
References

- Abarca, M. L., Bragulat, M. R., Castellá, G., Accensi, F., & Cabañes, F. J. (2000). Mycotoxin producing fungi. *Revista Iberoamericana de Micología*, 17(2), S63–S68.
- Ahmad, M. F. (2018). Ganoderma lucidum: Persuasive biologically active constituents and their health endorsement. *Biomedicine and Pharmacotherapy*, 107, 507–519.
- Ahmed, M. Z., & Ramabhimalah, S. (2012). Anti-inflammatory activity of Aqueous Extract of Carica papaya seeds in albino Rats. *Biomedical and Pharmacology Journal*, 5(1), 173–177.
- Ali, I., Wani, W. A., & Saleem, K. (2011). Cancer scenario in India with future perspectives. *Cancer Therapy*, 8, 56–70.
- Alli, J. A., Kehinde, A. O., Kosoko, A. M., & Ademowo, O. G. (2014). Oxidative stress and reduced vitamins C and E levels are associated with multi-drug resistant tuberculosis. *Journal of Tuberculosis Research*, 02(1), 52–58.
- Almagro, L., Fernández-Pérez, F., & Pedreño, M. A. (2015). Indole alkaloids from Catharanthus roseus: Bioproduction and their effect on human health. *Molecules*, 20(2), 2973–3000.
- Al-Snafi, A. E. (2021). Medicinal plants alkaloids, as promising therapeutics-A review (part 1). *IOSR Journal of Pharmacy*, 11(2), 51–67.
- Aly, A. H., Debbab, A., Kjer, J., & Proksch, P. (2010). Fungal endophytes from higher plants: A prolific source of phytochemicals and other bioactive natural products. *Fungal Diversity*, 41(1), 1–16.
- American Cancer Society. (2019, November 22). How chemotherapy drugs work. *Cancer.org*. <https://www.cancer.org/treatment/treatments-and-side-effects/treatment-types/chemotherapy/how-chemotherapy-drugs-work.html#references>.
- Ames, B. N. (1983). Dietary carcinogens and anticarcinogens: Oxygen radicals and degenerative diseases. *Science*, 221(4617), 1256–1264.
- Ames, B. N., Gold, L. S., & Willett, W. C. (1995). The causes and prevention of cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 92(12), 5258–5265.
- Ames, B. N., Shigenaga, M. K., & Gold, L. S. (1993). DNA lesions, inducible DNA repair, and cell division: Three key factors in mutagenesis and carcinogenesis. *Environmental Health Perspectives*, 101(Suppl. 5), 35–44.
- Anand, P., Kunnumakkara, A. B., Sundaram, C., Harikumar, K. B., Tharakan, S. T., Lai, O. S., Sung, B., & Aggarwal, B. B. (2008). Cancer is a preventable disease that requires major lifestyle changes. *Pharmaceutical Research*, 25(9), 2097–2116.
- Anto, P. V., Saranya, A., & Sunny, H. (2015). Scientific rediscovery of fungoid bodies and habitat studies on Sclerotium stipitatum Berk. *et Curr. Nilamanga: A rare termite fungus. International Journal of Plant, Animal and Environmental Sciences*, 5(3), 1–3.
- Aoyagi, K., Kouhiji, K., Kizaki, J., Isobe, T., Hashimoto, K., & Shirouzu, K. (2013). A study of gastric cancer cases with liver metastasis. *Journal of Gastrointestinal and Digestive System S*, 12, 2
- Arruebo, M., Vilaboa, N., Sáez-Gutierrez, B., Lambea, J., Tres, A., Valladares, M., & González-Fernández, A. (2011). Assessment of the evolution of cancer treatment therapies. *Cancers*, 3(3), 3279–3330.
- Ashour, M. L., & Wink, M. (2011). Genus Bupleurum: A review of its phytochemistry, pharmacology and modes of action. *Journal of Pharmacy and Pharmacology*, 63(3), 305–321.

- Ault, J. G., Cole, R. W., Jensen, C. G., Jensen, L. C., Bachert, L. A., & Rieder, C. L. (1995). Behavior of crocidolite asbestos during mitosis in living vertebrate lung epithelial cells. *Cancer Research*, 55(4), 792–798.
- Ayala, A., Muñoz, M. F., & Argüelles, S. (2014). Lipid peroxidation: production, metabolism, and signaling mechanisms of malondialdehyde and 4-hydroxy-2-nonenal. *Oxidative medicine and cellular longevity*, 2014.
- Babior, B. M., & Woodman, R. C. (1990). Chronic granulomatous disease. *Seminars in Hematology*, 27(3), 247–259.
- Babu, T. D., Kuttan, G., & Padikkala, J. (1995). Cytotoxic and anti-tumour properties of certain taxa of Umbelliferae with special reference to *Centella asiatica* (L.) Urban. *Journal of ethnopharmacology*, 48(1), 53–57.
- Bagchi, K., & Puri, S. (1998). Free radicals and antioxidants in health and disease: A review. *Eastern Mediterranean Health Journal*, 4(2), 350–360.
- Balaji, D. S., Basavaraja, S., Deshpande, R., Mahesh, D. B., Prabhakar, B. K., & Venkataraman, A. (2009). Extracellular biosynthesis of functionalized silver nanoparticles by strains of *Cladosporium cladosporioides* fungus. *Colloids and Surfaces. B, Biointerfaces*, 68(1), 88–92.
- Balakrishnan, V., & Anil Kumar, N. (2001). Nilamanga (*Sclerotium stipitatum*)—A Rare Termite Fungal sclerotia with Medicinal Properties Known among the Tribal and rural Communities of Kerala. *Ethnobotany*, 13.
- Balkwill, F., & Mantovani, A. (2001). Inflammation and cancer: Back to Virchow? *Lancet*, 357(9255), 539–545.
- Banerjee, K., & Ravishankar Rai, V. (2017). A review on Mycosynthesis, mechanism, and characterization of silver and gold nanoparticles. *BioNanoScience*,
- Bansal, V., Li, V., O'Mullane, A. P., & Bhargava, S. K. (2010). Shape dependent electrocatalytic behaviour of silver nanoparticles. *CrystEngComm*, 12(12), 4280–4286.
- Beal, M.F. (1997). Oxidative damage in neurodegenerative diseases. *Neuroscientist*, 3, 21–27.
- Beers, R. F., Jr., & Sizer, I. W. (1952). A spectrophotometric method for measuring the breakdown of hydrogen peroxide by catalase. *Journal of Biological Chemistry*, 195(1), 133–140.
- Bell, D. A., Sonenberg, N., & Gray, D. A. (1991). Insertional mutagenesis: Neoplasia arising from retroviral integration. *Cancer Investigation*, 9(3), 295–304.
- Berkeley. (1862). *Transactions of the Linnaen Society*, XXIII p. 91.
- Bindhumol, V., Chitra, K. C., & Mathur, P. P. (2003). Bisphenol A induces reactive oxygen species generation in the liver of male rats. *Toxicology*, 188(2–3), 117–124.
- Birbach, A., Eisenbarth, D., Kozakowski, N., Ladenhauf, E., Schmidt-Supprian, M., & Schmid, J. A. (2011). Persistent inflammation leads to proliferative neoplasia and loss of smooth muscle cells in a prostate tumor model. *Neoplasia*, 13(8), 692–703-IN17.
- Bishop, J. M. (1991). Molecular themes in oncogenesis. *Cell*, 64(2), 235–248.
- Bishop, J. M. (1989). Oncogenes and clinical cancer. In R. A. Weinberg (Ed.), *Oncogenes and the molecular origins of cancer* (pp. 327–358). Cold Spring Harbor Laboratory Press.
- Bishop, J. M. (1987). The molecular genetics of cancer. *Science*, 235(4786), 305–311.
- Bishop, J. M. (1982). Oncogenes. *Scientific American*. *Scientific American*, 246(3), 80–92.

- Brown, J. E., Khodr, H., Hider, R. C., & Rice-Evans, C. A. (1998). Structural dependence of flavonoid interactions with Cu²⁺ ions: Implications for their antioxidant properties. *Biochemical Journal*, 330(3), 1173–1178.
- Brüne, B., Dimmeler, S., Molina y Vedia, L. M., & Lapetina, E. G. (1994). Nitric oxide: A signal for ADP-ribosylation of proteins. *Life Sciences*, 54(2), 61–70.
- Builders, F., & Philip. (2019). *Herbal medicine || Plants Secondary Metabolites: The Key Drivers of the Pharmacological Actions of Medicinal Plants*.
- Cairns, J. (1975). Mutation selection and the natural history of cancer. *Nature*, 255(5505), 197–200.
- Cazarolli, L. H., Zanatta, L., Alberton, E. H., Figueiredo, M. S., Folador, P., Damazio, R. G., Pizzolatti, M. G., & Silva, F. R. (2008). Flavonoids: Prospective drug candidates. *Mini Reviews in Medicinal Chemistry*, 8(13), 1429–1440.
- Cerutti, P., Ghosh, R., Oya, Y., & Amstad, P. (1994). The role of the cellular antioxidant defense in oxidant carcinogenesis. *Environmental Health Perspectives*, 102(Suppl. 10), 123–129.
- Chabner, B. A., & Roberts, T. G. (2005). Chemotherapy and the war on cancer. *Nature Reviews Cancer*, 5(1), 65–72.
- Chatterjee, A. (2013). Reduced glutathione: A radioprotector or a modulator of DNA-repair activity? *Nutrients*, 5(2), 525–542.
- Chaudhary, A. K., Nokubo, M., Marnett, L. J., & Blair, I. A. (1994). Analysis of the malondialdehyde-2'-deoxyguanosine adduct in rat liver DNA by gas chromatography/electron capture negative chemical ionization mass spectrometry. *Biological Mass Spectrometry*, 23(8), 457–464.
- Cheeseman, K. H., & Slater, T. F. (1993). An introduction to free radical biochemistry. *British Medical Bulletin*, 49(3), 481–493.
- Chen, L., Deng, H., Cui, H., Fang, J., Zuo, Z., Deng, J., Li, Y., Wang, X., & Zhao, L. (2018). Inflammatory responses and inflammation-associated diseases in organs. *Oncotarget*, 9(6), 7204–7218.
- Chernousova, S., & Epple, M. (2013). Silver as antibacterial agent: Ion, nanoparticle, and metal. *Angewandte Chemie*, 52(6), 1636–1653.
- Cho, T. Y., Wang, G. J., Ju, Y. M., Chen, M. C., & Lee, T. H. (2016). Chemical constituents from termite associated *Xylaria acuminatolongissima* YMJ623. *Journal of the Chinese Chemical Society*, 63(5), 404–409.
- Choudhuri, S., Arvidson, K., & Chanderbhan, R. (2012). Carcinogenesis: Mechanisms and models. *Veterinary Toxicology: Basic and Clinical Principles*, 406.
- Chu, C. S., & Rubin, S. C. (2018). Basic principles of chemotherapy. *Clinical Gynecologic Oncology*, 449–469.e2.
- Conklin, K. A. (2000). Dietary antioxidants during cancer chemotherapy: Impact on chemotherapeutic effectiveness and development of side effects. *Nutrition and Cancer*, 37(1), 1–18.
- Corrêa, R. C. G., Brugnari, T., Bracht, A., Peralta, R. M., & Ferreira, I. C. F. R. (2016). Biotechnological, nutritional and therapeutic uses of *Pleurotus* spp. (Oyster mushroom) related with its chemical composition: A review on the past decade findings. *Trends in Food Science and Technology*, 50, 103–117.
- Coussens, L. M., & Werb, Z. (2002). Inflammation and cancer. *Nature*, 420(6917), 860–867.

- Cox, R. (1994). Molecular mechanisms of radiation oncogenesis. *International Journal of Radiation Biology*, 65(1), 57–64.
- Coyle, J. T., & Puttfarcken, P. (1993). Oxidative stress, glutamate and neurodegenerative disorders. *Science*, 262(5134), 689–695.
- Curtis, C. C. (1993). P53: At crossroads of molecular carcinogenesis and risk assessment. *Science*, 262, 1980–1981
- Czaja, A. J. (2008). Chapter 11 Immunopathogenesis of autoimmune liver damage. *Handbook of Systemic Autoimmune Diseases*, 8, 121–139.
- Darkin-Rattray, S. J., Gurnett, A. M., Myers, R. W., Dulski, P. M., Crumley, T. M., Allocco, J. J., Cannova, C., Meinke, P. T., Colletti, S. L., Bednarek, M. A., Singh, S. B., Goetz, M. A., Dombrowski, A. W., Polishook, J. D., & Schmatz, D. M. (1996). Apicidin: A novel antiprotozoal agent that inhibits parasite histone deacetylase. *Proceedings of the National Academy of Sciences of the United States of America*, 93(23), 13143–13147.
- Das, S. K. (2003). Harmful health effects of cigarette smoking. *Molecular and Cellular Biochemistry*, 253(1–2), 159–165.
- De Flora, S., Cesarone, C. F., Balansky, R. M., Albini, A., D'Agostini, F., Bennicelli, C., Bagnasco, M., Camoirano, A., Scatolini, L., Rovida, A. & Izzotti, A. (1995). Chemopreventive properties and mechanisms of N-acetylcysteine. The experimental background. *Journal of Cellular Biochemistry*, 59(S22), 33–41.
- Desai, P. B. (2002). Cancer control efforts in the Indian subcontinent. *Japanese Journal of Clinical Oncology*, 32(Suppl.)(suppl_1), S13–S16.
- Devi, P. U. (2004). Basics of carcinogenesis. *Health Administrator*, 17(1), 16–24.
- Devi, R. (2020). *New and future developments in microbial biotechnology and bioengineering*. Fungal secondary metabolites and their biotechnological applications for human health, 147–161.
- Ding, L., Liu, Z., Zhu, Z., Luo, G., Zhao, D., & Ni, J. (1998). Biochemical characterization of selenium-containing catalytic antibody as a cytosolic glutathione peroxidase mimic. *Biochemical Journal*, 332(1), 251–255.
- Douros, J., & Suffness, M. (2013). Other New Drugs. *New Drugs in Cancer Chemotherapy*, 76, 153.
- Easwaran, V., Pishvaian, M., Salimuddin, S., & Byers, S. (1999). Cross-regulation of β -catenin–LEF/TCF and retinoid signaling pathways. *Current Biology*, 9(23), 1415–1418.
- Ebadi, M. (2001). Antioxidants and free radicals in health and disease: An introduction to reactive oxygen species, oxidative injury, neuronal cell death and therapy in neurodegenerative diseases. *Critical Reviews in Toxicology*, 38, 13–15.
- Miles, W. E. (1908). A method of performing abdomino-perineal excision for carcinoma of the rectum and of the terminal portion of the pelvic colon. *Lancet*, 172(4451), 1812–1813.
- Feldman, S. R., & Yentzer, B. A. (2009). Topical clobetasol propionate in the treatment of psoriasis: A review of newer formulations. *American Journal of Clinical Dermatology*, 10(6), 397–406.
- Fissan, H., Ristig, S., Kaminski, H., Asbach, C., & Epple, M. (2014). Comparison of different characterization methods for nanoparticle dispersions before and after aerosolization. *Analytical Methods*, 6(18), 7324–7334.

- Flier, J. S., Underhill, L. H., & Dvorak, H. F. (1986). Tumors: Wounds that do not heal. *New England Journal of Medicine*, 315(26), 1650–1659.
- Forman, H. J., Zhang, H., & Rinna, A. (2009). Glutathione: Overview of its protective roles, measurement, and biosynthesis. *Molecular Aspects of Medicine*, 30(1–2), 1–12.
- Fouad, T. M., Kogawa, T., Reuben, J. M., & Ueno, N. T. (2014). The role of inflammation in inflammatory breast cancer. *Advances in Experimental Medicine and Biology*, 53–73.
- Foulds, L. J. C. R. (1954). The experimental study of tumor progression: A review. *Cancer Research*, 14(5), 327–339.
- Fraga, C. G., Motchnik, P. A., Wyrobek, A. J., Rempel, D. M., & Ames, B. N. (1996). Smoking and low antioxidant levels increase oxidative damage to sperm DNA. *Mutation Research*, 351(2), 199–203.
- Francisco, A. P., Perry, M. D. J., Moreira, R., & Mendes, E. (2008). Alkylating agents. *Anticancer therapeutics*, 133.
- Frei, B. (1994). Reactive oxygen species and antioxidant vitamins: Mechanism of action. *American Journal of Medicine*, 97(3A), 5S–13S; discussion 22S.
- Fridovich, I. (1974). Superoxide dismutases. In *Advances in Enzymology - and Related Areas of Molecular Biology*, 41, 35–97.
- Fridovich, I. (1975). Superoxide dismutases. *Annual Review of Biochemistry*, 44(1), 147–159.
- Fridovich, I. (1989). Superoxide dismutases, an adaptation to a paramagnetic gas. *Journal of Biological Chemistry*, 264(14), 7761–7764.
- Fridovich, I. (1978). The biology of oxygen radicals. *Science*, 201(4359), 875–880. doi:10.1126/science.210504
- Fukui, A., Ushijima, K., Nishio, S., Fujiyoshi, K., & Kage, M. (2013). Long survival in a rare case of hepatocellular carcinoma that metastasized to the ovary: A case report. *Journal of Clinical Case Reports*, 3(249), 2
- Fukuzawa, K., & Gebicki, J. M. (1983). Oxidation of alpha tocopherol in micelles and liposomes. *Archives of Biochemistry and Biophysics*, 226(1), 242–251.
- Gade, A. K., Bonde, P., Ingle, A. P., Marcato, P. D., Durán, N., & Rai, M. K. (2008). Exploitation of *Aspergillus niger* for synthesis of silver nanoparticles. *Journal of Biobased Materials and Bioenergy*, 2(3), 243–247.
- García, J., Franci, G., Pereira, R., Benedetti, R., Nebbioso, A., Rodríguez-Barrios, F., Gronemeyer, H., Altucci, L., & de Lera, A. R. (2011). Epigenetic profiling of the antitumor natural product psammoplin A and its analogues. *Bioorganic & medicinal chemistry*, 19(12), 3637–3649.
- kim, J., Franci, G., Pereira, R., Benedetti, R., Nebbioso, A., Rodríguez-Barrios, F., Gronemeyer, H., Altucci, L., & de Lera, A. R. (2011). Epigenetic profiling of the antitumor natural product psammoplin A and its analogues. *Bioorganic and Medicinal Chemistry*, 19(12), 3637–3649.
- Garrett, C. T. (1986). Oncogenes. *Clinica Chimica Acta; International Journal of Clinical Chemistry*, 156(1), 1–40.
- Genden, E. M., Ferlito, A., Silver, C. E., Jacobson, A. S., Werner, J. A., Suárez, C., Leemans, C. R., Bradley, P. J., & Rinaldo, A. (2007). Evolution of the management of laryngeal cancer. *Oral Oncology*, 43(5), 431–439.

- Girotti, A. W. (1998). Lipid hydroperoxide generation, turnover, and effector action in biological systems. *Journal of Lipid Research*, 39(8), 1529–1542.
- Giuliano, F., & Warner, T. D. (2002). Origins of prostaglandin E2: Involvements of cyclooxygenase (COX)-1 and COX-2 in human and rat systems. *Journal of Pharmacology and Experimental Therapeutics*, 303(3), 1001–1006.
- Gopinadh, G. (2015). Cancer characteristics and causes. *Research and Reviews: Journal of Medical and Health Sciences*, 4(1).
- Greenwald, R. A. (1991). Animal model for evaluation of arthritic drugs. *Methods and Findings in Experimental and Clinical Pharmacology*, 13(2), 75–83.
- Guilger-Casagrande, M., & de Lima, R. D. (2019). Synthesis of silver nanoparticles mediated by fungi: A review. *Frontiers in Bioengineering and Biotechnology*, 7, 287.
- Hacisevki, A. (2009). An overview of ascorbic acid biochemistry. *Ankara Üniversitesi Eczacılık Fakültesi Dergisi*, 38(3), 233–255.
- Hafeman, D. G., Sunde, R. A., & Hoekstra, W. G. (1974). Effect of dietary selenium on erythrocyte and liver glutathione peroxidase in the rat. *Journal of Nutrition*, 104(5), 580–587.
- Hall, E. J. (2006). Intensity-modulated radiation therapy, protons, and the risk of second cancers. *International Journal of Radiation Oncology, Biology, Physics* Biology* Physics*, 65(1), 1–7.
- Hall, T. (1999). BioEdit: a user-friendly biological sequence alignment editor and analysis program for Windows 95/98/NT. In *Nucleic Acids Symp. Ser.* (Vol. 41, pp. 95-98).
- Halliwell, B. (1996). Antioxidants: The basics-what they are and how to evaluate them. *Advances in Pharmacology*, 38, 3–20.
- Halliwell, B., & Gutteridge, J. M. (2015). *Free radicals in biology and medicine*. Oxford University Press.
- Halliwell, B., & Gutteridge, J. M. (1995). The definition and measurement of antioxidants in biological systems. *Free Radical Biology and Medicine*, 18(1), 125–126.
- Halliwell, B., & Gutteridge, J. M. C. (1989). Free radical, aging and diseases. In *Free radicals in Biology and Medicine* (2nd ed) p. 416. Clarendon Press.
- Hansen, K., & Mossman, B. T. (1987). Generation of superoxide from alveolar macrophages exposed to asbestiform and nonfibrous particles. *Cancer Research*, 47(6), 1681–1686.
- Harris, C. C. (1991). Chemical and physical carcinogenesis: Advances and perspectives for the 1990s. *Cancer Research*, 51(18)(Suppl.), 5023s–5044s.
- Hartman, Z. C., Yang, X. Y., Glass, O., Lei, G., Osada, T., Dave, S. S., Morse, M. A., Clay, T. M., & Lyerly, H. K. (2011). HER2 overexpression elicits a proinflammatory IL-6 autocrine signaling loop that is critical for tumorigenesis. *Cancer Research*, 71(13), 4380–4391.
- Hartmann, A., Blaszyk, H., Kovach, J. S., & Sommer, S. S. (1997). The molecular epidemiology of p53 mutations in human breast cancer. *Trends in Genetics*, 13(1), 27–33.
- Hatfield, G. L., & Barclay, L. R. C. (2004). Bilirubin as an antioxidant: Kinetic studies of the reaction of bilirubin with peroxy radicals in solution, micelles, and lipid bilayers. *Organic Letters*, 6(10), 1539–1542.
- Haywood, A., Good, P., Khan, S., Leupp, A., Jenkins-Marsh, S., Rickett, K., & Hardy, J. R. (2015). Corticosteroids for the management of cancer-related pain in adults. *Cochrane Database of Systematic Reviews*, (4), CD010756.

- Hemminki, K., & Mutanen, P. (2001). Genetic epidemiology of multistage carcinogenesis. *Mutation Research*, 473(1), 11–21.
- Herceg, Z. (2007). Epigenetics and cancer: towards an evaluation of the impact of environmental and dietary factors. *Mutagenesis*, 22(2), 91–103.
- Herrera, E., & Barbas, C. (2001). Vitamin E: Action, metabolism and perspectives. *Journal of Physiology and Biochemistry*, 57(1), 43–56.
- Higinbotham, K. G., Rice, J. M., Diwan, B. A., Kasprzak, K. S., Reed, C. D., & Perantoni, A. O. (1992). GGT to GTT transversions in codon 12 of the K-ras oncogene in rat renal sarcomas induced with nickel subsulfide or nickel subsulfide/iron are consistent with oxidative damage to DNA. *Cancer Research*, 52(17), 4747–4751.
- Hirose, M., Hoshiya, T., Akagi, K., Futakuchi, M., & Ito, N. (1994). Inhibition of mammary gland carcinogenesis by green tea catechins and other naturally occurring antioxidants in female Sprague-Dawley rats pretreated with 7, 12-dimethylbenz [a] anthracene. *Cancer letters*, 83(1-2), 149–156.
- Hobbs, C. (1995). *Medicinal mushrooms: An exploration of tradition, healing and culture* (2nd ed). Botanica Press.
- Hoet, P. H., Brüske-Hohlfeld, I., & Salata, O. V. (2004). Nanoparticles—known and unknown health risks. *Journal of Nanobiotechnology*, 2(1), 12.
- Hollstein, M., Sidransky, D., Vogelstein, B., & Harris, C. C. (1991). p53 mutations in human cancers. *Science*, 253(5015), 49–53.
- Hopkins, F. G., & Elliott, K. A. C. (1931). The relation of glutathione to cell respiration with special reference to hepatic tissue. *Proceedings of the Royal Society of London. Series B, Containing Papers of a Biological Character*, 109(760), 58–88.
- Hwang, S. B., Lam, M. H., Li, C. L., & Shen, T. Y. (1986). Release of platelet activating factor and its involvement in the first phase of carrageenin-induced rat foot edema. *European Journal of Pharmacology*, 120(1), 33–41.
- Itzkowitz, S. H., & Yio, X. (2004). Inflammation and cancer IV. Colorectal cancer in inflammatory bowel disease: The role of inflammation. *American Journal of Physiology. Gastrointestinal and Liver Physiology*, 287(1), G7–G17.
- Izzotti, A., D'Agostini, F., Bagnasco, M., Scatolini, L., Rovida, A., Balansky, R.M., Cesarone, C.F. and De Flora, S. (1994). Chemoprevention of carcinogen-DNA adducts and chronic degenerative diseases. *Cancer research*, 54(7 Supplement).
- Joseph, E., & Singhvi, G. (2019). Multifunctional nanocrystals for cancer therapy: A potential nanocarrier. *Nanomaterials for drug delivery and therapy*, 91–116.
- Jovanovic, S. V., Steenken, S., Simic, M. G., & Hara, Y. (1998). *Flavonoids in health and disease*. Marcel Dekker.
- Joy, K. L., Rajeshkumar, N. V., Kuttan, G., & Kuttan, R. (2000). Effect of Picrorrhiza kurroa extract on transplanted tumours and chemical carcinogenesis in mice. *Journal of Ethnopharmacology*, 71(1–2), 261–266.
- Ju, Y. M., & Hsieh, H. M. (2007). Xylaria species associated with nests of *Odontotermes formosanus* in Taiwan. *Mycologia*, 99(6), 936–957. <https://doi.org/10.3852/mycologia.99.6.936>
- Ju, Y. M., Rogers, J. D., & Hsieh, H. M. (2018). Xylaria species associated with fallen fruits and seeds. *Mycologia*, 110(4), 726–749.
- Kalaiselvi, M., Narmadha, R., Ragavendran, P., Ravikumar, G., Gomathi, D., Sophia, D., Raj, C. A., Uma, C., & Kalaivani, K. (2012). In vivo and in vitro antitumor activity of

- Jasminum sambac (Linn.) Ait Oleaceae flower against Dalton's ascites lymphoma induced Swiss albino mice. *International Journal of Pharmacy and Pharmaceutical Sciences*, 4, 144–147.
- Kaleoğlu, Ö., & İşli, N. (1977). Ehrlich-Lette Asit Tümörü, tıp Fakültesi Mecmuası, 40, 978–984.
- Kanner, J., German, J. B., Kinsella, J. E., & Hultin, H. O. (1987). Initiation of lipid peroxidation in biological systems. *Critical Reviews in Food Science and Nutrition*, 25(4), 317–364.
- Karim-Kos, H. E., de Vries, E., Soerjomataram, I., Lemmens, V., Siesling, S., & Coebergh, J. W. W. (2008). Recent trends of cancer in Europe: A combined approach of incidence, survival and mortality for 17 cancer sites since the 1990s. *European Journal of Cancer*, 44(10), 1345–1389.
- Kastan, M. B., & Skapek, S. X. (1997). *Molecular biology of cancer: The cell cycle. Cancer: Principles and practice of oncology*, 121–134.
- Kaufman, K. D., Olsen, E. A., Whiting, D., Savin, R., DeVillez, R., Bergfeld, W., Price, V. H., Van Neste, D., Roberts, J. L., Hordinsky, M., Shapiro, J., Binkowitz, B., & Gormley, G. J. (1998). Finasteride in the treatment of men with androgenetic alopecia. *Journal of the American Academy of Dermatology*, 39(4), 578–589.
- Kerry, N., & Rice-Evans, C. (1999). Inhibition of peroxynitrite-mediated oxidation of dopamine by flavonoid and phenolic antioxidants and their structural relationships. *Journal of Neurochemistry*, 73(1), 247–253.
- Khambete, N., & Kumar, R. (2014). Carcinogens and cancer preventors in diet. *International Journal of Nutrition, Pharmacology, Neurological Diseases*, 4(1), 4.
- Khan, B. V., Harrison, D. G., Olbrych, M. T., Alexander, R. W., & Medford, R. M. (1996). Nitric oxide regulates vascular cell adhesion molecule 1 gene expression and redox-sensitive transcriptional events in human vascular endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, 93(17), 9114–9119.
- Kienle, G. S., Glockmann, A., Schink, M., & Kiene, H. (2009). *Viscum album* L. extracts in breast and gynaecological cancers: A systematic review of clinical and preclinical research. *Journal of Experimental and Clinical Cancer Research*, 28(1), 79.
- Kim, G. Y., Roh, S. I., Park, S. K., Ahn, S. C., Oh, Y. H., Lee, J. D., & Park, Y. M. (2003). Alleviation of experimental septic shock in mice by acidic polysaccharide isolated from the medicinal mushroom *Phellinus linteus*. *Biological and Pharmaceutical Bulletin*, 26(10), 1418–1423.
- Kleinsmith, L. J. (2006). *Principles of cancer biology*. Benjamin-Cummings. San Francisco.
- Klerkx, W. M., Sie-Go, D. M. D. S., Daan, N. M. P., Witteveen, P. O., & Verheijen, R. H. M. (2013). A lymphatically metastasized perivascular epithelioid cell tumor from the uterus. *Gynecology and Obstetrics*, 3(170), 2161–0932.
- Knight, J. A. (1999). The aging process. Free radicals, antioxidants. *Aging and Disease*. Association for the Aid of Crippled Children Press, 64–73.
- Knudson, A. G. (1993). Antioncogenes and human cancer. *Proceedings of the National Academy of Sciences*, 90(23), 10914–10921.
- Kokate, C. K., Purohit, A. P., & Gokhale, S. B. (1990). *Pharmacognosy* (1st ed) (pp. 110–111).

- Kokate, C. K., Purohit, A. P., & Gokhale, S. B. (1993). *Pharmacognosy*, Nirali Prakashan, 37 section.
- Krishnaraj, C., Jagan, E. G., Rajasekar, S., Selvakumar, P., Kalaichelvan, P. T., & Mohan, N. (2010). Synthesis of silver nanoparticles using *Acalypha indica* leaf extracts and its antibacterial activity against water borne pathogens. *Colloids and Surfaces. B, Biointerfaces*, 76(1), 50–56.
- Kunovac, J. L., & Stahl, S. M. (1995). Future directions in anxiolytic pharmacotherapy. *Psychiatric Clinics of North America*, 18(4), 895–909.
- Larkin, M.A.; Blackshields, G.; Brown, N.P.; Chenna, R.; McGettigan, P.A.; McWilliam, H.; Valentin, F.; Wallace, I.M.; Wilm, A.; Lopez, R.; Thompson, J.D.; Gibson, T.J.; Higgins, D.G. (2007). Clustal W and Clustal X version 2.0. *Bioinformatics*, 23(21), 2947–2948. doi:10.1093/bioinformatics/btm404
- Larsen, G. L., & Henson, P. M. (1983). Mediators of inflammation. *Annual Review of Immunology*, 1(1), 335–359.
- Latha, K. P. D., Veluthoor, S., & Manimohan, P. (2015). On the taxonomic identity of a fungal morph used in traditional medicine in Kerala State, India. *Phytotaxa*, 201(4), 287–295.
- Lee, S. B., Milgroom, M. G., & Taylor, J. W. (1988). A rapid, high yield mini-prep method for isolation of total genomic DNA from fungi. *Fungal Genet. Newsl*, 35, 23-24.
- Levin, V. A., Ictech, S. E., & Hess, K. R. (2018). Clinical importance of eflornithine (α -difluoromethylornithine) for the treatment of malignant gliomas. *CNS Oncology*, 7, CNS16.
- Lin, P. C., Lin, S., Wang, P. C., & Sridhar, R. (2014). Techniques for physicochemical characterization of nanomaterials. *Biotechnology advances*, 32(4), 711-726.
- Lippi, G., Montagnana, M., Franchini, M., Favaloro, E. J., & Targher, G. (2008). The paradoxical relationship between serum uric acid and cardiovascular disease. *Clinica Chimica Acta; International Journal of Clinical Chemistry*, 392(1–2), 1–7.
- Liu, M., Pelling, J. C., Ju, J., Chu, E., & Brash, D. E. (1998). Antioxidant action via p53-mediated apoptosis. *Cancer Research*, 58(8), 1723–1729.
- Liu, T., Stern, A., Roberts, L. J., & Morrow, J. D. (1999). The isoprostanes: Novel prostaglandin-like products of the free radical-catalyzed peroxidation of arachidonic acid. *Journal of Biomedical Science*, 6(4), 226–235.
- Lobo, V., Patil, A., Phatak, A., & Chandra, N. (2010). Free radicals, antioxidants and functional foods: Impact on human health. *Pharmacognosy Reviews*, 4(8), 118–126.
- Lu, H., Ouyang, W., & Huang, C. (2006). Inflammation, a key event in cancer development. *Molecular Cancer Research*, 4(4), 221–233.
- Ma, P., Jia, G., & Song, Z. (2021). Monobenzone, a novel and potent KDM1A inhibitor, suppresses migration of gastric cancer cells. *Frontiers in Pharmacology*, 12, 640949.
- Madden, C. R., Finegold, M. J., & Slagle, B. L. (2002). Altered DNA mutation spectrum in aflatoxin b1-treated transgenic mice that express the hepatitis B virus x protein. *Journal of Virology*, 76(22), 11770–11774.
- Mann, P. J. G. (1932). The reduction of glutathione by a liver system. *Biochemical Journal*, 26(3), 785.
- Marklund, S. L. (1984). Extracellular superoxide dismutase in human tissues and human cell lines. *Journal of Clinical Investigation*, 74(4), 1398–1403.

- Marklund, S. L., Holme, E., & Hellner, L. (1982). Superoxide dismutase in extracellular fluids. *Clinica chimica acta; International Journal of Clinical Chemistry*, 126(1), 41–51.
- Marquardt, H., Schäfer, S. G., McClellan, R. O., & Welsch, F. (1999). Chemical carcinogens. In Toxicology, (eds). Academic Press, 151–159
- Marshall, C. J. (1991). *Tumor suppressor genes. Cell*, 64,313.
- Masood, I., Kiani, M. H., Ahmad, M., Masood, M. I., & Sadaquat, H. (2016). Major contributions towards finding a cure for cancer through chemotherapy: a historical review. *Tumori Journal*, 102(1), 6-17.
- McAlpine, P. J., Boucheix, C., Pakstis, A. J., Stranc, L. C., Berent, T. G., & Shows, T. B. (1988). The 1988 catalog of mapped genes and report of the nomenclature committee. *Cytogenetics and Cell Genetics*, 49(1–3), 4–38.
- McCay, P. B. (1985). Vitamin E: Interactions with free radicals and ascorbate. *Annual Review of Nutrition*, 5, 323–340.
- McCord, J. M. (2000). The evolution of free radicals and oxidative stress. *American Journal of Medicine*, 108(8), 652–659.
- McCord, J. M., & Fridovich, I. (1969). Superoxide dismutase. *Journal of Biological Chemistry*, 244(22), 6049–6055.
- mann, G. C. (1960). Glutathione peroxidase and the destruction of hydrogen peroxide in animal tissues. *Archives of Biochemistry and Biophysics*, 86, 1–5.
- Mirończuk-Chodakowska, I., Witkowska, A. M., & Zujko, M. E. (2018). Endogenous non-enzymatic antioxidants in the human body. *Advances in Medical Sciences*, 63(1), 68–78.
- Mohammed, M. S., Osman, W. J., Garelnabi, E. A., Osman, Z., Osman, B., Khalid, H. S., & Mohamed, M. A. (2014). Secondary metabolites as anti-inflammatory agents. *J. Phytopharmacol.*, 3(4), 275–285.
- Møller, P., & Wallin, H. (1998). Adduct formation, mutagenesis and nucleotide excision repair of DNA damage produced by reactive oxygen species and lipid peroxidation product. *Mutation Research*, 410(3), 271–290.
- Moncada, S. R. M. J., Palmer, R. M., & Higgs, E. A. (1991). Nitric oxide: Physiology, pathophysiology and pharmacology. *Pharmacological Reviews*, 43(2), 109–142-1113.
- Moradali, M. F., Mostafavi, H., Ghods, S., & Hedjaroude, G. A. (2007). Immunomodulating and anticancer agents in the realm of macromycetes fungi (macrofungi). *International Immunopharmacology*, 7(6), 701–724.
- Moron, M. S., Depierre, J. W., & Mannervik, B. (1979). Levels of glutathione, glutathione reductase and glutathione S-transferase activities in rat lung and liver. *Biochimica et biophysica acta (BBA)-general subjects*, 582(1), 67-78.
- Moudi, M., Go, R., Yien, C. Y. S., & Nazre, M. (2013). Vinca alkaloids. *International Journal of Preventive Medicine*, 4(11), 1231–1235.
- Moutevelis-Minakakis, P., Papavassilopoulou, E., Michas, G., Georgikopoulou, K., Ragoussi, M. E., Neophytou, N., Zoumpoulakis, P., Mavromoustakos, T., & Hadjipavlou-Litina, D. (2011). Synthesis, in silico docking experiments of new 2-pyrrolidinone derivatives and study of their anti-inflammatory activity. *Bioorganic and Medicinal Chemistry*, 19(9), 2888–2902.
- Mukherjee, S., Liang, L., & Veiseh, O. (2020). Recent advancements of magnetic nanomaterials in cancer therapy. *Pharmaceutics*, 12(2), 147.

- Mukhtar, E., Adhami, V. M., & Mukhtar, H. (2014). Targeting microtubules by natural agents for cancer therapy. *Molecular Cancer Therapeutics*, *13*(2), 275–284.
- Murphy, M. J., & Li, T. (2010). R. Timmerman & L. Xing (Eds.). *Introduction. Image-guided and adaptive radiation therapy. Image-guided and adaptive radiation therapy* (pp. 3–15). Lippincott Williams & Wilkins.
- O'Brien, P. J. (1969). Intracellular mechanism for the decomposition of lipid peroxide, decomposition of the lipid peroxide by metal ions, haem compounds and nucleophiles. *Canadian Journal of Biochemistry*, *47*(5), 485–492.
- O'Byrne, K. J., & Dalglish, A. G. (2001). Chronic immune activation and inflammation as the cause of malignancy. *British Journal of Cancer*, *85*(4), 473–483.
- O'Dell, T. J., Hawkins, R. D., Kandel, E. R., & Arancio, O. (1991). Tests of the roles of two diffusible substances in long-term potentiation: Evidence for nitric oxide as a possible early retrograde messenger. *Proceedings of the National Academy of Sciences of the United States of America*, *88*(24), 11285–11289.
- Ohkawa, H., Ohishi, N., & Yagi, K. (1979). *Assay for lipid peroxides in animal tissues by*.
- Owllen, R. J., Hartke, C. A., Dickerson, R. M., & Hains, F. O. (1976). Inhibition of tubulin-microtubule polymerization by drugs of the vinca alkaloid class. *Cancer Research*, *36*(4), 1499–1502.
- Ozaslan, M., Didem Karagöz, I. D., Kalender, M. E., Kilic, I. H., Sari, I., & Karagöz, A. (2007). In vivo antitumoral effect of *Plantago major* L. extract on Balb/C mouse with Ehrlich ascites tumor. *American Journal of Chinese Medicine*, *35*(5), 841–851.
- Pacher, P., Beckman, J. S., & Liaudet, L. (2007). Nitric oxide and peroxynitrite in health and disease. *Physiological Reviews*, *87*(1), 315–424.
- Packer, L. (1997). *Vitamin C and redox cycling antioxidants. Vitamin C in health and disease*. 95–107.
- Pal, S., Tak, Y. K., & Song, J. M. (2007). Does the antibacterial activity of silver nanoparticles depend on the shape of the nanoparticle? A study of the gram-negative bacterium *Escherichia coli*. *Applied and Environmental Microbiology*, *73*(6), 1712–1720.
- Pannala, A. S., Razaq, R., Halliwell, B., Singh, S., & Rice-Evans, C. A. (1998). Inhibition of peroxynitrite dependent tyrosine nitration by hydroxycinnamates: Nitration or electron donation? *Free Radical Biology and Medicine*, *24*(4), 594–606.
- Paradis, M., Gagné, J., Mateescu, M. A., & Paquin, J. (2010). The effects of nitric oxide-oxidase and putative glutathione-peroxidase activities of ceruloplasmin on the viability of cardiomyocytes exposed to hydrogen peroxide. *Free Radical Biology and Medicine*, *49*(12), 2019–2027.
- Parihar, M. S., & Dubey, A. K. (1996). Lipid peroxidation and ascorbic acid status in respiratory organs of male and female fresh water catfish *Heteropneustes fossilis* exposed to temperature increase. *Comp. Biochemistry and Physiology*, *1*(12C), 309–313.
- Parihar, M. S., Manjula, Y., Banu, S., Hernnani, T., Javeri, T., & Prakash, P. (1997). Nicotinamide and α -tocopherol combination partially protects tert-butyl hydroperoxide neurotoxicity: Implication for neurodegenerative disease. *Current Science*, *73*(3), 290–293.
- Pehlivan, F. E. (2017). *Vitamin C: An antioxidant agent. Vitamin C*, 23–35.

- Percy, M. E. (1984). Catalase: An old enzyme with a new role? *Canadian Journal of Biochemistry and Cell Biology*, 62(10), 1006–1014.
- Perkins, A. S., & Stern, D. F. (1997). Molecular biology of cancer: Oncogenes. In V. T. DeVita, Jr, S. Hellman & S. A. Rosenberg (Eds.), *Cancer: Principles and practices of oncology* (pp. 79–102).
- Pietta, P. G. (2000). Flavonoids as antioxidants. *Journal of Natural Products*, 63(7), 1035–1042.
- Pitot, H. C. (1989). Progression: The terminal stage in carcinogenesis. *Japanese Journal of Cancer Research: Gann*, 80(7), 599–607.
- Pitot, H. C. (1993). The molecular biology of carcinogenesis. *Cancer*, 72(3)(Suppl.), 962–970.
- Plummer, M., de Martel, C., Vignat, J., Ferlay, J., Bray, F., & Franceschi, S. (2016). Global burden of cancers attributable to infections in 2012: A synthetic analysis. *Lancet. Global Health*, 4(9), e609–e616.
- Popescu, N. C., Amsbaugh, S. C., Milo, G., & DiPaolo, J. A. (1986). Chromosome alterations associated with in vitro exposure of human fibroblasts to chemical or physical carcinogens. *Cancer Research*, 46(9), 4720–4725.
- Qian, Y., Yu, H., He, D., Yang, H., Wang, W., Wan, X., & Wang, L. (2013). Biosynthesis of silver nanoparticles by the endophytic fungus *Epicoccum nigrum* and their activity against pathogenic fungi. *Bioprocess and Biosystems Engineering*, 36(11), 1613–1619.
- Racker, E. (1955). Glutathione reductase from baker's yeast and beef liver. *Journal of Biological Chemistry*, 217(2), 855–865.
- Radi, R. B. J. S., Beckman, J. S., Bush, K. M., & Freeman, B. A. (1991). Peroxynitrite oxidation of sulfhydryls: The cytotoxic potential of superoxide and nitric oxide. *Journal of Biological Chemistry*, 266(7), 4244–4250.
- Rahman, K. (2007). Studies on free radicals, antioxidants, and co-factors. *Clinical Interventions in Aging*, 2(2), 219–236.
- Rajeshkumar, N. V., Joy, K. L., Kuttan, G., Ramsewak, R. S., Nair, M. G., & Kuttan, R. (2002). Antitumour and anticarcinogenic activity of *Phyllanthus amarus* extract. *Journal of Ethnopharmacology*, 81(1), 17–22.
- Rao, A. L., Bharani, M., & Pallavi, V. (2006). Role of antioxidants and free radicals in health and disease. *Advances in Pharmacology and Toxicology*, 7(1), 29–38.
- Ray, L. E., & Prescott, J. M. (1975). Isolation and some characteristics of glutathione reductase from rabbit erythrocytes (38548). *Proceedings of the Society for Experimental Biology and Medicine. Society for Experimental Biology and Medicine*, 148(2), 402–409.
- Rice-Evans, C. (2001). Flavonoid antioxidants. *Current Medicinal Chemistry*, 8(7), 797–807.
- Rice-Evans, C. A., Miller, N. J., & Paganga, G. (1996). Structure-antioxidant activity relationships of flavonoids and phenolic acids. *Free Radical Biology and Medicine*, 20(7), 933–956.
- Rock, C. L., Jacob, R. A., & Bowen, P. E. (1996). Update on the biological characteristics of the antioxidant micronutrients: Vitamin C, vitamin E, and the carotenoids. *Journal of the American Dietetic Association*, 96(7), 693–702; quiz 703
- Rodenhuis, S. (1992). ras and human tumors. *Seminars in Cancer Biology*, 3(4), 241–247.

- Rodgman, A., Smith, C. J., & Perfetti, T. A. (2000). The composition of cigarette smoke: A retrospective, with emphasis on polycyclic components. *Human and Experimental Toxicology*, *19*(10), 573–595.
- Rordam, O. M., Lenouvel, E. W., & Maalo, M. (2012). Successful treatment of extensive vitiligo with monobenzone. *Journal of Clinical and Aesthetic Dermatology*, *5*(12), 36–39.
- Rosin, M. P., Anwar, W. A., & Ward, A. J. (1994). Inflammation, chromosomal instability and cancer: The scistosomiasis model. *Cancer Research*, *54*, 1929–1933.
- Ross, A. C. (2010). Vitamin A. *Bioactive compounds and cancer*, 335–356.
- Rouhier, N., Lemaire, S. D., & Jacquot, J. P. (2008). The role of glutathione in photosynthetic organisms: Emerging functions for glutaredoxins and glutathionylation. *Annual Review of Plant Biology*, *59*, 143–166.
- Russel, P. J. (1998). Genetics. The Benjamin Cumming Publishing Company. Inc. Mcnlopark. USA, 5, 585–614.
- Samuelsson, M., Vainikka, L., & Öllinger, K. (2011). Glutathione in the blood and cerebrospinal fluid: A study in healthy male volunteers. *Neuropeptides*, *45*(4), 287–292.
- Sato, K., Niki, E., & Shimasaki, H. (1990). Free radical-mediated chain oxidation of low density lipoprotein and its synergistic inhibition by vitamin E and vitamin C. *Archives of Biochemistry and Biophysics*, *279*(2), 402–405.
- Scaife, J., & Kerr, D. (2018). *Antimetabolites in cancer therapy* (pp. 91–110). Anticancer Therapeutics.
- Scalbert, A., Manach, C., Morand, C., Rémésy, C., & Jiménez, L. (2005). Dietary polyphenols and the prevention of diseases. *Critical Reviews in Food Science and Nutrition*, *45*(4), 287–306.
- Schuman, E. M., & Madison, D. V. (1991). A requirement for the intercellular messenger nitric oxide in long-term potentiation. *Science*, *254*(5037), 1503–1506.
- Schwab, L., Goroncy, L., Palaniyandi, S., Gautam, S., Triantafyllopoulou, A., Mocsai, A., Reichardt, W., Karlsson, F. J., Radhakrishnan, S. V., Hanke, K., Schmitt-Graeff, A., Freudenberg, M., von Loewenich, F. D., Wolf, P., Leonhardt, F., Baxan, N., Pfeifer, D., Schmah, O., Schönle, A., & Zeiser, R. (2014). Neutrophil granulocytes recruited upon translocation of intestinal bacteria enhance graft-versus-host disease via tissue damage. *Nature Medicine*, *20*(6), 648–654.
- Schwab, M., & Amler, L. C. (1990). Amplification of cellular oncogenes: A predictor of clinical outcome in human cancer. *Genes, Chromosomes and Cancer*, *1*(3), 181–193.
- Segura, J. A., Barbero, L. G., & Márquez, J. (2000). Ehrlich ascites tumor unbalances splenic cell populations and reduces responsiveness of T cells to *Staphylococcus aureus* enterotoxin B stimulation. *Immunology Letters*, *74*(2), 111–115.
- Sen, C. K. (1995). Oxygen toxicity and antioxidants: State of the art. *Indian Journal of Physiology and Pharmacology*, *39*(3), 177–196.
- Shields, P. G. (2000). Epidemiology of tobacco carcinogenesis. *Current Oncology Reports*, *2*(3), 257–262.
- Shim, J. S., Lee, H. S., Shin, J., & Kwon, H. J. (2004). Psammaphin A, a marine natural product, inhibits aminopeptidase N and suppresses angiogenesis in vitro. *Cancer Letters*, *203*(2), 163–169.

- Shortt, J. (1867). An Account of the *Sclerotium stipitatum* (Berk. et Curr.) of Southern India. *Journal of the Linnean Society of London, Botany*, 9(39), 417–419.
- Siddiqi, K. S., & Husen, A. (2016). Fabrication of metal nanoparticles from fungi and metal salts: Scope and application. *Nanoscale Research Letters*, 11(1), 98.
- Singh, B., & Sharma, R. A. (2020). Secondary metabolites of medicinal plants. Ethnopharmacological properties, biological activity and production strategies. *Wiley publications*, 1.
- Singletary, S. E. (2001, April). Minimally invasive techniques in breast cancer treatment. In *Seminars in surgical oncology* (Vol. 20, No. 3, pp. 246-250). John Wiley & Sons, Inc.
- Solomon, E., Borrow, J., & Goddard, A. D. (1991). Chromosome aberrations and cancer. *Science*, 254(5035), 1153–1160.
- Soto, A. M., & Sonnenschein, C. (1985). The role of estrogen in the proliferation of human breast tumor cells (MCF-7). *Journal of Steroid Biochemistry*, 23(1), 87–94.
- Squadrito, G. L., & Pryor, W. A. (1998). Oxidative chemistry of nitric oxide: The roles of superoxide, peroxyxynitrite, and carbon dioxide. *Free Radical Biology and Medicine*, 25(4–5), 392–403.
- Steele, V. E., Kelloff, G. J., Wilkinson, B. P., & Arnold, J. T. (1990). Inhibition of transformation in cultured rat tracheal epithelial cells by potential chemopreventive agents.
- Stefanis, L., Burke, R. E., & Greene, L. A. (1997). Apoptosis in neurodegenerative disorders. *Current Opinion in Neurology*, 10(4), 299–305.
- Steven, A., & Lowe, J. (2000). Mosby, London. *Pathology*, 2, 79–104.
- Steward, W. P., & Brown, K. (2013). Cancer chemoprevention: A rapidly evolving field. *British Journal of Cancer*, 109(1), 1–7.
- Sun, Y. (1990). Free radicals, antioxidant enzymes, and carcinogenesis. *Free Radical Biology and Medicine*, 8(6), 583–599.
- Symonds, H., Krall, L., Remington, L., Saenz-Robles, M., Lowe, S., Jacks, T., & Van Dyke, T. (1994). p53-dependent apoptosis suppresses tumor growth and progression in vivo. *Cell*, 78(4), 703–711.
- Szucs, Z., & Jones, R. L. (2016). Introduction to systemic antineoplastic treatments for cardiologists. *Clinical. Cardio-Oncology*, 15–38.
- Tabin, C. J., Bradley, S. M., Bargmann, C. I., Weinberg, R. A., Papageorge, A. G., Scolnick, E. M., Dhar, R., Lowy, D. R., & Chang, E. H. (1982). Mechanism of activation of a human oncogene. *Nature*, 300(5888), 143–149.
- Taverna, M., Marie, A. L., Mira, J. P., & Guidet, B. (2013). Specific antioxidant properties of human serum albumin. *Annals of Intensive Care*, 3(1), 4.
- Temin, H. M. (1974). On the origin of RNA tumor viruses. *Annual Review of Genetics*, 8, 155–177.
- Thangam, R., Suresh, V., Rajkumar, M., Vincent, J. D., Gunasekaran, P., Anbazhagan, C., Kaveri, K., & Kannan, S. (2013). Antioxidant and in vitro anticancer effect of 2-pyrrolidinone rich fraction of *Brassica oleracea* var. *capitata* through induction of apoptosis in human cancer cells. *Phytotherapy Research*, 27(11), 1664–1670.
- Thuy, T. T. V., Hai, H., & Kawada, N. (2017). Role of oxidative and nitrosative stress in hepatic fibrosis. In *Liver pathophysiology* (pp. 213–224). Academic Press.

- Tolbert, B. M., Downing, M., Carlson, R. W., Knight, M. K., & Baker, E. M. (1975). Chemistry and metabolism of ascorbic acid and ascorbate sulfate. *Annals of the New York Academy of Sciences*, 258(1), 48–69.
- Trush, M. A., & Kensler, T. W. (1991). An overview of the relationship between oxidative stress and chemical carcinogenesis. *Free Radical Biology and Medicine*, 10(3–4), 201–209.
- Tsai, J., Jain, M., Hsieh, C., Lee, W., Yoshizumi, M., Patterson, C., Perrella, M. A., Cooke, C., Wang, H., Haber, E., Schlegel, R., & Lee, M. (1996). Induction of apoptosis by pyrrolidine dithiocarbamate and N-acetylcysteine in vascular smooth muscle cells. *Journal of Biological Chemistry*, 271(7), 3667–3670.
- UNSCEAR. (2000). Sources and effects of ionizing radiation, II. *Effects*. United Nations Scientific Committee on the Effects of Atomic Radiation Report to the General Assembly. United Nations.
- Upton, A. C., Albert, R. E., Burns, F. J., & Shore, R. E. (1986). *Historical perspectives on radiation carcinogenesis* (pp. 1–10). Elsevier.
- Vaessen, H. A. M. G., Jekel, A. A., & Wilbers, A. A. M. M. (1988). Dietary intake of polycyclic aromatic hydrocarbons. *Toxicological and Environmental Chemistry*, 16(4), 281–294.
- Verma, A. K., & Boutwell, R. K. (1980). Effects of dose and duration of treatment with the tumor-promoting agent, 12-O-tetradecanoylphorbol-13-acetate on mouse skin carcinogenesis. *Carcinogenesis*, 1(3), 271–276.
- Verma, V. C., Kharwar, R. N., & Gange, A. C. (2010). Biosynthesis of antimicrobial silver nanoparticles by the endophytic fungus *Aspergillus clavatus*. *Nanomedicine*, 5(1), 33–40.
- Verma, V. K., Ramesh, V., Tewari, S., Gupta, R. K., Sinha, N., & Pandey, C. M. (2005). Role of bilirubin, vitamin C and ceruloplasmin as antioxidants in coronary artery disease [CAD]. *Indian Journal of Clinical Biochemistry*, 20(2), 68–74.
- Versalovic, J. (2003). *Helicobacter pylori*: pathology and diagnostic strategies. *American journal of clinical pathology*, 119(3), 403–412.
- Wang, H., Naghavi, M., Allen, C., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D.C., Charlson, F.J., Chen, A.Z., Coates, M.M. and Coggeshall, M. (2016). Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The lancet*, 388(10053), 1459–1544.
- Waris, G., & Ahsan, H. (2006). Reactive oxygen species: Role in the development of cancer and various chronic conditions. *Journal of Carcinogenesis*, 5, 14.
- Wiley, B. J., Im, S. H., Li, Z. Y., McLellan, J., Siekkinen, A., & Xia, Y. (2006). Maneuvering the surface plasmon resonance of silver nanostructures through shape-controlled synthesis.
- Winrow, V. R., Winyard, P. G., Morris, C. J., & Blake, D. R. (1993). Free radicals in inflammation: Second messengers and mediators of tissue destruction. *British Medical Bulletin*, 49(3), 506–522.
- Winter, C. A., Risley, E. A., & Nuss, G. W. (1962). Carrageenan-induced edema in hind paw of the rat as an assay for antiinflammatory drugs. *Proceedings of the Society for Experimental Biology and Medicine. Society for Experimental Biology and Medicine*, 111, 544–547.

- Winyard, P. G., & Blake, D. R. (1996). Antioxidants, redox-regulated transcription factors, and inflammation. *Advances in pharmacology*, 38, 403-421.
- World Health Organization. (1996). *Cancer prevention and control (No. EM/RC43/8)*.
- Wu, L. L., Chiou, C. C., Chang, P. Y., & Wu, J. T. (2004). Urinary 8-OHdG: A marker of oxidative stress to DNA and a risk factor for cancer, atherosclerosis and diabetics. *Clinica chimica acta; International Journal of Clinical Chemistry*, 339(1–2), 1–9.
- Wu, Z. H., Wang, T. H., Huang, W., & Qu, Y. B. (2001). A simplified method for chromosome DNA preparation from filamentous fungi. *Mycosystema*, 20(4), 575-577.
- Yin, H., Xu, L., & Porter, N. A. (2011). Free radical lipid peroxidation: Mechanisms and analysis. *Chemical Reviews*, 111(10), 5944–5972.
- Young, I. S., & Woodside, J. V. (2001). Antioxidants in health and disease. *Journal of Clinical Pathology*, 54(3), 176–186.
- Zelenka, J., Dvořák, A., Alán, L., Zadinová, M., Haluzík, M., & Vitek, L. (2016). Hyperbilirubinemia protects against aging-associated inflammation and metabolic deterioration. *Oxidative Medicine and Cellular Longevity*, 2016, 6190609.
- Zhang, B. B., Guan, Y. Y., Hu, P. F., Chen, L., Xu, G. R., Liu, L., & Cheung, P. C. K. (2019). Production of bioactive metabolites by submerged fermentation of the medicinal mushroom *Antrodia cinnamomea*: Recent advances and future development. *Critical Reviews in Biotechnology*, 39(4), 541–554.
- Zhang, X. F., Liu, Z. G., Shen, W., & Gurunathan, S. (2016). Silver nanoparticles: Synthesis, characterization, properties, applications, and therapeutic approaches. *International Journal of Molecular Sciences*, 17(9), 1534.
- Ziberna, L., Martelanc, M., Franko, M., & Passamonti, S. (2016). Bilirubin is an endogenous antioxidant in human vascular endothelial cells. *Scientific Reports*, 6(1), 29240.
- Zienolddiny, S., Ryberg, D., & Haugen, A. (2000). Induction of microsatellite mutations by oxidative agents in human lung cancer cell lines. *Carcinogenesis*, 21(8), 1521–1526.