant properties of methanolic extracts from several ear mushrooms. Journal of Agricultural and Food Chemistry, 49, 5461-5467.

Mau, J.L., Lin, H.C. and Song, S.F. (2002). Antioxidant activity of several specialty mushrooms. Food Research International, 35, 519-526.

Meir, S., Kanner, J., Akiri, B., Hadas, S.P., (1995). Determination and involvement of aqueous reducing compounds in oxidative defence systems of various senescing leaves. Journal of Agricultural and Food Chemistry 43, 1813-1815.

Miller, A. B. (1990). Diet and cancer: a review, Review of Oncology, 3, 87-95.

Misaki, A., Kishida, E., Kakuta, M., and Tabata K. (1993) Antitumor fungal (1→3) - β -D-glucans: structural diversity and effects of chemical modifications. In: Yalpani M, ed. Proc.

204th ACS Symposium on Industrial Polysaccharides: Carbohydrates and Carbohydrate Polymers, ATL Press, pp, 116-129.

Mitamura, T., Sakamoto, S., Suzuki, S., Yoshimura, S., Maemura, M. and Kudo, H. (2000). Effects of lentinan on colorectal carcinogenesis in mice with ulcerative colitis, Oncology Report, 7, 599-601

Mizuno, T. (1999). The extraction and development of antitumor active polysaccharides from medicinal mushroom in Japan. International Journal Of Medicinal Mushroom, 1, 9 - 29.

Morgan, D.C., Mills, C.K., Lefkowitz, L.D., Lefkowitz, S.S., 1991. An improved colorimetric assay for tumor necrosis factor using WEHI 164 cells cultured on novel microtiter plates. Journal of Immunology Methods, 145, 259-262.

Morrow, C.S. and Cowan, K.H. (2000). Drug resistance and its clinical circumvention. In: Bast, R.C., Kufe, D.W., Pollock, R.E., Weichselbaum, R.R., Holland, J.F., Frei, E. and Gansler, T.S. Cancer Medicine. (Eds) B.C. Decker Inc., Canada, pp, 539-555.

Nagle, R.B. (1997). Introduction to neoplasia. In: Sipes, I.G., McQueen, C.A., Gandolfi, A.J., Bowden, G.T. and Fisher, S.M. Comprehensive toxicology. (Eds) Elsevier Science Limited., UK, pp. 1-6.

Newmark, H.L., Yang, K., Lipkin, M., Kopelovich, L., Liu, Y., Fan, K., Shinozaki, H. (2001). Carcinogenesis, 11: 1871-15.

Newman, G.R., Jasani, B. and Williams, E.D. (1983) A simple post-embedding system for the rapid demonstration of tissue antigens under the electron microscope. Journal of Histochemical, 15, 543-555.

Ng, M.L. and Yap, A.T. (2002). Inhibition of human colon carcinoma development by lentinan from shiitake mushrooms (*Lentinus edodes*). Journal of Alternative Complement Medicine, 8, 581-589.

Niki, E. Shimaski, H. and Mino, M (1994). Antioxidantism- free radical and biological defense. Tokyo ; Gakkai Syuppan Center.

Nor Hayati, O. (2003). Cancer of the cervix – from bleak past to bright future. Puncak Barisan Sdn. Bhd., Malaysia.

Nowell, P.C. (1986). Mechanisms of tumor progression. Cancer Research, 46, 2203-2207.

O'Brien, P.M., Compo, M.S., (2003). Papillomavirus: a correlation between immune evasion and oncogenicity? Trends Microbiology, 11, 300-305

Othman, A., Ismail, A., Abdul Ghani, N. and Adenan, I. (2007). Antioxidant capacity and phenolic content of cocoa beans. Food Chemistry, 100, 1523-1530.

Oyaizu, M., (1986). Studies on product of browning reaction prepared from glucose amine. Japanese Journal of Nutrition 44, 307-315.

Peleg, H., Naim, M., Rouseff, R.L. and Zehavi, U. (1991). Distribution of bound and free polyphenolic acids in oranges (*Citrus sinensis*) and grapefruit (*Citrus paradise*). Journal of the Science Food and Agriculture, 57, 417-426.

Pellegrini, N., Serafini, M., Colombi, B., Del Rio, D., Salvatore, S., Bianchi, M., and Brighenti, F. (2003). Total antioxidant capacity of plant foods, beverages, and oils consumed in Italy assessed by three different in vitro assays. Nutrient Requirements, 133, 2812-2819.

Qeulet, Lucien. (1886) Index Fungorum, (<http://www.indexfungorum.org>).

Reed, J.C. (2001). Apoptosis- regulation proteins as targets for drug discovery, *Trend Molecular Medicine*, 7, 314-319.

Reinacher-Schick, A., Schoeneck, A., Graeven, U., Schwarte-Waldhoff, I. and Schmiegel, W. (2003) Mesalazine causes a mitotic arrest and induces caspase dependent apoptosis in colon carcinoma cells. *Journal of Carcinogenesis*, 24, 443-451.

Ren, G., Zhao, Y.P., Yang, L and Fu, C.X. (2008). Anti-proliferative effect of clitocine from the mushroom *Leucopaxillus giganteus* on human cervical cancer Hela cells by inducing apoptosis. *Cancer Letters*, 262, 190-200.

Riddell, R.J., Panacer, D.S., Wilde, S.M., Clothier, R.H. and Balls, M. (1986). The importance of exposure period and cell type in *In Vitro* cytotoxicity tests. *Alternatives to Laboratory Animals*, 14, 86-92.

Ries, L., Wingo, P. A., Miller, D.S., Howe, H., Weir, H.K., Rosenberg, H.M., Vernon, S.W., Cronin, K. & Edwards, B.K. (2000). The annual report to the nation on the status of cancer. 1973-1997, with a special section on colorectal cancer. *Journal of Nutrition and Cancer*, 88, 2398-2424.

Rollins, B.J., Golub, T.R., Polyak, K. and Stiles, C.D. (2000). Cancer Biology. In: Bast, R.C., Kufe, D.W., Pollock, R.E., Weichselbaum, R.R., Holland, J.F., Frei, E. and Gansler, T.S. *Cancer Medicine*. (Eds) B.C. Decker Inc., Canada, pp, 1-16.

Santosh, K., K., Hasan M., (1998). Tea antioxidant in cancer chemoprevention. *Journal of Cellular Biochemistry*, 27, 59-67.

Scheffner, M., Werness, B.A., Huibregtse, J.M., Levine, A.J., and Howley, P.M. (1990) The E6 oncoprotein encoded by human papilloma virus types 16 and 18 promotes the degradation of p53. *Cell*, 63(4-6): 1129-1136.

Schlesier, K., Harwat, M., Bohm, V., and Bitsch, R. (2002). Assessment of antioxidant activity by using different in vitro methods. Free Radical Research, 36, 177-187.

Shahidi, F. and Wanasundara, P.K.J.P.D. (1992). Phenolic antioxidants. Critical Reviews in Food Science and Nutrition 32, 67-103.

Singleton, V.L. and Rossi, J.A. (1965). Colorimetry of total phenolics with phosphomolybdic- phosphotungstic acid reagents. American Journal of Enology Viticulture, 16, 144-158.

Smith, J.S., Lindsay, L., Hoots, B., Keys, J., Franceschi, S.,and Winer, R. (2007).Human papillomavirus type distribution in invasive cervical cancer and high-grade cervical lesions: a meta-analysis update. International Journal of Cancer 121, 621-632

Soong, Y.Y. and Barlow, P.J. (2004). Antioxidant activity and phenolic content of selected fruit seeds. Food Chemistry, 88, 411-417

Sporn, M.B. (1991). Carcinogenesis and cancer: different perspectives on the same disease, Cancer Research, 51, 6215-6218.

Steinberg, D., (1991). Antioxidants and atherosclerosis: a current assessment. Circulation, 84, 1420-1425.

Sujatha, R. (2005). Cytotoxic and antioxidant activities of selected Pleurotus spp. grown in Malaysia. Master Degree of Science Thesis, University of Malaya, Kuala Lumpur.

Surh, Y.J. (1999). Molecular mechanisms of chemopreventive effects of selected dietary and medicinal phenolic substances. Mutagen Research / Fundamental and Molecular Mechanisms of Mutagenesis, 428, 305-327.

Sutherland, R.L. (1999). Molecular basis of carcinogenesis. In: Bishop, J.F. Cancer facts: A concise oncology text. (Ed) Harwood Academic Publishers, Australia, pp, 13-16.

Talwar, G.P., Dar, S.A., Mahendra, K.R., Reddy, K.V.R., Mitra, D., Kulkarni, S.V., Doncel, G.F., Buck, C.B., Schiller, J.T., Muralidhar, S., Bala, M., Agrawal, S. S., Bansal, K. and Verma, J.K. (2008). A novel polyherbal microbicide with inhibitory effect on bacterial, fungal and viral genital pathogens. International Journal of Antimicrobial Agents, pp, 1-6.

Tanaka, M., Kuie, C.W., Nagashima, Y., and Taguchi, T. (1988). Application of antioxidative Maillard reaction products from histidine and glucose to saidine products. Nippon Suisan Gakkaishi, 54, 1409-1414.

Teissedre, P.L., Frankel, E.N., Waterhouse, A.L., Peleg, H., and German, J.B. (1996). Inhibition of in vitro human LDL oxidation by phenolic antioxidants from grapes and wines. Journal of the Science of Food and Agriculture, 70, 55-61.

Tsai, S.Y., Tsai, H-L., and Mau, J.L. (2007). Antioxidant properties of *Agaricus Blazei*, *Agrocybe cylindracea*, and *Boletus edulis*. LWT-Food Science and Technology, 40, 1392-1402.

Umamaheswari, S., Norhanom A. W., Noni, A., Mustafa M.A. and Neelam, S. (1998). Screening for anticancer compounds from actinomycetes isolated from Malaysian rain forests. In: 10th National Biotechnology Seminar, SIRIM Berhad, Kuala Lumpur, pp,1-5.

Van den Brande, J., Schoffski, P., Schellens, J. H. M., Roth, A.D., Duffaud, F., Weigang-Kohler, K., Reinkle, F., Wanders, J., de Boer, R. F., Vermorken, J.B. and Fumaleau, P. (2003). EORTC early clinical studies group early phase II trial of S-I in patients with advanced or metastatic colorectal cancer. British Journal of Cancer, 88, 648-653.

Villa, L.L. and Schelgel, R. (1991). Differences in transformation activity between HPV-18 and HPV-16 map to viral LCR-E6-E7 region. Virology, 181, 374-377.

Vinson, J. A., Hao, Y. and Zubic, S.K., (1998). Food antioxidant quantity and quality in foods: vegetables. Journal of Agricultural Food Chemistry, 46, 3630-3634.

Vogel, V., Costantino, J., Wickerham, D., Cronin, W., Celchini, R., Atkins, J., Bevers, T., Fohrenbacher, L., Pajan, E., Wade, J., Robidoux, A., Margolese, R., James, J., Lippman, S., Runowicz, C., Gonz, P., Reis, S., Mccaskill-Stevens, W., Ford, L., Jordon, V and Wolmark, N. (2006). Effects of tamoxifens vs raloxifen on the risk of developing invasive breast cancer and other diseases outcomes: the NSABP study of Tamoxifen and Raloxifen P-2 Trial. JAMA, 295,(23): 2727-4.

Wasser, S.P. and Weis, A.L. (1999). Medicinal properties of substances occurring in higher basidiomycetes mushroom: current perspective, International Journal of Medicinal Mushrooms, 1, 3- 5.

Wasser, S.P., Nevo, E., Sokolov, D., Reshetnikov, S.V., and Timor-Tismanetsky, M. (2000). Dietary supplements from medicinal mushrooms: Diversity of types and variety of regulations. International Journal of Medicinal Mushrooms, 2, 1-19.

Weinstein, I.B. (1988). The origins of human cancer: Molecular mechanisms of carcinogenesis and their implications for cancer prevention and treatment. Cancer Research, 48, 4135-4143.

Weston, A. and Harris, C.C. (2000). Chemical carcinogenesis. In: Bast, R.C., Kufe, D.W., Pollock, R.E., Weichselbaum, R.R., Holland, J.F., Frei, E. and Gansler, T.S. Cancer Medicine. (Eds) B.C. Decker Inc., Canada, pp, 185-194.

Williams, G. M., and Iatropoulus, M.J. (1997). Anticarcinogenic effects of synthetic phenolic antioxidants. In Oxidants, antioxidants, and free radicals (pp. 341-350). USA: Taylor and Francis.

Whici, H.P (1988). Enhanced tumor development by butylated hydroxyanisole (BHA) from the perspective effect on forest and oesophageal squamous epithelium. Food and Chemical

Toxicology, 26 ; 717-723.

WHO (February, 2007), The World Health Organization's fight against cancer: strategies that prevent, cure and care.

Wong, K.H. (2007). Antimicrobial, antioxidant and stimulation of neurite outgrowth activities of *Hericium erinaceus* (Bull.: FR.) Pers. Master Degree of Science Thesis, University of Malaya, Kuala Lumpur.

Women's Health Report, (2007). Fiscal Report (2005-2006), National Cancer Institute, USA, 51 p.p.

Wood, C., Harrington, W., (2005). AIDS and associated malignancies. Cellular Research, 15, 11-12: 947-52.

Yen, G.C., Duh, P.D., Tsai, C.L. (1993). The relationship between antioxidant activity and maturity of peanut hulls. Journal of Agricultural and Food Chemistry, 41, 67-70.

Yoon, S.J., Yu, M.A., Pyun, Y.R. (2003) The nontoxic mushroom *Auricularia auricula* contains a polysaccharide with anticoagulant activity mediated by antithrombin. Thrombosis Research. Public Medicine, 112, 151–158.

Yu, L., Haley, S., Perret, J., Harris, M., Wilson, J. and Qian, M. (2002). Free radical scavenging properties of wheat extracts. Journal of Agricultural and Food Chemistry, 50, 1619-1624.

Yuan, Z., He, P., Takeuchi H.(1998). Ameliorating effects of water-soluble polysaccharides from Woody Ear (*Auricularia auricula-judae* Quel.) in genetically diabetic KK-Ay Mice.Journal of Nutritional Science and Vitaminology, 44, 829-840.

Ziegler, R.G. (1989) A review of epidemiologic evidence of carotenoids reduce the risk of cancer. Journal of Nutritional, 119: 116-122

Zur Hausen, H. (1994). Molecular pathogenesis of cancer of the cervix and its causation by specific human papillomavirus types. Current Topic Microbiology and Immunology, 186, 131-156.

Zur Hausen, H. (2000). Papillomaviruses causing cancer: Evasion from host-cell control in early events in carcinogenesis. Journal of the National Cancer Institute, 92, 690-698.