

BIBLIOGRAPHY

1. **Abcam.com.** (n.d.). *Counting cells using a hemocytometer | Abcam.* [online] Available at: <http://www.abcam.com/protocols/counting-cells-using-a-hemocytometer> [Accessed 23 Jun. 2014].
2. **Abdel-Massih, R., Abdou, E., Baydoun, E. and Daoud, Z.** (2010). Antibacterial Activity of the Extracts Obtained from *Rosmarinus officinalis*, *Origanum majorana*, and *Trigonella foenum-graecum* on Highly Drug-Resistant Gram Negative Bacilli. *Journal of Botany*, 2010, pp.1-8.
3. **Acharya, S., Acharya, K., Paul, S. and Basu, S.** (2011). Antioxidant and antileukemic properties of selected fenugreek (*Trigonella foenum-graecum* L.) genotypes grown in western Canada. *Can. J. Plant Sci.*, 91, pp.99-105.
4. **Agha-Hosseini, F., Mirzaii-Dizgah, I., Farmanbar, N. and Abdollahi, M.** (2012). Oxidative stress status and DNA damage in saliva of human subjects with oral lichen planus and oral squamous cell carcinoma. *Journal of Oral Pathology & Medicine*, 41(10), pp.736-740.
5. **Ainsworth, E. and Gillespie, K.** (2007). Estimation of total phenolic content and other oxidation substrates in plant tissues using Folin–Ciocalteu reagent. *Nat Protoc*, 2(4), pp.875-877.
6. **Akhter, M., Rahman, Q., Hossain, S. and Molla, M.** (2011). A study on histological grading of oral squamous cell carcinoma and its co-relationship with regional metastasis. *Journal of Oral and Maxillofacial Pathology*, 15(2), p.168.
7. **Alderton, W., Cooper, C. And Knowles, R.** (2001). Nitric oxide synthases: structure, function and inhibition. *Biochem. J.*, 357(3), pp.593-615.
8. **Anneroth, G., Batsakis, J. and Luna, M.** (1987). Review of the literature and a recommended system of malignancy grading in oral squamous cell carcinomas. *Eur J Oral Sci*, 95(3), pp.229-249.
9. **Antony, M., Kim, S. and Singh, S.** (2012). Critical Role of p53 Upregulated Modulator of Apoptosis in Benzyl Isothiocyanate-Induced Apoptotic Cell Death. *PLoS ONE*, 7(2), p.e32267.
10. **Arivalagan, M., Gangopadhyay, K. and Kumar, G.** (2013). Determination of Steroidal Saponins and Fixed Oil Content in Fenugreek (*Trigonella foenum-graecum*) Genotypes. *Indian Journal of Pharmaceutical Sciences*, 75(1), p.110.

11. **Arlt, A., Krebs, S., Geismann, C., Kruse, M., Schreiber, S., Sebens, S. and Schafer, H.** (2012). 625 Nrf2 Inhibition by the Coffee Constituent Trigonelline Sensitizes Pancreatic Cancer Cells for Apoptosis by Death Ligands and Chemotherapeutic Drugs. *European Journal of Cancer*, 48, p.S148.
12. **Arlt, A., Sebens, S., Krebs, S., Geismann, C., Grossmann, M., Kruse, M., Schreiber, S. and Schäfer, H.** (2013). Inhibition of the Nrf2 transcription factor by the alkaloid trigonelline renders pancreatic cancer cells more susceptible to apoptosis through decreased proteasomal gene expression and proteasome activity. *Oncogene*, 32(40), pp.4825-4835.
13. **Arredondo, J.** (2006). Receptor-mediated tobacco toxicity: cooperation of the Ras/Raf-1/MEK1/ERK and JAK-2/STAT-3 pathways downstream of 7 nicotinic receptor in oral keratinocytes. *The FASEB Journal*, (2012), pp.2093-2101.
14. **Atsumi, S., Fujisawa, S., Satoh, K., Sakagami, H., Iwakura, I., Ueha, T., Sugita, Y. and Yokoe, I.** (2000). Cytotoxicity and radical intensity of eugenol, isoeugenol or related dimers. *Anticancer Res*, 20, pp.2519–2524.
15. **Atta, A. and Alkofahi, A.** (1998). Anti-nociceptive and anti-inflammatory effects of some Jordanian medicinal plant extracts. *Journal of Ethnopharmacology*, 60(2), pp.117-124.
16. **Axel H., S.** (2004). *Checkpoint Controls and Cancer*. Totowa, NJ. Humana Press Inc., pp.301-311.
17. **Balsevich, J., Bishop, G. and Deibert, L.** (2009). Use of digitoxin and digoxin as internal standards in HPLC analysis of triterpene saponin-containing extracts. *Phytochem. Anal.*, 20(1), pp.38-49.
18. **Barceloux, D.** (2009). Cinnamon (Cinnamomum Species). *Disease-a-Month*, 55(6), pp.327-335.
19. **Barnes, J., Anderson, L. and Philipson, J.** (2007). *Herbal medicines*. 3rd ed. Pharmaceutical press, pp.162-163. British Herbal Pharmacopoeia 1996.
20. **British Herbal Medicine Association revised by its scientific committee.** (1996).
21. **Bushra, A., Ibrahim, J., Jacinta, S. and Jamia, A.** (2005). Antifungal Activity of the Bark and Leaf Oils of Cinnamomum verum J.S. Presl. Alone and in Combination against Various Fungi. *Jurnal Sains Kesihatan Malaysia (Malaysian Journal of Health Sciences.)*, 3(1), pp.1-12.

22. **Carmichael, J., Mitchell, J., DeGraff, W., Gamson, J., Gazdar, A., Johnson, B., Glatstein, E. and Minna, J.** (1988). Chemosensitivity testing of human lung cancer cell lines using the MTT assay. *Br J Cancer*, 57(6), pp.540-547.
23. **Carrasco, A., Espinoza, C., Cardile,, V., Gallardo, C., Cardona, W., Lombardo, L., Catalán, M., Cuellar, F. and Russo, A.** (2008). Eugenol and its synthetic analogues inhibit cell growth of human cancer cells (Part I). *Journal of the Brazilian Chemical Society*, 19(3), pp.543-548
24. **Casalinuovo, I., Francesco, P. and Garaci, E.** (2004). Fluconazole resistance in *Candida albicans*: a review of mechanisms European Review for Medical and Pharmacological Sciences. *European Review for Medical and Pharmacological Sciences*, 8, pp.69-77.
25. **Catherine, U.** (2010). *Natural Standard Herb and Supplement Guide – A evidence based reference*. Elsevier Health Sciences, pp.235-238; 326,327.
26. **Ceyhun Sezgin, A. and Art Pk, N.** (2010). Determination of Saponin Content in Turkish Tahini Halvah by Using HPLC. *Advance Journal of Food Science and Technology*, 2(2), pp.109-115.
27. **Charde, M., Chakolkar, M., Welankiwar, A., Keshwarand, U. and Shrikande, B.** (2014). Development of validated HPTLC method for the estimation of eugenol in marketed herbal formulation of muscle and joint HRX pain relieving oil. *International Journal of Phytopharmacy*, 4(1), pp.28-32.
28. **Chávez-Quintal, P., González-Flores, T., Rodríguez-Buenfil, I. and Gallegos-Tintoré, S.** (2011). Antifungal Activity in Ethanolic Extracts of *Carica papaya* L. cv. Maradol Leaves and Seeds. *Indian J Microbiol*, 51(1), pp.54-60.
29. **Chávez-Quintal, P., González-Flores, T., Rodríguez-Buenfil, I. and Gallegos-Tintoré, S.** (2011). Antifungal Activity in Ethanolic Extracts of *Carica papaya* L. cv. Maradol Leaves and Seeds. *Indian J Microbiol*, 51(1), pp.54-60.
30. **Chem spider, (n.d).** *Trigonelline*. [image] Available at: <http://www.chemspider.com/Chemical-Structure.5369.html> [Accessed 10 Aug. 2012].
31. **Chen, Y., Ma, Y. and Ma, W.** (2009). Pharmacokinetics and bioavailability of cinnamic acid after oral administration of ramulus cinnamomi in rats. *European Journal of Drug Metabolism and Pharmacokinetics*, 34(1), pp.51-56.

32. **Chia-Wen, L., Wang Chia-Wen, L., Sung-Chuan, W. and Kuang-Hway, Y.** (2009). DPPH Free-Radical Scavenging Activity, Total Phenolic Contents and Chemical Composition Analysis of Forty-Two Kinds of Essential Oils. *Journal of Food and Drug Analysis.*, 17(5), pp.386-395.
33. **Chopra, S., Ahmad, F., Khar, R., Motwani, S., Mahdi, S., Iqbal, Z. and Talegaonkar, S.** (2006). Validated high-performance thin-layer chromatography method for determination of trigonelline in herbal extract and pharmaceutical dosage form. *Analytica Chimica Acta*, 577(1), pp.46-51
34. **Choudhary, K., Gandhi, N., Panda, S. and Rajeev, R.** (2012). Role of bacteria in oral carcinogenesis. *South Asian Journal of Cancer*, 1(2), pp.78-83.
35. **Christine, M. and John, A.** (2008). The Role of Herbs and Spices in Cancer Prevention. *J Nutr Biochem*, 19(6), pp.347–361.
36. **Chulasiri, M., Picha, P., Rienkijkan, M. and Preechanukool, K.** (1984). The Cytotoxic Effect of Petroleum Ether and Chloroform Extracts from Ceylon Cinnamon (*Cinnamomum zeylanicum* Nees) Barks on Tumor Cells in Vitro. *International Journal of Crude Drug Research*, 22(4), pp.177-180.
37. **Delfosse, M.** (1998). Drogues végétales plants médicinales. *Service Scientifique de l'Association Phar Pharmaceutique. Belge*, pp.102-105.
38. **Do Thi, H. and Do Thi, T.** (2013). Preliminary Findings on Anticancer and Lymphocyte Stimulated Activities of Bioactive Compounds Extracted from Vietnam Carica papaya Leaves. *Journal of Food Science and Engineering*, 3, pp.447-452.
39. **Dominique, Z., Rodrigo, F., Aglaia, P. and Mihalis, I.** (2011). Reactive Oxygen Species (ROS)—Induced genetic and epigenetic alterations in human carcinogenesis. *Mutation Research*, 711, pp.167–173.
40. **Doss, A., Pugalenti, M., Rajendrakumaran, D. and Vadivel, V.** (2010). Phenols, Flavonoids and Antioxidant activity of under utilized legume seeds. *Asian J. Exp. Biol. Sci.*, 1(3), pp.700-705.
41. **Dreher, D. and Junod, A.** (1996). Role of Oxygen Free Radicals in Cancer Development. *Eur J Cancer*, 32(1), pp.30-38.
42. **Dwivedi, P., Mallya, S. and Dongari-Bagtzoglou, A.** (2009). A novel immunocompetent murine model for *Candida albicans* -promoted oral epithelial dysplasia. *Med Mycol*, 47(2), pp.157-167.
43. E/S/C/O/P Monographs. The scientific foundation for herbal medicinal products. (2003). 2nd ed. Thieme, pp.92-97.

44. **Easu, K.** (1964). *Plant Anatomy*. New York: John Wiley and sons, p.767.
45. **Easu, K.** (1979). *Anatomy of seed Plants*. New York: John Wiley and sons, p.550.
46. **Edwin Jarald, E. and Edwin Jarald, S.** (2006). *Color atlas of medicinal plants, common names and classifications.*. CBS Publishers & Distributors, pp.65, 251.
47. **Ferhout, H., Bohatier, J., Guillot, J. and Chalchat, J.** (1999). Antifungal Activity of Selected Essential Oils, Cinnamaldehyde and Carvacrol against *Malassezia furfur* and *Candida albicans*. *Journal of Essential Oil Research*, 11(1), pp.119-129.
48. **Galbiatti, A., Ruiz, M., Rodrigues, J., Raposo, L., Maníglia, J., Pavarino, É. and Goloni-Bertollo, E.** (2011). Polymorphisms and haplotypes in methylenetetrahydrofolate reductase gene and head and neck squamous cell carcinoma risk. *Molecular Biology Reports*, 39(1), pp.635-643.
49. **Gamble, J.** (1935). *Flora of the Presidency of Madras*. Calcutta, India: Vol. I, II, & III. Botanical Survey of India.
50. **Gamopetala, M.** (1983). *The Ranipat. Herbarium*. Tiruchirappalli, India: St.John's College, pp.689-1540.
51. **Ghosh, R., Nadiminty, N., Fitzpatrick, J., Alworth, W., Slaga, T. and Kumar, A.** (2005). Eugenol Causes Melanoma Growth Suppression through Inhibition of E2F1 Transcriptional Activity. *Journal of Biological Chemistry*, 280(7), pp.5812-5819.
52. **Gilyoma, J., Rambau, P., Masalu, N., Kayange, N. and Chalya, P.** (2015). Head and neck cancers: a clinico-pathological profile and management challenges in a resource-limited setting. *BMC Research Notes*, 8(1), p.772.
53. **Gopu, C., Aher, S., Mehta, H., Paradkar, A. and Mahadik, K.** (2008). Simultaneous determination of cinnamaldehyde, eugenol and piperine by HPTLC densitometric method. *Phytochem. Anal.* 19(2), pp.116-121.
54. **Govindachari, T., Pai, B. and Narasimhan, N.** (1954). pseudoCaripaine, a new alkaloid from *Carica papaya* L. *Journal of the Chemical Society (Resumed)*, pp.1847-1849.
55. **Gupta, A., Wambebe, C. and Parsons, D.** (1990). Central and Cardiovascular Effects of the Alcoholic Extract of the Leaves of *Carica papaya*. *International Journal of Crude Drug Research*, 28(4), pp.257-266.

56. **Guttenplan, J., Kosinska, W., Zhao, Z., Chen, K., Aliaga, C., DelTondo, J., Cooper, T., Sun, Y., Zhang, S., Jiang, K., Bruggeman, R., Sharma, A., Amin, S., Ahn, K. and El-Bayoumy, K.** (2011). Mutagenesis and carcinogenesis induced by dibenzo[a,l]pyrene in the mouse oral cavity: a potential new model for oral cancer. *International Journal of Cancer*, 130(12), pp.2783-2790
57. **Halliwell, B.** (1991). Reactive oxygen species in living systems: Source, biochemistry, and role in human disease. *The American Journal of Medicine*, 91(3), pp.S14-S22.
58. **Halliwell, B. and Gutteridge, J.** (1991). Free radicals in biology and medicine, second edition. *Free Radical Biology and Medicine*, 10(6), pp.449-450.
59. **Hanahan, D. and Weinberg, R.** (2011). Hallmarks of Cancer: The Next Generation. *Cell*, 144(5), pp.646-674.
60. **Hansel, H., Keller, K., Rimpler, H. and Schneider, G.** (1992). *Cinnamomi cortex*. In: *Hagers Handbuch der Pharmazeutischen Praxis*. Berlin: Springer-Verlag, pp.902-906.
61. **Harborne, A.** (1998). *Phytochemical Methods A Guide to Modern Techniques of Plant Analysis*. 3rd ed. Springer, p.320.
62. **Hecht, S., Kenney, P., Wang, M. and Upadhyaya, P.** (2002). Benzyl isothiocyanate: an effective inhibitor of polycyclic aromatic hydrocarbon tumorigenesis in A/J mouse lung. *Cancer Letters*, 187(1-2), pp.87-94.
63. **Hendry Creek Hideaway, (n.d).** *Papaya seed*. [image] Available at: <http://hendrycreekhideaway.com/Red%20Lady%20Papaya.html> [Accessed 27 Jul. 2012].
64. **Henry, A., Kumari, G. and Chitra, V.** (1987). *Flora of Tamilnadu, India*. Southern Circle, Coimbatore, India.: Vol.3. Botanical Survey of India, p.258.
65. **Herbal Teas Online, (2016).** *Fenugreek Tea*. [image] Available at: <http://www.herbalteasonline.com/fenugreek-tea.php> [Accessed 19 Aug. 2012].
66. **Hirakawa N, Okauchi R, Miura Y, Yagasaki K.** (2005). Anti-Invasive Activity of Niacin and Trigonelline against Cancer Cells. *Bioscience, Biotechnology and Biochemistry*, 69(3), pp.653-658.

67. **Huang, S., Wu, L., A., Yu, C., Lien, J., Huang, Y., Yang, J., Yang, J., Hsiao, Y., Wood, W., Yu, C. and Chung, J.** (2012). Benzyl Isothiocyanate (BITC) Induces G₂/M Phase Arrest and Apoptosis in Human Melanoma A375.S2 Cells through Reactive Oxygen Species (ROS) and both Mitochondria-Dependent and Death Receptor-Mediated Multiple Signaling Pathways. *J. Agric. Food Chem.*, 60(2), pp.665-675.
68. **Huang, W., Cai, Y. and Zhang, Y.** (2009). Natural Phenolic Compounds From Medicinal Herbs and Dietary Plants: Potential Use for Cancer Prevention. *Nutrition and Cancer*, 62(1), pp.1-20.
69. **Indran, M., Mahmood, A. and Kuppusamy, U.** (2008). Protective Effect of Carica papaya L Leaf Extract against Alcohol Induced Acute Gastric Damage and Blood Oxidative Stress in Rats. *West Indian Med J* 2008, 57(4), p.323.
70. **Iyawe, H.** (2011). Total Phenolic Contents and Lipid Peroxidation Potentials of Some Tropical Antimalarial Plants. *EJMP*, 1(2), pp.33-39.
71. **Jaganathan, S., Mazumdar, A., Mondhe, D. and Mandal, M.** (2011). Apoptotic effect of eugenol in human colon cancer cell lines. *Cell. Biol. Int.*, 35(6), pp.607-615.
72. **Jaganathan, S., Mondhe, D., Wani, Z., Pal, H. and Mandal, M.** (2010). Effect of Honey and Eugenol on Ehrlich Ascites and Solid Carcinoma. *Journal of Biomedicine and Biotechnology*, 2010, pp.1-5.
73. **James, A., Mary, J., Judi, d. and Peggy Ann, K.** (2006). *Hand book of Medicinal Herbs*. 2nd ed. CRC Press, pp.142-253.
74. **Jantan, I., Karim Moharam, B., Santhanam, J. and Jamal, J.** (2008). Correlation Between Chemical Composition and Antifungal Activity of the Essential Oils of Eight Cinnamomum. Species. *Pharmaceutical Biology*, 46(6), pp.406-412.
75. **Jian, Z., Aiju, X., Tuanjie, W., Xiaojun, L., Jun, G., Peiling, L. and Taixin, S.** (2014). Effect and mechanism of action of cinnamic acid on the proliferation and apoptosis of leukaemia cells. *Biomedical Research.*, 25(3), pp.405-408.
76. **Jindal, K. and Singh, R.** (1976). Sex determination in vegetative seedlings of Carica papaya by phenolic tests. *Scientia Horticulturae*, 4(1), pp.33-39.
77. **Johansen, D.** (1940). *Plant Micro-technique*. New York: McGraw Hill Book. Co, p.523.

78. **Jon, A., Suzanne, F., Xiaogang, H., Lidija, T., George, L., Robert, N. and Carol, A.** (1994). Epidemiology of oral candidiasis in HIV-infected patients: Colonization, infection, treatment, and emergence of fluconazole resistance. *The American Journal of Medicine*, 97(4), pp.339–346.
79. **K. Markopoulos, A.** (2012). Current Aspects on Oral Squamous Cell Carcinoma. *TODENTJ*, 6(1), pp.126-130.
80. **Kala, S., Johnson, M., Iyan, R., Dorin, B., Jeeva, S. and Janakiraman, N.** (2011). Preliminary phytochemical analysis of some selected medicinal plants of south India. *Journal of Natura Conscientia*, 2(5), pp.478-481.
81. **Karthik, M., Jeyachandran, R. and Deepa.,** (2012). Alkaloids as anticancer agents. *Annals of Phytomedicine*, 1(1), pp.46-53.
82. **Kasibhatla, S., P. Amarante-Mendes, G., Finucane, D., Brunner, T., Bossy-Wetzels, E. and Green, D.** (2006). Acridine Orange/Ethidium Bromide (AO/EB) Staining to Detect Apoptosis. *Cold Spring Harbor Protocols*, 2006(21), pp.pdb.prot4493-pdb.prot4493.
83. **Kaur, G., Athar, M. and Alam, M.** (2010). Eugenol precludes cutaneous chemical carcinogenesis in mouse by preventing oxidative stress and inflammation and by inducing apoptosis. *Mol. Carcinog.*, 49(3), pp.290–301.
84. **Kaviarasan, S., Naik, G., Gangabhairathi, R., Anuradha, C. and Priyadarsini, K.** (2007). In vitro studies on antiradical and antioxidant activities of fenugreek (*Trigonella foenum graecum*) seeds. *Food Chemistry*, 103(1), pp.31-37.
85. **Keller, K., Hansel, R. and Chandler, R.** (1992). *Adverse Effects of Herbal Drugs: Cinnamomum Species; De Smet, P.A.G.M.*, Heidelberg, Germany: Springer Verlag.
86. **Khare, C. P.** (2004). *Encyclopedia of Indian Medicinal Plants. Regional Western Therapy, Ayurvedic and other Traditional Usage. Botany.* Verlag. Berlin Heidelberg, New York: Springer.
87. **Khuwijitjaru, P., Sayputikasikorn, N., Samuhasaneetoo, S., Penroj, P., Siriwongwilaichat, P. and Adachi, S.** (2012). Subcritical water extraction of flavoring and phenolic compounds from cinnamon bark (*Cinnamomum zeylanicum*). *Journal of Oleo Science*, 61(6), pp.349-355.
88. **Kim, E., Hong, J., Eom, S., Lee, J. and Park, J.** (2011). Oral administration of benzyl-isothiocyanate inhibits solid tumor growth and lung metastasis of 4T1 murine mammary carcinoma cells in BALB/c mice. *Breast Cancer Res Treat*, 130(1), pp.61-71.
89. **Kim, G., Choi, D., Lim, J., Jeong, H., Kim, I., Lee, M. and Park, B.** (2006). Caspases-dependent apoptosis in human melanoma cell by eugenol. *Korean J. Anat.*, 39, pp.245–253.

90. **Kim, S., Sung, Y., Kwon, B., Yoon, J., Lee, H., Ahn, S. and Hong, S.** (2010). 2'-Hydroxycinnamaldehyde shows antitumor activity against oral cancer in vitro and in vivo in a rat tumor model. *Anticancer Res*, 30(2), pp.489-94.
91. **Kommission, E.** (1990). *Cinnamoni ceylanici cortex.*. Deutscher Apotheker Verlag, p.110.
92. **Korde, S., Basak, A., Chaudhary, M., Goyal, M. and Vagga, A.** (2011). Enhanced Nitrosative and Oxidative Stress with Decreased Total Antioxidant Capacity in Patients with Oral Precancer and Oral Squamous Cell Carcinoma. *Oncology*, 80(5-6), pp.382-389.
93. **Kotamraju, S., Konorev, E., Joseph, J. and Kalyanaraman, B.** (2000). Doxorubicin-induced Apoptosis in Endothelial Cells and Cardiomyocytes Is Ameliorated by Nitron Spin Traps and Ebselen: Role of Reactive Oxygen and Nitrogen Species. *Journal of Biological Chemistry*, 275(43), pp.33585-33592.
94. **Krishna, K., Paridhavi, M. and Jagruti, A.** (2008). Review on nutritional, medicinal, and pharmacological properties of Papaya. *Nature Product Radiance*, 7(4), pp.363-373.
95. **Krogh, P., Holmstrup, P., Thorn, J., Vedtofte, P. and Pindborg, J.** (1987). Yeast species and biotypes associated with oral leukoplakia and lichen planus. *Oral Surgery, Oral Medicine, Oral Pathology*, 63(1), pp.48-54.
96. **Kryston, T., Georgiev, A., Pissis, P. and Georgakilas, A.** (2011). Role of oxidative stress and DNA damage in human carcinogenesis. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis*, 711(1-2), pp.193-201.
97. **Kumar, V. and Robbins, S.** (2007). *Robbins basic pathology*. Philadelphia, PA: Saunders/Elsevier.
98. **Lalla, R., Latortue, M., Hong, C., Ariyawardana, A., D'Amato-Palumbo, S., Fischer, D., Martof, A., Nicolatou-Galitis, O., Patton, L., Elting, L., Spijkervet, F. and Brennan, M.** (2010). A systematic review of oral fungal infections in patients receiving cancer therapy. *Support Care Cancer*, 18(8), pp.985-992.
99. **Leemans, C., Braakhuis, B. and Brakenhoff, R.** (2010). The molecular biology of head and neck cancer. *Nature Reviews Cancer*, 11(1), pp.9-22.
100. **Li, Z., Wang, Y., Shen, W. and Zhou, P.** (2012). Content determination of benzyl glucosinolate and anti-cancer activity of its hydrolysis product in *Carica papaya* L. *Asian Pacific Journal of Tropical Medicine*, 5(3), pp.231-233.

101. **Liu, B., Yan, H., Wu, X., Pan, Z., Zhu, Y., Meng, Z., Zhou, Q. and Xu, K.** (2013). Apoptosis Induced by Benzyl Isothiocyanate in Gefitinib-Resistant Lung Cancer Cells is Associated with Akt/MAPK Pathways and Generation of Reactive Oxygen Species. *Cell Biochem Biophys*, 66(1), pp.81-92.
102. **Liu, K., Huang, Y., Wu, P. and Ji, B.** (2011). The roles of AIF and Endo G in the apoptotic effects of benzyl isothiocyanate on DU 145 human prostate cancer cells via the mitochondrial signaling pathway. *Int J Oncol*, 38(3), pp.787– 796.
103. **Mallath, M., Taylor, D., Badwe, R., Rath, G., Shanta, V., Pramesh, C., Digumarti, R., Sebastian, P., Borthakur, B., Kalwar, A., Kapoor, S., Kumar, S., Gill, J., Kuriakose, M., Malhotra, H., Sharma, S., Shukla, S., Viswanath, L., Chacko, R., Pautu, J., Reddy, K., Sharma, K., Purushotham, A. and Sullivan, R.** (2014). The growing burden of cancer in India: epidemiology and social context. *The Lancet Oncology*, 15(6), pp.e205-e212.
104. **Man, S., Gao, W., Zhang, Y., Huang, L. and Liu, C.** (2010). Chemical study and medical application of saponins as anti-cancer agents. *Fitoterapia*, 81(7), pp.703-714.
105. **Manal, A., Hanan, F., Sanaa, A., Nadia, S., Sohair, A. and Samia, A.** (2012). In vitro and in vivo Assessment of some Functional Foods against Initiation of Hepatocellular Carcinoma. *J. Basic. Appl. Sci. Res.*, 2(1), pp.471-483.
106. **Manikandan, P., Murugan, R., Priyadarsini, R., Vinothini, G. and Nagini, S.** (2010). Eugenol induces apoptosis and inhibits invasion and angiogenesis in a rat model of gastric carcinogenesis induced by MNNG. *Life Sciences*, 86(25-26), pp.936-941.
107. **Manikandan, P., Vinothini, G., Vidya Priyadarsini, R., Prathiba, D. and Nagini, S.** (2011). Eugenol inhibits cell proliferation via NF- κ B suppression in a rat model of gastric carcinogenesis induced by MNNG. *Invest New Drugs*, 29(1), pp.110-117.
108. **Martin, M.** (1999). The use of fluconazole and itraconazole in the treatment of *Candida albicans* infections: a review. *Journal of Antimicrobial Chemotherapy*, 44(4), pp.429-437.
109. **Mathew, K.** (n.d.). *The Flora of Tamil Nadu Karnatic Vol.I. Polypetalae*. p.688.
110. **Mathew, S. and Abraham, T.** (2006). Studies on the antioxidant activities of cinnamon (*Cinnamomum verum*) bark extracts, through various in vitro models. *Food Chemistry*, 94(4), pp.520-528.

111. **Mawahib, E., El, N., Ammar, M. and Badr Eldin, A.** (2015). Antimicrobial Activities and Phytochemical Screening of Callus and Seeds Extracts of Fenugreek (*Trigonella foenum-graecum*). *Int. J. Curr. Microbiol. App.Sci*, 4(2), pp.147-157.
112. **Metcalf, C. and Chalk, L.** (1979). *Anatomy of the Dicotyledons.Vol.I*. Clarendon Press, Oxford, p.276.
113. **Ming, R. and Moore, P.** (2014). *Genetics and genomics of papaya*.
114. **Mohamed Sham Shihabudeen, H., Hansi Priscilla, D. and Thirumurugan, K.** (2011). Cinnamon extract inhibits α -glucosidase activity and dampens postprandial glucose excursion in diabetic rats. *Nutrition & Metabolism*, 8(1), p.46.
115. **Mohd Bakri, M., Mohd Hussaini, H., Rachel Holmes, A., David Cannon, R. and Mary Rich, A.** (2010). Revisiting the association between candidal infection and carcinoma, particularly oral squamous cell carcinoma. *Journal of Oral Microbiology*, 2(0). 10.3402 /jom.v2i0.5780
116. **Morimoto, C., Dang, N., Therapeu, Y. and Toudai, T.** (2008). Cancer prevention and treating composition for preventing, ameliorating, or treating solid cancers, e.g. lung, or blood cancers, e.g. lym- phoma, comprises components extracted from brewing papaya. *Patent number- WO2006004226-A1; EP1778262- A1; JP2008505887-W; US2008069907- A1*.
117. **Mosmann, T.** (1983). Rapid colorimetric assay for cellular growth and survival: Application to proliferation and cytotoxicity assays. *Journal of Immunological Methods*, 65(1-2), pp.55-63.
118. **Nakamura, Y., Yoshimoto, M., Murata, Y., Shimoishi, Y., Asai, Y., Park, E., Sato, K. and Nakamura, Y.** (2007). Papaya Seed Represents a Rich Source of Biologically Active Isothiocyanate. *J. Agric. Food Chem.*, 55(11), pp.4407-4413.
119. **Narasimhan, S., Vijayakumar, M. and Mehrotra, S.** (2003). A new spray reagent for detection and differentiation of sulfur compounds in plant extracts. *Journal of Planar Chromatography – Modern TLC*, 16(6), pp.468-469.
120. **Neville, B.** (2009). *Oral and maxillofacial pathology*. St. Louis, Mo.: Saunders/Elsevier.

121. **Ngozi, A., George, O., Veronica, I., Sunday, A., Tomi, D., Bola, O., Patience, N., Mojisola, O., Alero, O. and Felix, C.** (2010). Phytochemical and antioxidant nutrient constituents of *Carica papaya* and *Parquetina nigrescens* extracts. *Scientific Research and Essays*, 5(16), pp.2201-2205.
122. **Niero, E. and Machado-Santelli, G.** (2013). Cinnamic acid induces apoptotic cell death and cytoskeleton disruption in human melanoma cells. *J Exp Clin Cancer Res*, 32(1), p.31.
123. **Noble, A., Greskovich, J., Han, J., Reddy, C., Nwizu, T., Khan, M., Scharpf, J., Adelstein, D., Burkey, B. and Koyfman, S.** (2016). Risk Factors Associated with Disease Recurrence in Patients with Stage III/IV Squamous Cell Carcinoma of the Oral Cavity Treated with Surgery and Postoperative Radiotherapy. *Anticancer Res.*, 36(2), pp.785-92.
124. **Norshazila, S., Syed, Z., Mustapha, S., Aisyah, M. and Kamarul, R.** (2010). Antioxidant levels and activities of selected seeds of Malaysian tropical fruits. *Malays J Nutr.*, 16(1), pp.149-159.
125. **Nwachukwu, E. and Umechuruba, C.** (2001). Antifungal Activities of Some Leaf Extracts on Seed-borne Fungi of African Yam Bean Seeds, Seed Germination and Seedling Emergence. *Journal of Applied Sciences and Environmental Management*, 5(1), pp.29-32.
126. **O'Brien, T., Feder, N. and McCully, M.** (1964). Polychromatic staining of plant cell walls by toluidine blue O. *Protoplasma*, 59(2), pp.368-373.
127. **Ofentse, M., Kabo, W., Tebogo, E., Shetonde, O. and Bokolo, M.** (2015). *Cinnamomum verum*: Ethylacetate and methanol extracts antioxidant and antimicrobial activity. *Journal of Medicinal Plants Studies*, 3(3), pp.28-32.
128. **Ogunjobi, A. and Ogunjobi, T.** (2011). Comparative Study of Antibacterial Activities of Ethanol Extracts of the Bark and Seeds of *Garcinia kola* and *Carica papaya*. *Afr. J. Biomed. Res.*, 14, pp.147-152.
129. **Okunola, A., Muyideen, T., P. Anokwuru, P., Tomisin, J., Harrison, A., Victor, U. and Babatunde, E.** (2012). Comparative studies on antimicrobial properties of extracts of fresh and dried leaves of *Carica papaya* (L) on clinical bacterial and fungal isolates. *Advances in Applied Science Research*, [online] 3(5), pp.3107-3114. Available at: <http://pelagiaresearchlibrary.com/advances-in-applied-science/vol3-iss5/AASR-2012-3-5-3107-3114.pdf>.
130. **Omezzine, F., Bouaziz, M., Daami-Remadi, M., Simmonds, M. and Haouala, R.** (2014). Chemical composition and antifungal activity of *Trigonella foenum-graecum* L. varied with plant ploidy level and developmental stage. *Arabian Journal of Chemistry*. Available online 13 April 2013 (Article in Press)

131. **ONeill, C., Atoria, C., O'Reilly, E., Henman, M., Bach, P., Elkin, E., ONeill, C., Atoria, C., O'Reilly, E., Henman, M., Bach, P. and Elkin, E.** (2016). ReCAP: Hospitalizations in Older Adults With Advanced Cancer: The Role of Chemotherapy. *Journal of Oncology Practice*, 12(2), pp.151-152.
132. **Onkar, S. and Ali, M.** (2011). Phytochemical and Antifungal Profiles of the Seeds of Carica Papaya L. *Indian J Pharm Sci.*, 73(4), pp.447-451.
133. **Osato, J., Santiago, L., Remo, G., Cuadra, M. and Mori, A.** (1993). Antimicrobial and antioxidant activities of unripe papaya. *Life Sciences*, 53(17), pp.1383-1389.
134. **Otsuki, N., Dang, N., Kumagai, E., Kondo, A., Iwata, S. and Morimoto, C.** (2010). Aqueous extract of Carica papaya leaves exhibits anti-tumor activity and immunomodulatory effects. *Journal of Ethnopharmacology*, 127(3), pp.760-767.
135. **Outsidepride.com**, (2015). *Fenugreek seeds*. [image] Available at: <http://www.outsidepride.com/seed/herb-seed/fenugreek.html> [Accessed 10 Sep. 2012].
136. **Oyaizu, M.** (1986). Studies on products of browning reaction. Antioxidative activities of products of browning reaction prepared from glucosamine. *Jpn.J.Nutr.Diet.*, 44(6), pp.307-315.
137. **Pabiszczak, M., Banaszewski, J., Szmeja, Z., Szyfter, K. and Szyfter, W.** (2001). Comparison of DNA adducts between oral, pharyngeal and larynx cancer. *Otolaryngol Pol.*, 55(5), pp.551-4.
138. **Pablito, M. and Charles, P.** (2003). *Determining The Sex Of Papaya For Improved Production*. 1st ed. Food & Fertilizer Technology Center.
139. **Pal, D., Banerjee, S., Mukherjee, S., Roy, A., Panda, C. and Das, S.** (2010). Eugenol restricts DMBA croton oil induced skin carcinogenesis in mice: Downregulation of c-Myc and H-ras, and activation of p53 dependent apoptotic pathway. *Journal of Dermatological Science*, 59(1), pp.31-39.
140. **Pani, G., Galeotti, T. and Chiarugi, P.** (2010). Metastasis: cancer cell's escape from oxidative stress. *Cancer Metastasis Rev*, 29(2), pp.351-378.
141. **Park, B., Song, Y., Yee, S., Lee, B., Seo, S., Park, Y., Kim, J., Kim, H. and Yoo, Y.** (2005). Phospho-ser 15-p53 translocates into mitochondria and interacts with Bcl-2 and Bcl-xL in eugenol-induced apoptosis. *Apoptosis*, 10(1), pp.193-200.
142. **Parthasarathy, V., Chempakam, B. and Zachariah, T.** (2008). *Chemistry of spices*. Wallingford, UK: CABI Pub.

143. **Parthasarathy, V., Kandiannan, K. and Srinivasan, V.** (2008). *Organic spices*. New Delhi: New India Publishing Agency.
144. **Patel, P., Patel, J., Shah, F., Shukla, S. and Shah, P.** (2009). Role of nitric oxide and antioxidant enzymes in the pathogenesis of oral cancer. *J Can Res Ther*, 5(4), pp.247-53.
145. **Peng, H., Ye, M., Wang, L., Li, R., Zhou, Y., Wang, Y. and Zhu, W.** (2015). Analysis of the outcomes of squamous cell carcinoma of maxillary sinus with 3 different comprehensive treatments. *Shanghai Kou Qiang Yi Xue.*, 24(2), pp.219-23.
146. **Peng, X., Cheng, K., Ma, J., Chen, B., Ho, C., Lo, C., Chen, F. and Wang, M.** (2008). Cinnamon Bark Proanthocyanidins as Reactive Carbonyl Scavengers To Prevent the Formation of Advanced Glycation Endproducts. *J. Agric. Food Chem.*, 56(6), pp.1907-1911.
147. **Perez, C., Pauli, M. and Bazerque, P.** (1990). An antibiotic assay by the agar well diffusion method. *Acta. Biol. Med. Exp*, 15, pp.113-115.
148. **Pittella, F., Dutra, R., Junior, D., Lopes, M. and Barbosa, N.** (2009). Antioxidant and Cytotoxic Activities of *Centella asiatica* (L) Urb. *IJMS*, 10(9), pp.3713-3721.
149. **Prabuseenivasan, S., Jayakumar, M. and Ignacimuthu, S.** (2006). Journal search results - Cite This For Me. *BMC Complementary and Alternative Medicine*, 6(1), p.39.
150. **Prana**, (n.d.). *Ceylon cinnamon quills*. [image] Available at: <https://pullprod-pranana.netdnssl.com/media/catalog/product/cache/1/image/1600x800/af097278c5db4767b0fe9bb92fe21690/o/l/olc-002-0.35kg-organic-fair-trade-ceylon-true-cinnamon-quills.jpg> [Accessed 27 Aug. 2012].
151. **Prasad, L.** (2014). Burden of oral cancer: An Indian scenario. *J Orofac Sci*, 6(2), p.77.
152. **Prieto, P., Pineda, M. and Aguilar, M.** (1999). Spectrophotometric Quantitation of Antioxidant Capacity through the Formation of a Phosphomolybdenum Complex: Specific Application to the Determination of Vitamin E. *Analytical Biochemistry*, 269(2), pp.337-341.
153. **Priya, V., Jananie, R. and Vijayalakshmi, K.** (2011). Studies on antioxidant activity of *Trigonella foenum graecum* seed using in vitro models. *IJPSR*, 2(10), pp.2704-2708.

154. **Priya, V., Jananie, R. and Vijayalakshmi, K.** (2012). Anti diabetic effect of *Trigonella foenum graecum* in diabetic rats-an in vivo study. *Pharma science Monitor*, [online] 3(2), pp.204-214. Available at: <http://www.pharmasm.com/index.php?p=h>
155. **Pyo, J., Jeong, Y., Yeo, S., Lee, J., Jeong, M., Kim, S., Choi, Y. and Lim, S.** (2013). Neuroprotective Effect of trans-Cinnamaldehyde on the 6-Hydroxydopamine-Induced Dopaminergic Injury. *Biol. Pharm. Bull.*, 36(12), pp.1928-1935.
156. **Rajendran, A. and Sundaram, S.** (2009). *Shafer's textbook of oral pathology*. 6th ed.
157. **Ravikumar, P. and Anuradha, C.** (1999). Effect of fenugreek seeds on blood lipid peroxidation and antioxidants in diabetic rats. *Phytother. Res.*, 13(3), pp.197-201.
158. **Robak, J. and Gryglewski, R.** (1988). Flavonoids are scavengers of superoxide anions. *Biochemical Pharmacology*, 37(5), pp.837-841.
159. **Rothschild, A.** (1970). Mechanisms of histamine release by compound 48/80. *British Journal of Pharmacology*, 38(1), pp.253-262.
160. **Rous, P.** (1965). Viruses and Tumour Causation: An Appraisal of Present Knowledge. *Nature*, 207(4996), pp.457-463.
161. **Rumiyati, S.** (2006). Effect of protein fraction of *Carica papaya* L. leaves on the expressions of p53 and Bcl-2 in breast cancer cells line. *Majalah Farmasi Indonesia*, 17(4), pp.170-176.
162. **Sahu, R. and Srivastava, S.** (2009). The Role of STAT-3 in the Induction of Apoptosis in Pancreatic Cancer Cells by Benzyl Isothiocyanate. *JNCI Journal of the National Cancer Institute*, 101(3), pp.176-193.
163. **Salido, M., Gonzalez, J. and Vilches, J.** (2007). Loss of mitochondrial membrane potential is inhibited by bombesin in etoposide-induced apoptosis in PC-3 prostate carcinoma cells. *Molecular Cancer Therapeutics*, 6(4), pp.1292-1299.
164. **Sankaranarayanan, R.** (2014). Cancer prevention and care in India: an unfinished agenda. *The Lancet Oncology*, 15(6), pp.554-555.
165. **Saranath, D. and Khanna, A.** (2014). Current Status of Cancer Burden: Global and Indian Scenario. *Biomed Res J*, 1(1), pp.1-5.
166. **Sass, J.** (1940). *Elements of Botanical Micro-technique*. New York: McGraw Hill Book Co, p.222.

167. **Sayid, S. and Hend, H.** (2010). Antioxidant properties of ethanolic and aqueous Cinnamon extracts against liver injury in rats. *International Journal of Advances in Pharmaceutical Sciences.*, 1, pp.151-155.
168. **Schoelch, M., Le, Q., Silverman Jr, S., McMillan, A., Dekker, N., Fu, K., Ziober, B. and Regezi, J.** (1999). Apoptosis-associated proteins and the development of oral squamous cell carcinoma. *Oral Oncology*, 35(1), pp.77-85.
169. **Schoelch, M., Regezi, J., Dekker, N., Ng, I., McMillan, A., Ziober, B., Le, Q., Silverman, S. and Fu, K.** (1999). Cell cycle proteins and the development of oral squamous cell carcinoma. *Oral Oncology*, 35(3), pp.333-342.
170. **Schwartz, J., Pavlova, S., Kolokythas, A., Lugakingira, M., Tao, L. and Miloro, M.** (2012). Streptococci–Human Papilloma Virus Interaction With Ethanol Exposure Leads to Keratinocyte Damage. *Journal of Oral and Maxillofacial Surgery*, 70(8), pp.1867-1879.
171. **Scott, T., Blatt, S. and Zgainski, E.** (2013). *Plant Drug Analysis: A Thin Layer Chromatography Atlas*. Berlin Heidelberg: Springer.
172. **Shaban, A., Seyed, A., Ali, R., Mostafa, R., Hosein, D., Nahid, E. and Monireh, S.** (2009). Antineoplastic Effect of Fenugreek Trigonella Foenum Graecum) Seed Extract against Acute Myeloblastic Leukemia Cell Line (KG-1). *Iranian Journal Of Blood And Cancer.*, 4, pp.139-146.
173. **Shabbeer, S., Sobolewski, M., Anchoori, R., Kachhap, S., Hidalgo, M., Jimeno, A., Davidson, N., Carducci, M. and Khan, S.** (2009). Fenugreek: A naturally occurring edible spice as an anticancer agent. *Cancer Biology & Therapy*, 8(3), pp.272-278.
174. **Shang, M., Cai, S., Han, J., Li, J., Zhao, Y., Zheng, J., Namba, T., Kadota, S., Tezuka, Y. and Fan, W.** (1998). Studies on flavonoids from Fenugreek (*Trigonella foenum graecum* L. *Zhongguo Zhong Yao Za Zhi*, 23(10), pp.614-6, 639.
175. **Shen, J., Huang, C., Jiang, L., Gao, F., Wang, Z., Zhang, Y., Bai, J., Zhou, H. and Chen, Q.** (2007). Enhancement of cisplatin induced apoptosis by suberoylanilide hydroxamic acid in human oral squamous cell carcinoma cell lines. *Biochemical Pharmacology*, 73(12), pp.1901-1909.
176. **Shih-Hua, F., Yerra, K. and Yew-Min, T.** (2004). Cytotoxic Effect of trans-Cinnamaldehyde from *Cinnamomum osmophloeum* Leaves on Human Cancer Cell Lines. *International Journal of Applied Science and Engineering*, 2(2), pp.136-147.

177. **Shin, S., Park, J. and Kim, G.** (2007). The mechanism of apoptosis induced by eugenol in human osteosarcoma cells. *J. Korean Oral Maxillofac. Surg.*, 3, pp.20-27.
178. **Shreaz, S., Bhatia, R., Khan, N., Muralidhar, S., Basir, S., Manzoor, N. and Khan, L.** (2011). Spice oil cinnamaldehyde exhibits potent anticandidal activity against fluconazole resistant clinical isolates. *Fitoterapia*, 82(7), pp.1012-1020.
179. **Shreaz, S., Bhatia, R., Khan, N., Muralidhar, S., Manzoor, N. and Khan, L.** (2013). Influences of cinnamic aldehydes on H⁺ extrusion activity and ultrastructure of *Candida*. *Journal of Medical Microbiology*, 62(2), pp.232-240.
180. **Shukla, S. and Shukla, S.** (2012). Oral Cancer—Curse, Cure and Challenge. *Indian Journal of Surgery*, 74(6), pp.437-439.
181. **Sofrata, A., Santangelo, E., Azeem, M., Borg-Karlson, A., Gustafsson, A. and Pütsep, K.** (2011). Benzyl Isothiocyanate, a Major Component from the Roots of *Salvadora Persica* Is Highly Active against Gram-Negative Bacteria. *PLoS ONE*, 6(8), p.e23045.
182. **Srikanth, G., Manohar Babu, C., Kavitha, N., Bhanoji Rao, M., Vijaykumar, N. and Pradeep, C.** (2010). Research Journal of Pharmaceutical, Biological and Chemical Sciences Studies on in-vitro antioxidant activities of *Carica papaya* aqueous leaf extract. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 1(2), pp.59-65.
183. **Subal, D., Nilesh, B., Manjunath, M., Mallareddy, V., Pabba, P. and Hariprasath, K.** (2010). Nephroprotective Evaluation of Ethanolic Extract of the Seeds of Papaya and Pumpkin Fruit in Cisplatin-induced Nephrotoxicity. *Journal of Pharmaceutical Science and Technology*, 2(6), pp.241-246.
184. **Subhashini, N., Thangathirupathi, A. and Lavanya, N.** (2011). Antioxidant Activity Of *Trigonella Foenum Graecum* Using Various In - Vitro and Ex Vivo Models. *International Journal of Pharmacy And Pharmaceutical Sciences*, 3(2), pp.96-102.
185. **Syeda, B., Muhammad, I. and Shahabuddin, M.** (2008). Antioxidative Activity of Extracts from Fenugreek Seeds (*Trigonella foenum-graecum*). *Pak. J. Anal. Environ. Chem*, 9(2), pp.78-83.
186. **Syrjänen, K., Syrjänen, S., Lamberg, M., Pyrhönen, S. and Nuutinen, J.** (1983). Morphological and immunohistochemical evidence suggesting human papillomavirus (HPV) involvement in oral squamous cell carcinogenesis. *International Journal of Oral Surgery*, 12(6), pp.418-424.

187. **Taguchi, Y., Hasumi, Y., Hayama, K., Arai, R., Nishiyama, Y. and Abe, S.** (2012). Effect of Cinnamaldehyde on Hyphal Growth of *C.albicans* Under Various Treatment Conditions. *Medical Mycology Journal*, 53(3), pp.199-204.
188. **Taloubi, L., Rhouda, H., Belahcen, A., Smires, N., Thimou, A. and Mdaghri, A.** (2013). An overview of plants causing Teratogenicity: Fenugreek (*Trigonella foenum graecum*). *Int J Pharm Sci Res*, 4(2), pp.516-519.
189. **Teni, T., Pawar, S., Sanghvi, V. and Saranath, D.** (2002). Expression of bcl-2 and bax in chewing tobacco-induced oral cancers and oral lesions from India. *Pathology & Oncology Research*, 8(2), pp.109-114.
190. **The ayurvedic formulary of India.** (1978). 2nd ed. [New Delhi]: Govt. of India, Ministry of Health and Family Planning, Dept. of Health.
191. **The Story of the Little Paw Paw (Papaya) Tree.** (2011). [image] Available at: http://2.bp.blogspot.com/-AgvtUKX_M38/TmtheiOnJzI/AAAAAAAAA1c/lyABJaaxVlg/s1600/PAW_PAW_TREE_best.JPG [Accessed 27 Jul. 2012].
192. **Thirunavukkarasu, V., Anuradha, C. and Viswanathan, P.** (2003). Protective effect of fenugreek (*Trigonella foenum graecum*) seeds in experimental ethanol toxicity. *Phytother. Res.*, 17(7), pp.737-743.
193. **Trade winds fruit, (n.d.).** *Cinnamomum zeylancium*. [image] Available at: <http://www.tradewindsfruit.com/content/cinnamon.htm> [Accessed 27 Aug. 2012].
194. **Valko, M., Rhodes, C., Moncol, J., Izakovic, M. and Mazur, M.** (2006). Free radicals, metals and antioxidants in oxidative stress-induced cancer. *Chemico-Biological Interactions*, 160(1), pp.1-40.
195. **Varalakshmi, B., Vijaya Anand, A., Karpagam, T., Suguna Bai, J. and Manikandan, R.** (2014). In-vitro Antimicrobial and Anticancer Activity of *Cinnamomum Zeylanicum* Linn Bark Extracts. *International Journal Of Pharmacy And Pharmaceutical Sciences*, 6(1), pp.12-18.
196. **Vidhya, N. and Devaraj, S.** (2011). Induction of apoptosis by eugenol in human breast cancer cells. *Indian J Exp Biol*, 49(11), pp.871-8.
197. **Vinod, R.** (n.d.). *Text book of pharmacognosy and phytochemistry*. 2nd ed. Career publications.
198. **Walli, R., Al-Musrati, R., Eshtewi, H. and Sherif, F.** (2015). Screening of Antimicrobial Activity of Fenugreek Seeds. *Pharm Pharmacol Int J*, 2(4), p.00028.

199. **Wallis, T.** (1985). *Text Book of Pharmacognosy*. Shahdara, Delhi, India.: CBS Publishers and Distributors.
200. **Wariso, B. and Ebong, O.** (1996). Antimicrobial activity of kalanchoepinnaata (Ntiele. Lam) pers. *W. Afr. J. Pharm. Drug Res.*, 12, pp.65-68.
201. **WHO monographs on selected medicinal plants.** Volume 1 (1999). Geneva: World Health Organization, pp.95-105.
202. **Wikimedia Commons,** (2012). *Benzylisothiocyanate*. [image] Available at: https://commons.wikimedia.org/wiki/File:Benzyl_isothiocyanate.svg [Accessed 27 Sep. 2012].
203. **Wikipedia, (n.d.).** *Cinnamaldehyde*. [image] Available at: <https://en.wikipedia.org/wiki/Cinnamaldehyde> [Accessed 29 Jul. 2012].
204. **Wikipedia, (n.d.).** *Cinnamic acid*. [image] Available at: https://en.wikipedia.org/wiki/Cinnamic_acid [Accessed 26 Jul. 2012].
205. **Wikipedia, (n.d.).** *Eugenol*. [image] Available at: <https://en.wikipedia.org/wiki/Eugenol> [Accessed 24 Jun. 2012].
206. **Wikispaces,** (n.d.). *Papaya leaves*. [image] Available at: http://foodscience.wikispaces.com/file/view/Carica_papaya_-_Papaya_-_var-tropical_dwarf_papaya_-_desc-leaf.jpg/35273115/580x612/Carica_papaya_-_Papaya_-_var-tropical_dwarf_papaya_-_desc-leaf.jpg [Accessed 27 Apr. 2012].
207. **Wise GEEK,** (n.d.). *Apoptosis*. [image] Available at: <http://www.wisegeek.com/what-is-the-relationship-between-apoptosis-and-cancer.htm#didyouknowout> [Accessed 13 Apr. 2015].
208. **Wondrak, G., Villeneuve, N., Lamore, S., Bause, A., Jiang, T. and Zhang, D.** (2010). The Cinnamon-Derived Dietary Factor Cinnamic Aldehyde Activates the Nrf2-Dependent Antioxidant Response in Human Epithelial Colon Cells. *Molecules*, 15(5), pp.3338-3355.
209. **Wu, C., Huang, A., Yang, J., Liao, C., Lu, H., Chou, S., Ma, C., Hsia, T., Ko, Y. and Chung, J.** (2011). Benzyl isothiocyanate (BITC) and phenethyl isothiocyanate (PEITC)-mediated generation of reactive oxygen species causes cell cycle arrest and induces apoptosis via activation of caspase-3, mitochondria dysfunction and nitric oxide (NO) in human osteogenic. *Journal of Orthopaedic Research*, 29(8), pp.1199-1209.

210. **Yan, L., Zhang, J., Li, M., Cao, Y., Xu, Z., Cao, Y., Gao, P., Wang, Y. and Jiang, Y.** (2008). DNA microarray analysis of fluconazole resistance in a laboratory *Candida albicans* strain. *Acta Biochimica et Biophysica Sinica*, 40(12), pp.1048-1060.
211. **Yoga Narasimhan, S.** (2000). *Medicinal Plants of India. Vol.II.* Bangalore, India: Regional Research Institute (Ay.), p.715.
212. **Yokozawa, T., Chen, C., Dong, E., Tanaka, T., Nonaka, G. and Nishioka, I.** (1998). Study on the Inhibitory Effect of Tannins and Flavonoids against the 1,1-Diphenyl-2-picrylhydrazyl Radical. *Biochemical Pharmacology*, 56(2), pp.213-222.
213. **Yoo, C., Han, K., Cho, K., Ha, J., Park, H., Nam, J., Kil, U. and Lee, K.** (2005). Eugenol isolated from the essential oil of *Eugenia caryophyllata* induces a reactive oxygen species-mediated apoptosis in HL-60 human promyelocytic leukemia cells. *Cancer Letters*, 225(1), pp.41-52.
214. **Yüce, A., Türk, G., Çeribaşı, S., Sönmez, M., Çiftçi, M. and Güvenç, M.** (2012). Effects of cinnamon (*Cinnamomum zeylanicum*) bark oil on testicular antioxidant values, apoptotic germ cell and sperm quality. *Andrologia*, 45(4), pp.248-255.
215. **Zhang, P., Zhang, Z., Zhou, X., Qiu, W., Chen, F. and Chen, W.** (2006). Identification of genes associated with cisplatin resistance in human oral squamous cell carcinoma cell line. *BMC Cancer*, 6(1), p.224.
216. **Zhou, K., Wang, H., Mei, W., Li, X., Luo, Y. and Dai, H.** (2011). Antioxidant Activity of Papaya Seed Extracts. *Molecules*, 16(12), pp.6179-6192.
217. **Ziech, D., Franco, R., Pappa, A. and Panayiotidis, M.** (2011). Reactive Oxygen Species (ROS)—Induced genetic and epigenetic alterations in human carcinogenesis. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis*, 711(1-2), pp.167-173.