

References

Abou-Arab, A.A.K., & Abou Donia, M.A. (2001). Pesticide residues in some Egyptian spices and medicinal plants as affected by processing. *Food Chemistry*, 72, 439-445.

Acute oral toxicity-fixed dose procedure (2001). No OT. 420, OECD Guidelines for Testing of Chemicals.

Adam, V., & Chinopoulos, C. (2006). Bioenergetics and the formation of mitochondrial reactive oxygen species. *Trends in pharmacological sciences*, 27, 639-645.

Adams, R.P. (2007). Identification of essential oil components by GC-MS. Allured Publishing Corp., Carol Stream, Illinois, USA.

Adeneye, A.A., Benebo, A.S. (2008). Protective effect of the aqueous leaf and seed extract of *Phyllanthus amarus* on gentamicin and acetaminophen-induced nephrotoxic rats. *Journal of Ethnopharmacology*, 118(2), 318-323.

Adeneye, A.A., Olagunju, J.A., Benebo, A.S., Elias, S.O., Adisa, A.O., Idowu, B.O., et al. (2011). Nephroprotective effects of the aqueous root extract of *Harungana madagascariensis* (L.) In acute and repeated dose acetaminophen renal injured rats". *International Journal of Applied Research in Natural Products*, 1(1), 6-14.

Adikay, S., Koganti, B., Prasad, K.V. (2009). Effect of alcoholic extract of roots of *Dichrostachys cinerea* Wight & Arn. against cisplatin-induced nephrotoxicity in rats. *Indian Journal of Natural Products and Resources*, 8 (1), 12-18.

Adnan, M., Hussain, J., Shah, M.T., Shinwari, Z.K., Ullah, F., Bahader, A., Khan, N., Khan, A.L., Watanabe, T. (2010). Proximate and nutrient composition of medicinal plants of humid and sub-humid regions in North-west Pakistan. *Journal of Medicinal Plants Research*, 4(4), 339-45.

Ahmad, Q.Z., Jahan, N., Ahmad, G.T. (2012). Nephroprotective effect of Kabab chini (*Piper cubeba*) in gentamycin-induced nephrotoxicity. *Saudi Journal of Kidney Diseases and Transplantation*, 23(4), 773-7781.

Akerele, O. (1993). Summary of WHO guidelines for the assessment of herbal medicine. *Herbalgram*, 28, 13-19.

Akinmoladun, A.C., Ibukun, E.O., Afor, E., Akinsinlola, B.L., Onibon, T.R., Akinboboye A.O., et al. (2007). Chemical constituents and antioxidant activity of *Alstonia boonei*. *African Journal of Biotechnology*, 6(10), 1197-1201.

Aladag, H., Ercisli, S., Yesil, D.Z., Gormez, A., Yesil, M. (2009). Antifungal activity of green tea leaves (*Camellia sinensis* L.) sampled in different harvest time. *Pharmacognosy Magazine*, 5, 437-440.

Ali, A., Quocan, N., and Charles, L.E. (2009). Mediators of Inflammation in Acute Kidney Injury. *Mediators of Inflammation*, 2009, 1-12.

- Ali, B.H. (2002). The effect of treatment with the medicinal plant *Rhazya stricta* decne on gentamicin nephrotoxicity in rats. *Phytomedicine*, 9(5), 385-389.
- Ali, B.H., (2004). The effect of *Nigella sativa* oil on gentamicin nephrotoxicity in rats. *American Journal of Chinese Medicine*, 32(1), 49-55.
- Amessis-Ouchemoukha N., Abu-Reidahb, I.M., Quirantes-Pine, R., Madani, K., & Segura-Carretero, A. (2014). Phytochemical profiling, *in vitro* evaluation of total phenolic contents and antioxidant properties of *Marrubium vulgare* (horehound) leaves of plants growing in Algeria. *Industrial Crops and Products*, 61, 120–129.
- Amir, A., Azari, M.D., and Neal, P., & Barney, M.D. (2013). Conjunctivitis: A Systematic Review of Diagnosis and Treatment. *Journal of the American Medical Association*, 310(16), 1721-1729.
- Anbu, J., Nithya, S., Kannadhasan, R., et al., (2012). Antioxidant and protective effect of aqueous extract of *Ichnocarpus frutescens* and *Cyperus rotundus* against cisplatin induced testicular toxicity in rodents. *International Journal of Pharmacy and Pharmaceutical Sciences*, 4(1), 437-441.
- Annie, S., Rajagopal, P.L., & Malini, S. (2005). Effect of *Cassia auriculata* Linn. Root extract on cisplatin and gentamicin-induced renal injury. *Phytomedicine*, 12(8), 555-560.
- Anonymous (2002). Quality Control Methods for Medicinal Plant Materials (An Authorized Publication of World Health Organization, Geneva). Delhi: A.I.T.B.S. Publishers& Distributors (Regd).
- Anusuya, N.P., Durgadevi, A., & Dhinek, S. (2013). Nephroprotective effect of ethanolic extract of garlic (*Allium Sativum* L.) on cisplatin induced nephrotoxicity in male wistar rats. *Asian Journal of Pharmaceutical and Clinical Research*, 6, 97-100.
- Anwar, M., Ahmad, M., Aslam, M., & Aftab, K. (1996) *Enicostema littorale*: a new source of swertiamarin. *Pakistan Journal of Pharmaceutical Sciences*, 9, 29-35.
- Appaji, M.A., & Mala, M. (2014). Qualitative phytochemical screening and *in vitro* anthelmintic activity of *Exacum bicolor* Roxb., an endemic medicinal plant from Western Ghats in India, *Acta Biologica Indica*, 3(1), 510-514.
- Appaji, M.A., Hanumanthaiah, R., Shirugumbi, H.M., & Mala. M. (2015). An efficient multiple shoot induction and genetic fidelity assessment of *Exacum bicolor* Roxb. an endemic and endangered medicinal plant. *In Vitro Cellular & Developmental Biology - Plant*, 51, 659-668.
- Arany, I., Safirstein, R.L. (2003). Cisplatin nephrotoxicity. *Seminars in Nephrology*, 23, 460-464.
- Armann, B., Hanson, M.S., Hatch, E., Steffen, A., & Fernandez, L.A. (2007). Quantification of basal and stimulated ROS levels as predictors of islet potency and function. *American Journal of Transplantation*, 7(1), 38-47.
- Awdishu, L., & Mehta, R.L. (2017). The 6R's of drug induced nephrotoxicity. *BMC nephrology*, 18(1): 124.

- Azu, O.O., Francis, I.O.D., Abraham, A.O., Crescie, C.N., Stephen, O.E., & Abayomi, O.O. (2010). Oxidant injury in sprague dawley rats by protective agent, kigelia africana fruit extract, against cisplatin induced kidney Asian *Journal of Pharmaceutical and Clinical Research*, 3(2), 84-88.
- Badary, O.A., Abdel, M.S., Ahmed, W.A., *et al.* (2005). Naringenin attenuates cisplatin nephrotoxicity in rats. *Life Sciences*, 76, 2125-3215.
- Bafeel, S.O., Arif, I.A., Bakir, M.A., Homaidan, A.A., Farhan, A.A.H., & Khan, H.A. (2012). DNA barcoding of arid wild plants using rbcL gene sequences. *Genetics and Molecular Research*, 11(3), 1934-1941.
- Belair, D.G. (2010). *Exaculum pusillum*, The IUCN Red List of Threatened Species. (<http://dx.doi.org/10.2305/IUCN.UK.2010-2.RLTS.T164355A5838472.en>).
- Bhandari, D.K., Nath, G., Ray, A.B., & Tewari, P.V. (2000). Antimicrobial activity of crude extracts from Berberis Asiatica stem bark. *Pharmaceutical Biology*, 38(4), 254-257.
- Bhattacharjee, S. K. (2004). Handbook of medicinal plants, 4, 1, 2.
- Bhattacharya, S.K., Reddy, P.K.S.P., Ghosal, S., Singh, A.K., Sharma, P.V. (1976). Chemical constituents of gentianaceae XIX: CNS-depressant effects of swertiamarin. *Journal of Pharmaceutical Sciences*, 65, 1547-1549
- Bhusan, S.H., Ranjan, S.S., Subhangankar, N., Rakesh, S., Amrita, B. (2012). Nephroprotective activity of ethanolic extract of Elephantopus scaber leaves on albino rats, *International Research Journal of Pharmacy*, 3(5), 246-250.
- Biju, J., Sulaiman, C.T., Satheesh, G., & Reddy, V.R.K. (2014). Spectrophotometric estimation of total alkaloids in selected justicia species. *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(5), 645-648.
- Blois, M.S. (1958). Antioxidant Determinations by the Use of a Stable Free Radical. *Nature*, 26, 1199-1200.
- Bompart, G. (1989). Cisplatin-induced changes in cytochrome P-450. Lipid peroxidation and drug-metabolising enzyme activities in rat kidney cortex. *Toxicology Letters*, 48, 193-199.
- Brain, K.R., Turner, T.D. (1975). The Practical Evaluation of Phytopharmaceuticals. Bristol, Wright-Scientechica, 36-45.
- Burgess, K.S., Fazekas, A.J., Kesanakurti, P.R., Graham, S.W., Brian, C.H. & Steven, G.N., (2011). Discriminating plant species in a local temperate flora using the rbcL+ matK DNA barcode. *Methods in Ecology and Evolution*, 2(4), 333-340.
- Bursell, S.E., Clermont, A.C., Aiello, L.P., Aiello, L.M., Schlossman, D.K., Feener, E.P., Laffel, L., & King, G.L. (1999). High-dose vitamin E supplementation normalizes retinal blood flow and creatinine clearance in patients with type-1 diabetes. *Diabetes Care*, 22(8), 1245-1251.
- Casares, C., Ramirez, C.R., Trinidad, A., Roldan, A., Jorge, E., Garcia, B.J.R., (2012). Reactive oxygen species in apoptosis induced by cisplatin: review of physiopathological

mechanisms in animal models. *European Archives of Oto-Rhino-Laryngology*, 269, 2455-2459.

CBOL Plant Working Group (2009). A DNA barcode for land plants. *Proceedings of the National Academy of Sciences, USA*, 106, 12794-12797.

Chase, C.R., & Pratt, R. (1949). Fluorescence of powdered vegetable drugs with particular reference to development of a system of identification. *Journal of the American Pharmacists Association*, 38, 324-331.

Chatterjee, P., Mukherjee, A., Nandy, S. (2012). Protective effects of the aqueous leaf extract of *Aloe barbadensis* on gentamicin and cisplatin-induced nephrotoxic rats. *Asian Pacific Journal of Tropical Biomedicine*, 2(3), S1754-S1763.

Chaware, V.J. (2012). Protective Effect of the Aqueous Extract of *Phaseolus radiates* Seeds on Gentamicin Induced Nephrotoxicity in Rats. *International Journal of Research in Pharmaceutical and Biomedical Sciences*, 3(1), 73-75.

Chiang, H.M., Chen, H.C., Wu, C.S., Wu, P.Y., & Wen, K.C. (2015). *Rhodiola* plants: Chemistry and biological activity. *Journal of Food and Drug Analysis*, 23, 359-369.

Chirino, Y.I., Trujillo, J., Sanchez, G.D.J., Martínez, M.C.M., Cruz, C., Bobadilla, N.A., Pedraza, C.J. (2008). Selective iNOS inhibition reduces renal damage induced by cisplatin. *Toxicology Letters*, 176(1), 48-57.

Chirinoa, Y. I., & Pedraza-Chaverri, J. (2009). Role of oxidative and nitrosative stress in cisplatin-induced nephrotoxicity. *Experimental and Toxicologic Pathology*, 61, 223-242.

Chirinoa, Y.I., Pedraza, C.J. (2009). Role of oxidative and nitrosative stress in cisplatin-induced nephrotoxicity. *Experimental and Toxicologic Pathology*, 61, 223-242.

Chopra, R.N., Nayar, S.L., Chopra, I.C., Asolkar, L.V., & Kakkar, K.K. (1956). *Glossary of Indian medicinal plants*. New Delhi: Council of Scientific & Industrial Research, 116.

Chopra, R.N., Nayar, S.L., and Chopra, I.C. (1956). *Glossary of Indian Medicinal plants: Council of Scientific and Industrial Research*, New Delhi, 116.

Conklin, K.A. (2000). Dietary antioxidants during cancer chemotherapy: impact on chemotherapeutic effectiveness and development of side effects. *Nutrition and Cancer*, 37, 1-18.

Craig, W.J. (1999). Health-promoting properties of common herbs. *American Journal of Clinical Nutrition*, 70, 491s-499s.

Crespy, V., Morand, C., Besson, C., Manach, C., Demigne, C., & Remesy, C. (2002). Quercetin, but not its glycosides, is absorbed from the rat stomach. *Journal of Agricultural and Food Chemistry*, 50, 618-621.

Dahiru, D., Amos, D., & Sambo, S.H. (2013). Effect of ethanol extract of *Calotropis procera* root bark on carbon tetrachloride-induced hepatonephrotoxicity in female rats. *Jordan Journal of Biological Sciences*, 6(3), 227-230.

- Daniel, M., Sabnis, S.D., (1978). Chemical systematics of family Gentianaceae. *Current Science*, 47, 109.
- Das, J., Ghosh, J., Manna, P., & Sil, P.C. (2012). Taurine protects rat testes against doxorubicin induced oxidative stress as well as p53, Fas and caspase12-mediated apoptosis, *AminoAcids*, 42, 1839-1855.
- Davis, C.A., Nick, H.S., Agarwal, A. (2001). Manganese superoxide dismutase attenuates Cisplatin-induced renal injury: importance of superoxide. *Journal of the American Society of Nephrology*, 12, 2683-2690
- Delaude, C., (1984). Gentianine alkaloid exacum from farao chalcophila P. Taylor (Gentianaceae). *Bulletin of the Royal Society of Sciences of Liege*, 53.
- Devi, K.P., Natarajan, S., Periyannaina, K., & Shanmugaiathevar, K.P. (2008). Bioprotective properties of seaweeds: In vitro evaluation of antioxidant activity and antimicrobial activity against food borne bacteria in relation to polyphenolic content. *BMC Complementary and Alternative Medicine*, 8, 38.
- Dharaniyambigai, K., Doss, V.A. (2013). Swertiamarin A novel lead to antidepressants. *Ancient Science of Life*, 32(2), S75.
- Dingman, S.L., (2002). Water in soils: infiltration and redistribution. Physical hydrology, second edition, upper saddle river, New Jersey: Prentice-Hall, Inc.
- Divakar, K., Pawar, A.T., Chandrasekhar, S.B., Dighe, S.B., Divakar, G. (2010). Protective effect of the hydro-alcoholic extract of *Rubia cordifolia* roots against ethylene glycol induced urolithiasis in rats. *Food and Chemical Toxicology*, 48(4), 1013-1018.
- Dixit, V.K., & Yadav, N.P. (2008). Recent approaches in herbal drug standardization. *Integrative Biology*, 2, 195-203.
- Doumas, B.T., Waston, W.A., Biggs, A.G. (1971). Biuret method for quantitative estimation of total protein in serum or plasma. *Clinica Chimica Acta*, 31, 87-91.
- Durak, I., Ozbek, H., Karaayvaz, M., et al. (2002). Cisplatin induces acute renal failure by impairing antioxidant system in guinea pigs: effects of antioxidant supplementation on the cisplatin nephrotoxicity. *Drug and Chemical Toxicology*, 25, 1-8.
- Efferth, T., & Kaina, B., (2011). Toxicities by herbal medicines with emphasis to traditional Chinese medicine. *Current drug metabolism*, 12(10), 989-996.
- Elangovan, A., Dhanasekaran, S., Anandan, A., Krishnappa, K., Gokulakrishnan, J., et al., (2012) Larvicidal and Ovicidal activities of *Exacum Pedunculatum* (Linn.) (gentianaceae) against a common malarial vector, *Anopheles stephensi* liston (diptera culicidae), *International Journal of Recent Scientific Research*, 3(6), 559 - 563.
- Evans, W.C. (2002). Trease and Evans Pharmacognosy, 15th ed. Edinburgh: W B Saunders.
- Ewa SP, Joanna S and Jacek Pietras, The influence of L-phenylalanine, methyl jasmonate and sucrose concentration on the accumulation of phenolic acids in *Exacum affine* Balf. f. ex Regel shoot culture, *Acta biochimica polonica*, 2014, 61, 47-53.

- Fawcett, J.K., & Scott, J.E. (1960). A rapid and precise method for the determination of Urea. *Journal of Clinical Pathology*, 13, 156-159.
- Ferguson, M.A., Vaidya, V.S. & Bonventre, J.V. (2008). Biomarkers of nephrotoxic acute kidney injury. *Toxicology*, 245, 182-193.
- Finn, W., & Porter, G. (2003). Urinary biomarkers and nephrotoxicity. *Clinical Nephrotoxins* 2nd ed, Kluwer Academic Publishers, Massachusetts, 621-655.
- Fleury, C., Mignotte, B., & Vayssiere, J.L. (2002). Mitochondrial reactive oxygen species in cell death signalling. *Biochimie*, 84, 131-141.
- Fridovich, I. (1998). Oxygen toxicity: a radical explanation. *The Journal of Experimental Biology*. 201, 1203-1209.
- Gabor, M. (1979). Anti-inflammatory substances of plant origin. In: *Anti-inflammatory drugs* Springer Berlin Heidelberg, 698-739.
- Gadgil, M. (1996). Documenting diversity An experiment. *Current Science*. 70, 36-44.
- Galley, H., F. (2000). Can acute renal failure be prevented? *J. R. Coll. Surg. Edinb.* 45, 44-50.
- Gamble, J.S. (1923). *The Flora of Presidency of Madras*. Adlard and Son Ltd. London, 2, 612-615.
- Gamble, J.S. (1967). *Flora of the Presidency of Madras: Botanical survey of India*, Calcutta, 612-615.
- Ganguli, A. (2016). Uddanam Nephropathy/Regional Nephropathy in India: Preliminary Findings and a Plea for Further Research. *American Journal of Kidney Diseases*, 68(3), 344-348
- Ganie, S.H., Upadhyay, P., Das, S., & Sharma, M.P. (2015). Authentication of medicinal plants by DNA markers, 4, 83-99.
- Garber, C.C. (1981). Jendrassik–Gr of analysis for total and direct bilirubin in serum with a centrifugal analyzer. *Clinical Chemistry*, 27, 1410-16.
- Gately, D.P., & Howell, S.B. (1993). Cellular accumulation of the anticancer agent cisplatin: a review. *British Journal of Cancer*, 67, 1171-1176.
- George, W. (1952). *The wealth of India: A dictionary of Indian raw materials and industrial product, raw material series*. Publications and informations Directorate, CSIR, New delhi.
- Gihyun, L., Jun, H., Kyoung, K., Hyojung, L., Hyunseong, K., Hyeonhoon, L., et al. (2012). Cisplatin induced nephrotoxicity is inhibited by Taxilli Ramulus. *Molecular & Cellular Toxicology*, 8, 311-315.
- Gomez, M.R., Cerutti, S., Sombra, L.L., Silva, M.F. & Martinez, L.D. (2007). Determination of heavy metals for the quality control in Argentinean herbal medicines by ETAAS and ICP-OES. *Food and Chemical Toxicology*, 45, 1060-1064.

- Gowda, S., & Swami, V.B.M. (2011). Protective effect of stem bark of *Ficus racemosa* against Cisplatin induced nephrotoxicity in mice. *International Journal of Research in Pharmacy and Chemistry*, 1, 3.
- Gowrisri, M., Kotagiri, S., Vrushabendra, S.B.M., Archana, S.P., Vishwanath, K.M. (2012) Anti-oxidant and nephroprotective activities of *Cassia occidentalis* leaf extract against gentamicin induced nephrotoxicity in rats. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 3(3), 684-694.
- Grubestic, R.J., Vukovic, J., Kremer, D., & Vladimir, K.S. (2005). Spectrophotometric method for polyphenols analysis prevalidation and application on *Plantago L. Species*. *Journal of Pharmaceutical and Biomedical Analysis*, 39, 837-842.
- Gui, L.X., Hong, L., Jian, H., Feng, E.F., Pan, P.S., Liu, Y., et al. (2013). Comparative pharmacokinetics of swertiamarin in rats after oral administration of swertiamarin alone, QingYeDan tablets and co-administration of swertiamarin and oleanolic acid. *Journal of Ethnopharmacology*, 149, 49-54
- Gunatilaka, A.A.L., Sultanbawa, M.U., Wimalasena, K., et al. (1983). Linarin a Flavone Glycoside from *Exacum macranthum*, *Planta Medica*, 48(5), 61-62.
- Halliwell, B. (1999). Antioxidant defence mechanisms: from the beginning to the end (of the beginning). *Free Radical Research*. 31, 261-272.
- Halliwell, B., Gutteridge, J.M., Aruoma, O.I. (1987). The deoxyribose method: a simple test-tube assay for determination of rate constants for reactions of hydroxyl radicals. *Analytical Biochemistry*, 165, 215-219.
- Hanigan, M.H., Devarajan, P. (2003). Cisplatin nephrotoxicity: molecular mechanisms. *Cancer therapy*, 1, 47.
- Hanigen, M.H., Devarajan, P. (2003). Cisplatin nephrotoxicity molecular mechanisms. *Cancer Therapeutics*, 1, 47-61.
- Haq, I. (2004). Safety of medicinal plants. *Pakistan Journal of Medical Research*, 43(4), 203-10
- Harbone, J.B., (1984). *Phytochemical Methods*. 3rd ed, London, Chapman Hall.
- Harding, S.P., Mallinson, H., Smith, J.L., Clearkin, L.G. (1987). Adult follicular conjunctivitis and neonatal ophthalmia in a Liverpool eye hospital, 1980-1984. *Eye (Lond)*, 1(4), 512-521.
- Harlalka, G.V., Chandragauda, R.P., Mahesh, R.P. (2007). Protective effect of *Kalanchoe pinnata* pers. (Crassulaceae) on gentamicin-induced nephrotoxicity in rats. *Indian journal of pharmacology*, 39(4), 201-205.
- Harlalka, G.V., Patil, C.R., Patil, M.R. (2007). Protective effect of *Kalanchoe pinnata* pers. (Crassulaceae) on gentamicin induced nephrotoxicity in rats. *Indian Journal of Pharmacology*, 39 (4), 201-205.

- Hassan, M.M., Oyewale, A.O., Amupitan, J.O., Abdullahi, M.S., & Okonkwo, E.M. (2004). Preliminary phytochemical and antibacterial investigation of crude extracts of the root bark of *Detarium microcarpum*. *Journal of Chemical Society of Nigeri*, 29, 26-29.
- Hausberg, M., & Schaefer, R.M. (2006) Management of acute renal failure in intensive care patients. *Med Klin (Munich)*, 1, 90-4.
- Hegnauer, R., (1966). *Chemotaxonomie der Pjanzen* (Birkuuser Basel).
- Henry, A.N., Kumari, G.R., & Chandra, V. (1987). Flora of Tamilnadu, India: Botanical survey of India, southern circle, Coimbatore, 2, 93-94.
- Hill, J.M., & Speer, R.J. 1982. Organo-platinum complexes as antitumor agents (review). *Anticancer Research*, 2, 173-186.
- Hoffman, P.C., Combs, D.K., Casler, M.D. (1998). Performance of lactating dairy cows fed alfalfa silage or perennial ryegrass silage. *Journal of Dairy Science*, 81, 162-168.
- Hooker, J.D., (1885). The Flora of British India, L. Reeve & Co., London, 4.
- Horven, I., (1993). Acute conjunctivitis: a comparison of fusidic acid viscous eye drops and chloramphenicol. *Acta Ophthalmologica*, 71(2), 165-168.
- Horwitz, W., (2003). Official methods of analysis of AOAC international. 17th edition: USA: Association of Official Analytical Communities.
- Hosseinian, S., Khajavi, A.R., Hadjzadeh, M.A.R., Roshan, N.M., Havakhah, S., & Shafiee, S. (2016). The protective effect of *Nigella sativa* against cisplatin-induced nephrotoxicity in rats. *Avicenna journal of phytomedicine*, 6(1), 44-54.
- Hoste, E.A., Bagshaw, S.M., Bellomo, R., Cely, C.M., Colman, R., Cruz, D.N., *et al.* (2015). Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study. *Intensive Care Medicine*, 41(8), 1411-1423.
- Hostettmann, K.M., Hostettmann, K., Sticher, O. (1981). Xanthones, flavones and secoiridoids of American *Gentiana* species. *Phytochemistry*, 20(3), 443-446.
- Huang, A., Vita, J.A., Venema, R.C., Keaney, J.F. (2000). Ascorbic acid enhances endothelial nitric-oxide synthase activity by increasing intracellular tetrahydrobiopterin. *Journal of Biological Chemistry*, 275(23), 17399-17406.
- Hussain, T., Ramesh, K.G., Sweety, K., Eswaran, B., Vijayakumar, M., Rao, C.V. (2012). Nephroprotective activity of *Solanum xanthocarpum* fruit extract against gentamicin-induced nephrotoxicity and renal dysfunction in experimental rodents. *Asian Pacific Journal of Tropical Medicine*, 686-691.
- Hynniewta, S.R., & Kumar, Y. (2008). Herbal medicine among the Khasis traditional healers and village folks in Meghalaya. *Indian Journal of Traditional Knowledge*, 7, 581-586.
- Inouye, H., Nakamura, Y. (1971). Monoterpene glycosides and related natural products. XVI. Occurance of secoiridoid glucoside in Gentianeae plants especially in the genera *Gentiana* and *Swertia*. *Yakugaku Zasshi*, 91, 755-759.

- Inouye, H., Nakamura, Y. (1971). Monoterpene glycosides and related natural products. XVI. Occurrence of secoiridoid glucoside in Gentianeaceae plants especially in the genera *Gentiana* and *Swertia*. *Yakugaku Zasshi*, 91,755-759.
- Jaishree, V., & Badami, S. (2009). Antiedematogenic and free radical scavenging activity of swertiamerin isolated from *Enicostemma littorale*. *Planta Medica*,75, 12-17.
- Jaishree, V., & Badami, S., (2010). Antioxidant and hepatoprotective effect of swertiamerin from *Enicostemma littorale* against D-galactosamine induced active liver damage in rats. *Journal of Ethnopharmacology*, 103-106.
- Jaishree, V., Badami, S., & Bhojraj, S (2008). In-vitro antioxidant activity of *Enicostemma axillare*. *Journal of Health Science*, 54,524-528.
- Jaishree, V., Badami, S., Kumar, M.R., & Tamizhmani, T. (2009). Antinociceptive activity of swertiamarin isolated from *Enicostemma axillare*. *Phytomedicine*, 16(2), 227-232.
- Jaishree, V., Badami, S., Kumar, R.M. & Tamizhmani, T. (2009). Antinociceptive activity of swertiamarin isolated from *Enicostemma littorale*. *Phytomedicine*,16, 227-232.
- Jayaprakasha, G.K., Jaganmohan, R.L., Sakariah, K.K. (2004). Antioxidant activities of flavidin in different in vitro model systems. *Bioorganic & Medicinal Chemistry*, 12: 5141-5146.
- Jeeshna, M.V., Paulsamy, S. (2011). Phytochemistry and Bioinformatics approach for the evaluation of medicinal properties of the herb *Exacum bicolor* Roxb. *International Research Journal of Pharmacy*, 2(8), 163-168.
- Jelena, K., Vladimir, M., Sanja, M., Vesna, S., Nevena, S., Tatjana, B., Milan, M., Snezana S., Samo, K., & Mirjana, M. (2015) The ameliorating effect of *Filipendula hexapetala* extracts on hepatorenal toxicity of cisplatin. *Journal of Functional Foods*, 18, 198-212.
- Jennings, W., & Shibamoto, T. (1980). Qualitative analysis of flavour and fragrance volatile by glass capillary gas chromatography. Academic press, Inc., New York.
- Johansen, D.A., (1940). Plant Microtechnique. New York: McGraw Hill Company London.
- John, J.K., Nizar, A.M., & Velayudhan, K.C. (2001). *Exacum bicolor* a beautiful wild flower herb. *Indian Horticulture*, 46(3), 25.
- Ju, S.M., Pae, H.O., Kim, W.S., Kang, D.G., Lee, H.S., & Jeon, B.H. (2014). Role of reactive oxygen species in p53 activation during cisplatin-induced apoptosis of rat mesangial cells. *European review for medical and pharmacological sciences*, 18(8), 1135-1141.
- K Dizaye, Salah Abubaker & Afrah Hameed Sultan. Alleviation of cisplatin-induced nephrotoxicity in albino rats by aqueous extract of *Salvia officinalis*. Proceedings of the CB Medical Treatment Symposium, Spiez Laboratory, Switzerland, 2010.
- Kadhim, E.J., (2014). Phytochemical investigation and hepato-protective studies of Iraqi *Bryonia dioica* (Family Cucurbitaceae). *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(4), 187-190.

- Kadikoylu, G., Bolaman, Z., Demir, S., *et al.* (2004). The effects of desferrioxamine on cisplatin-induced lipid peroxidation and the activities of antioxidant enzymes in rat kidneys. *Human & Experimental Toxicology*, 23, 29-34.
- Kadir, F.A., Kassim, N.M., Abdulla, M.A., & Yehye, W.A. (2013). Effect of oral administration of ethanolic extract of *Vitex negundo* on thioacetamide-induced nephrotoxicity in rats. *BMC complementary and alternative medicine*, 13(1), 294.
- Kajaria, D.K., Gangwar, M., Kumar, D., Sharma, A.K., Tilak, R., Nath, G., *et al.* (2012). Evaluation of antimicrobial activity and bronchodilator effect of a polyherbal drug-Shrishadi. *Asian Pacific Journal of Tropical Biomedicine*, 2(11), 905-909.
- Kakkar, P., Das, B. & Viswanathan, P.N. (1984). A modified spectrophotometric assay of superoxide dismutase. *Indian Journal of Biochemistry and Biophysics*, 21, 130.
- Kala, C.P., (2005). Ethnomedicinal botany of the Apatani in the Eastern Himalayas region of India. *Journal of Ethnobiology and Ethnomedicine*, 1, 11.
- Kalia, A.N. (2005). Text book of Industrial pharmacognosy, First edition, 3-4.
- Kapu, S.D., Nagwai, Y.B., Kayode, O., Akan, P.A., Wambehe, C., & Gamaniel, K. (2001). Anti-inflammatory, analgesic and anti-lymphocytic activities of the aqueous extract of *Crinum giganteum*. *Journal of Ethnopharmacology*, 78, 7-13.
- Kariyone, T., Takahashi, M., and Takaishi, K. (1956). *Yakugaku Zasshi*, 76, 917-921.
- Kasibhatla, S., Amarante, G.P., Finucane, D., Brunner, T., Bossy, W.E., & Green, D.R. 2006. Analysis of DNA fragmentation using agarose gel electrophoresis. *CSH Protocols*, 2006(1).
- Kawai, Y., Nakao, T., Kunimura, N., *et al.* (2006). Relationship of intracellular calcium and oxygen radicals to Cisplatin-related renal cell injury. *Journal of pharmacological sciences*, 100, 65-72.
- Kazemipoor, M., Radzi, C.W., Cordell, G.A., & Yaze, I. (2012). Safety, efficacy and metabolism of traditional medicinal plants in the management of obesity: a review. *International Journal of Chemical Engineering and Applications*, 3(4), 288-92.
- Kelland, L., (2007). The resurgence of platinum-based cancer chemotherapy. *Nature Reviews*, 7(8), 573-584.
- Kettner, C., Kosch, H., Lang, M., Lachner, J., Oborny, D., & Teppan, E., (2005). *Creating a medicinal plant database*. na.
- Khandelwal, K.R. (2007). Practical Pharmacognosy, Techniques and Experiments. 17th ed: Nirali Prakashan Pune, India.
- Kind, P.R.N., King, D. (1972). In vitro determination of serum alkaline phosphatase. *Journal of Clinical Pathology*, 7, 322.
- Kiran, U., Khan, S., Mirza, K.J., Ram, M., & Abdin, M.Z. (2010). SCAR markers: A potential tool for authentication of herbal drugs. *Fitoterapia*, 81, 969-976.

- Kirtikar, K.R. & Basu, B.D. (1975). Indian medicinal plants. International book distributors, Dehradun.
- Kirtikar, K.R., & Basu, B.D. (1935). Indian Medicinal Plants. Bishen Singh Mahendra Pal Singh, Allahabad, 3(2), 1654-1655.
- Klackenberg, J. (1985). The genus *Exacum* (Gentianaceae). *Opera Botanica*, 84, 1-144.
- Klackenberg, J. (1990). Famille 168 Gentianacées Flore de Madagascar et des Comores: National Museum of Natural History, Paris Laboratory phanerogamie.
- Klackenberg, J. (2002). Tribe *Exaceae*. In: Struwe L and Albert VA (eds.), *Gentianaceae - Systematics and Natural History*: Cambridge University Press Cambridge.
- Kohli, H.S., Bhaskaran, M. C., Muthukumar, T., Thennarasu, K., Sud, K., Jha, V., Gupta, K. L. & Sakhuja. V. (2000). Treatment-related acute renal failure in the elderly: a hospital-based prospective study. *Nephrology Dialysis Transplantation*, 15, 212-217.
- Kokoski, J., Kokoski, R. & Slama, F.J. (1958). Fluorescence of powdered vegetable drugs under ultraviolet radiation. *Journal of pharmaceutical sciences*, 47, 715.
- Kore, K.J., Shete, R.V., Jadhav, P.J. (2011). RP-HPLC method of simultaneous nephroprotective role of marmelos extract. *International journal of research in pharmacy and chemistry*, 1(3), 617-623.
- Kotnis, M. S., Patel, P., Menon, S.N., Sane, R.T. (2004). Renoprotective effect of *Hemidesmus indicus*, an herbal drug used in Gentamicin induced renal toxicity. *Nephrology (Carlton)*, 9(3), 142-52.
- Koutsaviti, A., Milenkovic, M., Tzakou, O. (2011). Antimicrobial activity of the essential oil of Greek endemic *Stachys spruneri* and its main component, isoabienol. *Natural Product Communications*, 6, 277-280.
- Kroning, R., Lichtenstein, A.K., Nagami, G.T. (2000). Sulfur-containing amino acids decrease cisplatin cytotoxicity and uptake in renal tubule epithelial cell lines. *Cancer Chemotherapy and Pharmacology*, 45, 43-9.
- Kuhlmann, M.K., Burkhardt, G., Kohler, H. (1997). Insights into potential cellular mechanisms of cisplatin nephrotoxicity and their clinical application. *Nephrology Dialysis Transplantation*, 12, 2478-2480.
- Kuhlmann, M.K.G., Burkhardt., and Kohler, H. (1997). Insights into potential cellular mechanisms of cisplatin nephrotoxicity and their clinical application. *Nephrology Dialysis Transplantation*, 12, 2478-2480
- Kumar, A., Suchetha K.N., Prima, D., & Divya, B. (2013). Evaluation of Renal Protective Activity of *Adhatoda Zeylanica* (Medic) Leaves Extract in Wistar Rats. *Nitte University Journal of Health Science*, 3(4), 45-56.
- Kumar, A.R., Sivasudha, T., Jeyadevi, R., Sangeetha, B., Bell, G.S.A., & Maheshwari, M. (2013). Profiling of phenolic compounds using UPLC-Q-TOF-MS/MS and nephroprotective

- activity of Indian green leafy vegetable *Merremia emarginata*. *Food Research International*, 50, 94-101.
- Kumar, M., Prasad, S.K., Laloo, D., Joshi, A., & Hemalatha, S. (2014). Pharmacognostical and phytochemical standardization *Houttuynia cordata* Thunb.: A potent medicinal herb of North–Eastern India and China. *Pharmacognosy Journal*, 6, 34-42.
- Kumar, P., Rao, G.D., Lakshmayya, & Setty, S.R. (2011). Nephroprotective and Nitric oxide Scavenging Activity of Tubers of *Momordica tuberosa* in Rats. *Avicenna Journal of Medical Biotechnology*, 3(2), 87-93.
- Kumaran, A., & Karunakaran, J. (2006). In vitro antioxidant activities of methanol extracts of five *Phyllanthus* species from India. *LWT - Food Science and Technology*, 40, 344-352.
- Kumarsamy, Y., Nahar, L., Cox, P.J., Jaspars, M., & Sarker, S.D. (2003). Bioactivity of secoiridoid glycosides from *Centaureum erythraea*. *Phytomedicine*, 344-347.
- Kunle, O.F., Egharevba, H.O., & Ahmadu, P.O. (2012). Standardization of herbal medicines– A review. *International Journal of Biodiversity and Conservation*. 4, 101-112.
- Lakshmana, G., kumar, R.D., Reddy A., Kumar, A.M., Kumar, K.M., Divya, V., & Kumar, S.R. B. (2013). Determination of Nephroprotective Activity of Ethanolic Leaf Extract of *Moringa pterygosperma* on Paracetamol induced Nephrotoxic Rats. *International Journal of Allied Medical Sciences and Clinical Research*, 1(2), 51-61.
- Laloo, D., Kumar, M., Prasad, S.K., & Hemalatha, S. (2013). Quality control standardization of the roots of *Potentilla fulgens* Wall.: A potent medicinal plant of the Western Himalayas and North-eastern India. *Pharmacognosy Journal*, 5, 97-103.
- Larsen, K., (1972). Creatinine assay by a reaction-kinetic principle. *Clinica Chimica Acta*. 41, 209-217.
- Lei, W.Y. (1982). Swertiamarin's central inhibitory effect. *Journal of Chinese Materia Medica*, 13, 368.
- Leibowitz, H.M., (2000). The red eye. *New England Journal of Medicine*, 343(5), 345-351.
- Li, W., Wei, Z.S., Shim, H., & Young, H.K. (2015). Chemical constituents of the rhizomes and roots of *Gentiana scabra* (Gentianaceae). *Biochemical Systematics and Ecology*. 61, 169-174.
- Linnaeus, C., (1747a). *Dissertatio Dassow. C.M. Nova Plantarum Genera*, Stockholm, Sweden.
- Linnaeus, C., (1747b). *Flora Zeylanica. Sumtu et Literis Laurentii Salvii*, Holmiae.
- Lippard, S.J. (1993). Structural and biological consequences of platinum anticancer drug binding to DNA. In: Robert Welch Found Conf 40 Years of DNA Double Helix, Houston, 49-60.

- Lobina, C., Carai, M.A., Loi, B., Gessa, G.L., Riva, A., Cabri, W., Petrangolini, G., Morazzoni, P., & Colombo, G. (2014). Protective effect of *Panax ginseng* in cisplatin-induced cachexia in rats. *Future Oncology*, 10(7), 1203-1214.
- Longo, V., Gervasi, P. G., & Lubrano, V. (2011). Cisplatin induced toxicity in rat tissues: The protective effect of Lisosan G. *Food and Chemical Toxicology*, 49, 233–237.
- Lozano, R., Naghavi, M., Foreman, K., *et al.* (2012). Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study. *Lancet*, 380, 2095-128.
- Lyons, A.S., & Petrucelli, J. (1987). *Medicine an illustrated History*. Harry N abranis Publisher, Abradale Press, New York, 2-7.
- Madinah, N., Nozmo, M., & Ezekiel, I. (2015). The protective effects of aqueous extract of *Carica papaya* seeds in paracetamol induced nephrotoxicity in male wistar rats. *African Health Sciences*, 15(2), 598-604.
- Mahmood, T., & Yang, P.C. (2012). Western blot: technique, theory, and trouble shooting. *North American journal of medical sciences*, 4(9), 429.
- Mandal, S.R., & Jain, S. (1998). Mukhopadhyay. Naturally occurring iridoids with pharmacological activity. *Indian Journal of Pharmaceutical Sciences*, 60, 123-127
- Mathews, C.E., Van, H.K.E., & Ahern, K.G. (1999). *Biochemistry*. 3rd edition, Benjamin Cummings Publishing Co, Redwood City, CA, USA.
- Megoneitso, A., & Rao, R.R., (1983). Ethnobotanical studies in Nagaland- 4 sixty two medicinal plants used by the Angami nagas, *Journal of economic and taxonomic botany*, 4, 167.
- Megyesi, J., Andrade, L., Vieira, J.M., Safirstein, R.L., & Price, P.M. (2002). Coordination of the cell cycle is an important determinant of the syndrome of acute renal failure. *American Journal of Physiology - Renal Physiology*, 283, F810-F816.
- Megyesi, J., Safirstein, R.L., & Price, P.M. (1998). Induction of p21WAF1/CIP1/SDI1 in kidney tubule cells affects the course of cisplatin-induced acute renal failure. *Journal of Clinical Investigation*, 101(4), 777-782.
- Meher, S.K., Mukherjee, P.K, Chaudhury, B.S.K, Marjit, B., & Shaw B.P. (2016). Experimental studies on the Renal Protective effect of Gokshura (*Tribulus terrestris* Linn) and Varuna (*Crataeva nurvala* Buch-Ham). *Research Journal of Pharmacology and Pharmacodynamics*, 8(2), 75-82.
- Mehta, R.L., Pascual, M.T., Soroko, S., Savage. B.R., Himmelfarb, J., Ikizler, T.A., *et al.* (2004). Spectrum of acute renal failure in the intensive care unit: the PICARD experience. *Kidney International*, 66(4), 1613-21.
- Mehul, V., Makwana, N.M., Pandya, D.N., Darji, S.A., & Desai, B.V.H. (2012). Assessment of nephroprotective potential of *Sida cordifolia* Linn. in experimental animals. *Der Pharmacia Lettre*, 4(1), 175-180.

- Merckx, V.S.F.T., Freudenstein, J.V., Kissling, J., Christenhusz, M.J.M., Stotler, R.E., Crandall, S.B., Wickett, N., Rudall, P.J., et al. 2013. *Mycoheterotrophy The Biology of Plants Living on Fungi*: Springer, New York.
- Merouani, A., Shpall, E.J., Jones, R.B., et al. (1996). Renal function in high dose chemotherapy and autologous hematopoietic cell support treatment for breast cancer. *Kidney International*, 50, 1026-1031.
- Meyer, J.J.M., Afolayan, A.J. (1995). Antibacterial activity of *Helichrysum aureonitens* (Asteraceae). *Journal of Ethnopharmacology*, 47, 109-111.
- Miller, A.G., & Morris, M. (2004). *Ethnoflora of the Soqotra Archipelago*: Edinburgh: Royal Botanic Garden, Edinburgh,
- Mishra, S.S., Pani, S.R., & Sahoo, S. (2014). Anti-nephrotoxic activity of some medicinal plants from tribal rich pockets of Odisha. *Pharmacognosy Research*, 6, 210-217.
- Mistry, P., Merazga, Y., Spargo, D.J., Riley, P.A, McBrien, D.C.H. (1991). The effects of cisplatin on the concentration of protein thiol and glutathione in the rat kidney. *Cancer Chemotherapy and Pharmacology*, 28, 501-504.
- Miwako, M., (1994). 2'-Hydroxy-4'-methoxyacetophenone (Paeonol) in *Exacum affine* cv. *Bioscience, Biotechnology, and Biochemistry*, 58(10), 1892-1893.
- Moghaddam, A.H., Nabavi, S.M., Nabavi, S.F., Bigdellou, R.A., Mohammadzadeh, S.A., Ebrahimzadeh, M.A. (2012). Antioxidant, antihemolytic and nephroprotective activity of aqueous extract of *Diospyros lotus* seeds. *Acta Poloniae Pharmaceutica*, 69, 687-692.
- Mosihuzzaman, M., & Iqbal, C.M. (2008). Protocols on safety, efficacy, standardization, and documentation of Herbal Medicine. *Pure and Applied Chemistry*, 80, 2195-2230.
- Mothana, R.A.A., Mentel, R., & Reiss, C. (2006). Phytochemical screening and antiviral activity of some medicinal plants from the Island Soqotra, *Phytotherapy Research*, 20, 298-302.
- Mothana, R.A.A., Mentel, R., Reiss, C., Lindequist, U., (2006). Phytochemical screening and antiviral activity of some medicinal plants from the Island Soqotra, *Phytotherapy Research*, 20, 298-302.
- Movaliyaa, V., Devang, K., & Manjunath, S.M. (2011). Nephroprotective activity of aqueous extract of *Aerva Javanica* roots in cisplatin induced renal toxicity in rats. *Pharmacology online*, 1, 68-74.
- Murugesu, M. (1988). *Siddha Materia Medica* (medicinal plant section). Publisher: Tamilnadu Siddha Medical Council, Chennai.
- Nadkarni, K.M., (1982). *Indian Materia medica*. Bombay Popular Prakashan.
- Nagai, J. & Takano, M. (2010). Molecular-targeted approaches to reduce renal accumulation of nephrotoxic drugs. *Expert Opinion on Drug Metabolism & Toxicology*, 6, 1125-1138.

- Naggar, E.L.J., & Beal, J.L. (1980). Iridoids, A review. *Journal of Natural Products*, 43(6), 649-707
- Naidu, M.U., Shifow, A.A., Kumar, K.V., & Ratnakar, K.S. (2000). Ginkgo biloba ext. ameliorates gentamicin induced nephrotoxicity in rats. *Phytomedicine*, 7(3), 191-197.
- Nasri, H. (2014). World kidney day. Chronic kidney disease and aging: A global health alert. *Iran. J. Public Health*, 43, 126–127.
- National Committee for Clinical Laboratory Standards NCCLS (2000). Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically: approved standards- fifth edition. NCCLS document M7-A5. NCCLS. Wayne, PA, USA.
- Naughton, C.A. (2008). Drug-induced nephrotoxicity. *American Family Physician*, 78, 743-750.
- Noori, S., & Mahboob, T. (2012). Role of electrolytes disturbances and Na⁺-K⁺-atpase in cisplatin-induced renal toxicity and effects of ethanolic extract of Cichoriumintybus. *Pakistan Journal of Pharmaceutical Sciences*, 2012, 25(4), 857-862.
- Nurnadia, A., Azrina, A., Amin, I., Suryati, M.A., & Muhammad, R.R. (2013). Quantitative Determination of Fatty Acids in Marine Fish and Shellfish from Warm Water of Straits of Malacca for Nutraceutical Purposes. *BioMed Research International*, 1-12.
- OECD Guidelines for the testing of chemicals (2008). Repeated Dose 28-Day Oral Toxicity Study in Rodents.
- Ohkawa, H., Ohishi, N., Yagi, K. (1979). Assay for lipid peroxide in animal tissues by thiobarbituric acid reaction. *Analytical Biochemistry*, 95, 351-358.
- Okokon, J.E., Michael, B. 2014. Nephroprotective activity of *Mammea africana* stem bark against paracetamol induced kidney injury. *Journal of Herbal Drug*, 5 (1), 45-54.
- Okwu DE and Emenike IN. Evaluation of phytoconstituents and vitamins content of citrus fruits. *International Journal of Molecular Medicine and Advance Sciences*. 2006;2(1):1-6
- Olson, C.R., & Mello, C.V. (2010). Significance of vitamin A to brain function, behavior and learning. *Molecular Nutrition & Food Research*. 54(4), 489-495.
- Ostrovskii, V.A, Trifonov, R.E., and Popova, E.A. (2012). Medicinal chemistry of tetrazoles. *Russian Chemical Bulletin*, 61(4), 768-780.
- Ostrovskii, V.A., Trifonov, R.E., & Popova, E.A. (2012). Medicinal chemistry of tetrazoles. *Russian Chemical Bulletin*, 61(4), 768-780.
- Ozbek, E., (2012). Induction of Oxidative Stress in Kidney. *International Journal of Nephrology*. 1-9.
- Pabla, N., & Dong, Z. (2008). Cisplatin nephrotoxicity: mechanisms and renoprotective strategies. *Kidney International*, 73, 994-1007.

- Palani, S., Raja, S., Naresh, R., Kumar, B.S. (2010). Evaluation of nephroprotective, diuretic, and antioxidant activities of *Plectranthus amboinicus* on acetaminophen-induced nephrotoxic rats. *Toxicology Mechanisms and Methods*, 20(4), 213-221.
- Palani, S.S., Raja, R., Kumar, P., Jayakumar, S. (2009). Therapeutic efficacy of *Pimpinella tirupatiensis* (Apiaceae) on acetaminophen induced nephrotoxicity and oxidative stress in male albino rats. *International Journal Pharm Tech Research*, 1(3), 925-934.
- Pallavi, A., & Balaraman, R. (2004). Antioxidant activity of activit, a herbomineral formulation, in experimentally induced cardiac and renal damage. *ARS Pharmaceutica*, 45, 45-57.
- Pani, S.R., Mishra, S., Sahoo, S., & Panda, P.K. (2011). Nephroprotective effect of *Bauhinia variegata* (Linn.) whole stem extract against cisplatin induced nephropathy in rats. *Indian Journal of Pharmacology*, 43(2), 200–202.
- Patel, P.M., Patel, N.M., & Goyal, R.K. (2006). Quality control of herbal products. *The Indian Pharmacist*, 5, 26–30.
- Patzelt, A., Knees, S.G. (2013). *Exacum arabicum*, The IUCN Red List of Threatened Species.
- Paul, C., Chiedozi, O., and Mbagwu, N. (2015). Bioactive Principles from Medicinal Plants. *Research Journal of Phytochemistry*, 9, 88-115.
- Paul, P.H.B., Ming, L., Mathew, S.M.W et al. (2012). *Exacum paucisquamum* (C.B. Clarke) Klack. A new record of Mycoheterotroph (Gentianaceae) to the Flora of Hong Kong. *Taiwania*, 57(3), 300-304.
- Peter, K.V., (2006). Underutilized and underexploited Horticultural Crops: New India Publishing Agency, New Delhi.
- Philomena, G. (2011). Concerns regarding the safety and toxicity of medicinal plants: An overview. *Journal of Applied Pharmaceutical Science*, 1(6), 40-4.
- Prasad, S. K., Kumar, R., Patel, D. K., Sahu, A. N., & Hemalatha, S. (2012). Physicochemical standardization and evaluation of in-vitro antioxidant activity of *Aconitum heterophyllum* Wall. *Asian Pacific Journal of Tropical Biomedicine*, 2, S526-S531.
- Prasad, S.K., Laloo, D., Kumar, M., & Hemalatha, S. (2013). Quality control standardization and antioxidant activity of roots from *Eriosema chinense*. *Pharmacognosy Journal*, 5, 149-155.
- Prasad, S.K., Sahu, A.N., Hemalatha, S. (2012). Cytomorphological and physicochemical evaluations of *Cryptocoryne spiralis* (Retzius) Wydler. *Journal of Herbs, Spices & Medicinal Plants*, 18, 304-307.
- Prasanthi, D., Adikay, S. (2017). Pharmacognostic Studies and Nephroprotective Potential of Hydroalcoholic Extract of *Trichosanthes cucumerina* in Acute Renal Failure. *Pharmacognosy Journal*, 9(2), 176-84.

- Pravin, H.N., Joseph, K., Aruna, J., & Vilasrao, K. (2012). Future Trends in Standardization of Herbal Drugs. *Journal of Applied Pharmaceutical Science*, 2, 38-44.
- Priyadarsini, G., Kumar, A., Anbu, J., Anjana, A., Ayyasamy, S. (2012). nephroprotective activity of decoction of *Indigofera Tinctoria* (Avuri Kudineer) against cisplatin-induced nephropathy in rats. *International journal of life science and pharma research*, 2, 4.
- Qarawi, A. A., Abdel, R.H., Mousa, H.M., Ali, B.H., Mougy, E.S.A. (2008). Nephroprotective action of *Phoenix dactylifera* in gentamicin-induced nephrotoxicity. *Pharmaceutical Biology*, 46(4): 227-30.
- Rai, J., Thakar, K.A. (1966). Chemical investigation of *Enicostemma littorale* Blume. *Current Science*, 35, 148-149.
- Rajamurugan, R., Suyavaran, A., Selvaganabathy, N., Ramamurthy, C.H., Reddy, G.P., Sujatha. V., & Thirunavukkarasu, C. (2012). *Brassica nigra* plays a remedy role in hepatic and renal damage. *Pharmaceutical Biologyl*, 50(12), 1488-1497.
- Ramesh, G., Reeves, W.B. (2005). P38 MAP kinase inhibition ameliorates cisplatin nephrotoxicity in mice. *American Journal of Physiology-Heart and Circulatory Physiology*, 289, 166-74.
- Ramesh, G., Reeves, W.B. (2002). TNF-alpha mediates chemokine and cytokine expression and renal injury in cisplatin nephrotoxicity. *Journal of Clinical Investigation*, 110, 835-842.
- Ran,a V.S., Dhanani, T., and Kumar, S. (2012). Improved and rapid HPLC-PDA method for identification and quantification of swertiamarin in the aerial parts of *enicostemma axillare*. *Malaysian Journal of Pharmaceutical Sciences*, 10(1), 1-10.
- Rathbone, D.A., & Bruce, N.C. (2002). Microbial transformation of alkaloids. *Current Opinion in Microbiology*, 5, 274-281.
- Reddi, S.T.V., Naidu, B.V.A.R., and Prasanthi, S. (2005). In Herbal remedies for diseases, Ukay Publications, Hyderabad.
- Reddy, G.S., Raparla, L.P., Reddy G.R., Charan, D.V. (2015). Evaluation of Nephroprotective Activity of the Methanolic Extract of *Phyllanthus Niruri* (Family-Euphorbiaceae). *International Journal of Pharmaceutical and Phytopharmacological Research*, 2250-1029.
- Rodrigues, F.A., Prata, M.M., Oliveira, I.C., Alves, N.T., Freitas, R.E., Monteiro, H.S., Vieira, P.C., Viana, D.A., Liborio, A.B., & Havt, A. (2014). Gingerol fraction from *Zingiber officinale* protects against gentamicin-induced nephrotoxicity. *Antimicrobial agents and chemotherapy*, 58(4), 1872-1878.
- Rönnerstam, R., Persson, K., Hansson, H., Renmarker, K. (1985). Prevalence of chlamydial eye infection in patients attending an eye clinic, a VD clinic, and in healthy persons. *British Journal of Ophthalmology*, 69(5), 385-388.
- Safirstein, R.L., (2007) Renal disease induced by anti-neoplastic agents, in Diseases of the Kidney and Urinary Tract (Schrier RW ed), Lippincott, Williams & Wilkins, Philadelphia, 1068–1081

- Sahin, K., Sahin, N., Kucuk, O. (2010). Lycopene and chemotherapy toxicity. *Nutrition and Cancer*, 62, 988-995.
- Sahoo, N., Manchikanti, P., & Dey, S. (2010). Herbal drugs: Standards and regulation. *Fitoterapia*, 81, 462-471.
- Salih, N.D., Shukriyah, N.M.H., Mohamad, H.A.H. (2015). The effect of mulberry (morus sp.) tea supplement on acetaminophen induced renal failure in rats. *World journal of pharmacy and pharmaceutical sciences*, 4(4), 111-125.
- Saliha, R., Syed, T.R., Faizal, A., Absar, A., Shania, A., & Farzana, M. (2014). The Role of Vitamin E in Human Health and Some Diseases. *Sultan Qaboos University Medical Journal*, 14(2), e157–e165.
- Sameera, O.B., Ibrahim, A.A., Mohammad, A.B., Haseeb, A.K., Farhan, A.H., Homaidan, A.A.A., Ahamed, A., & Thomas, J. (2011). Comparative evaluation of PCR success with universal primers of maturase K (matK) and ribulose-1, 5-bisphosphate carboxylase oxygenase large subunit (rbcL) for barcoding of some arid plants. *Plant Omics*, 4(4), 195-198.
- Samiulla, D.D. (2000). Comparative evaluation of poly herbal formulations for its nephroprotective activity. *Proceedings of International Congress on Ayurveda*, 193, 28-33.
- Sanjib, D., Rabindra, N.B., Ram, P.S., Jogendra, N.B., et al., (1984). Secoiridoids from *Exacum tetragonum*. *Phytochemistry*, 23, 908-909.
- Sarumathy, K., Dhana, M.S., Vijay, T., Jayakanthi, J. (2011). Evaluation of phytoconstituents, nephroprotective and antioxidant activities of *Clitoria ternatea*. *Journal of Applied Pharmaceutical Science*, 1(5), 164-172.
- Sasmita, B. (2014). Oxidative stress and astaxanthin: The novel supernutrient carotenoid. *International Journal of Health & Allied Sciences*, 3(3), 147-153.
- Sato, Y., Itagaki, S., Kurokawa, T., Ogura, J., Kobayashi, M., Hirano, T., Sugawara, M., & Iseki K. (2011). *In vitro* and *in vivo* antioxidant properties of chlorogenic acid and caffeic acid. *International Journal of Pharmaceutics*, 403,136-138.
- Schieppati, A., & Remuzzi, G. (2005). Chronic renal diseases as a public health problem: Epidemiology, social and economic implications. *Kidney International Supplements*.
- Schrier, R.W., Wang, W., Poole, B., et al. (2004). Acute renal failure: definitions, diagnosis, pathogenesis, and therapy. *Journal of Clinical Investigation*, 114, 5-14.
- Schulz, V., Hansel, R., & Tyler, V.E. (2002). *Fitoterapia Racional Um guia de Fitoterapia para as ciencias da saude. [Rational phytotherapy, a guide for the health sciences]*. Manole, Sao Paulo, 221-227
- Schumann, G., Bonora, R., Ceriotti, F., Ferard, G., Ferrero, C.A., Franck, P.F.H., et al. (2002). IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37°C. *Clinical Chemistry and Laboratory Medicine*. 40(7), 725-33.

- Sedlak, J., & Lindsay, R.H. (1968). Estimation of total protein bound and nonprotein sulfhydryl groups in tissue with Ellman's reagent. *Analytical Biochemistry*, 25, 192.
- Seth, S.D., & Sharma, B. (2004). Medicinal plants in India. *Indian Journal of Medical Research*, 120, 9-11.
- Shaloam, D., & Paul, B.T. (2014). Cisplatin in cancer therapy: molecular mechanisms of action. *European Journal of Pharmacology*, 364-378.
- Sharma, A.K., Gangwar, M., Tilak, R., Nath, G., Kumar, S.A.S., Tripathi, Y.B., Kumar, D. (2016). Phytochemical characterization, antimicrobial activity and reducing potential of seed oil, latex, machine oil and presscake of *Jatropha curcas*. *Avicenna Journal of Phytomedicine*, 6(4), 366-375.
- Sharma, R.K., Rajani, G.P., Sharma, V., Komala, N. (2011). Effect of ethanolic and aqueous extracts of *Bauhinia variegata* Linn. On gentamicin-induced nephrotoxicity in rats. *Indian Journal of Pharmaceutical Education and Research*, 45(2), 192-198.
- Sharma, S. (2010). Ocular infections: Research in India. *Indian Journal of Medical Microbiology*, 28, 91-94.
- Shelke, T.T., Kothai, R., Adkar, P.P., Bhaskar, V.H., Juvale, K.C., Kamble, B.B., & Oswal R.J. (2009). Nephroprotective activity of ethanolic extract of dried fruits of *Pedalium murex* Linn. *Journal of Cell and Tissue Research*, 9(1), 1687-1690.
- Shelke T, Bhaskar V, Adkara P, Jhaa U, Oswala R. (2011). Nephroprotective activity of ethanolic extract of stems bark of *Crataevanurvula*. *International Journal of Pharmaceutical Sciences and Research*. 2(10), 2712-2717.
- Shimmi, S.C., Jahan, N., & Sultana, N. (2011). Effect of Ashwagandha (*Withania somnifera*) root extract against gentamicin induced changes of serum urea and creatinine levels in rats. *Journal of Bangladesh Society of Physiologist*, 6(2), 84-89.
- Shino, Y., Itoh, Y., Kubota, T., et al. (2003). Role of poly (ADP- ribose-) polymerase in cisplatin-induced injury in LLC-PK1 cells. *Free Radical Biology and Medicine*, 35, 966-77.
- Shirwaikar, A., Deepti, I., Malini, S. (2004). Effect of *Aerva lanata* on cisplatin and gentamicin models of acute renal failure. *Journal of Ethnopharmacology*, 90, 81-86.
- Shirwaikar, A., Malini, S., Kumari, S.C. (2003). Protective effect of *Pongamia pinnata* flowers against cisplatin and gentamicin induced nephrotoxicity in rats. *Indian Journal of Experimental Biology*, 41(1), 58-62.
- Shirwaikar, A., Rajagopal, P.L., Malini, S. (2005). Effect of *Cassia auriculata* root extract on Cisplatin and gentamicin induced renal injury. *Phytomedicine*, 12, 555-560.
- Shoji, Y., Uedono, H., Ishikura, N., Takeyama, T. (1995). DNA damage induced by tumour necrosis factor-alpha in L929 cells is mediated by mitochondrial oxygen radical formation. *Immunology*. 84, 543-548.
- Showkat, H.G., Upadhyay, P., Das, S., & Sharma, M.P. (2015). Authentication of medicinal plants by DNA markers. *Plant Gene*, 4, 83-99.

- Shukla, R., Singh, P., Prakash, B., & Anuradha, Dubey, N.K. (2012). Antifungal, aflatoxin inhibitory and free radical-scavenging activities of some medicinal plants extracts. *Journal of Food Quality*, 35, 182-189.
- Simmons, E.M., Himmelfarb, J., Sezer, M.T., Chertow, G.M., Mehta, R.L., Paganini, E.P., Soroko, S., Freedman, S., Becker, K., Spratt, D., Shyr, Y., Ikizler, T.A. (2004). Plasma cytokine levels predict mortality in patients with acute renal failure. *Kidney International*, 65, 1357-1365.
- Singh, M., Modi, A., Narayan, G., & Singh, S. K. (2016). Benzothiazole derivatives bearing amide moiety: potential cytotoxic and apoptosis-inducing agents against cervical cancer. *Anticancer Drugs*, 27(6), 519-532
- Singh, R.P., Shukla, K.P., Panday, B.C., Singh R.G., Singh, R.H. (1992). Recent approach in clinical and experimental evaluation of diuretic action of Punarnavawith special reference to nephrotic syndrome. *Journal Research and Education in Indian Medicine*, 11(1), 29-36
- Sinha, A.K. (1972). Colorimetric assay of catalase. *Analytical Biochemistry*, 47, 389-394.
- Snafi, A.A.E., (2015). Therapeutic properties of medicinal plants: a review of their detoxification capacity and protective effects. *Asian Journal of Pharmaceutical Science & Technology*, 5(4), 257-70.
- Sonawane, R.D., Vishwakarma, S.L., Lakshmi, S., Rajani, M., Padh, H., Goyal, R.K. (2010). Amelioration of STZ-induced type 1 diabetic nephropathy by aqueous extract of *Enicostemma littorale* Blume and swertiamarin in rats. *Molecular and cellular biochemistry*. 340(1-2), 1-6.
- Songlin, L., Quanbin, H., Chunfeng, Q., Jingzheng, S., & Chuen, L., (2008). Chemical markers for the quality control of herbal medicines: an overview. *Chinese Medicine*, 3, 7.
- Sonkar, N., Ganeshpurkar, A., Yadav, P., Dubey, S., Bansal, D., Dubey, N. (2010). An experimental evaluation of nephroprotective potential of *Butea monosperma* extract in albino rats. *Indian Journal of Pharmacology*, 46(1), 109.
- Souza, J.N.S., Silva, E.M., Loir, A., Rees, J.F., Rogez, H., & Larondelle, Y. (2008). Antioxidant capacity of four polyphenol-rich Amazonian plant extracts: A correlation study using chemical and biological in vitro assays. *Food Chemistry*, 106, 331–339.
- Sreedevi, A., Bharathi, K., Prasad, K.V. (2010). Effect of decoction of root bark of *berberis aristata* against cisplatin induced nephrotoxicity in rats. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2(3), 51-56.
- Sreedevi, A.Y., Jyothi, P.L., Bharathi, K. (2011). Protective effect of fruits of *Pedaliium murex* against gentamicin-induced nephrotoxicity in rats. *International Journal of Phytopharmacology*, 2(1), 27-36.
- Sreejayan, N., Rao M.N. (1997). Nitric oxide scavenging by curcuminoids. *Journal of Pharmacy and Pharmacology*, 49, 105-107.
- Stefanello, M.E., Pascoal, A.C., Salvador, M.J. (2011). Essential oils from neotropical Myrtaceae: chemical diversity and biological properties. *Chemistry & Biodiversity*, 8, 73-94.

- Stenson, S., Newman, R., Fedukowicz, H. (1982). Laboratory studies in acute conjunctivitis. *Arch Ophthalmology*, 100(8), 1275-1277.
- Street, R.A. (2012). Heavy metals in medicinal plant products -An African perspective. *South African Journal of Botany*, 82, 67-74.
- Struwe, L., Hagen, K.B., Kadereit, J.W., Klackenberg, J., Nilsson, J.S., Thiv, M., and Albert V.A. (2002). Systematics, character evolution, and biogeography of Gentianaceae, including a new tribal and subtribal classification, In: Struwe L, Albert V.A. (eds). *Gentianaceae-Systematics and natural history*. Cambridge University Press, Cambridge.
- Sudhakar, D., Krishna, K.R., Parthasarathy, P.R. (2010). *Portulaca oleracea* L. extract ameliorates the cisplatin-induced toxicity in chick embryonic liver. *Indian Journal of Biochemistry and Biophysics*, 47(3), 185-189.
- Sugiyama, S., Hayakawa, M., Kato, T., Hanaki, Y., Shimizu, K., Ozawa, T. (1989). Adverse effects of anti-tumor drug cisplatin on rat kidney mitochondria: disturbances in glutathione peroxidase activity. *Biochemical and Biophysical Research Communications*, 159, 1121-1127.
- Tan, P.V., Mezui, C., Enow, O.G., Njikam, N., Dimo, T., Bitolog, P. (2008). Teratogenic effects, acute and sub chronic toxicity of the leaf aqueous extract of *Ocimum suave* Wild (Lamiaceae) in rats. *Journal of Ethnopharmacology*, 115(2), 232-237.
- Tantawy, E.W.H., Mohamed, S.A., Haleem, A.E.N. (2013). Evaluation of biochemical effects of *Casuarina equisetifolia* extract on gentamicin-induced nephrotoxicity and oxidative stress in rats. *Journal of clinical biochemistry and nutrition*, 53(3), 158-65.
- Tarasub N, Tarasub C & Devakul, W.N.A. (2011). Protective role of curcumin on cadmium-induced nephrotoxicity in rats. *Journal of Environmental Chemistry and Ecotoxicology*, 3(2), 17-24
- Thadhani, R., Pascual, M., & Bonventre, J.V. (1996). Acute renal failure. *New England Journal of Medicine*, 334, 1448-60.
- Thielen, T.L., Castle, S.S., & Terry, J.E. (2000). Anterior Ocular Infections: An Overview of Pathophysiology and Treatment. *Annals of Pharmacotherapy*, 34, 235-46.
- Thimmayan, B., Karupannan, A., Uthaman, D., Madathupatti, R.U. and David, P. (2012). Antihyperglycemic activity of *Exacum wightianum* Arn. An endemic medicinal plant, *International Journal of Pharma Sciences and Research*, 3, 400.
- Thimmayan, B., Karupannan, A., Madathupatti, R., Uthaman, D., et al., 2011. *In Vitro* Anti-inflammatory Activity of *Exacum wightianum* Arn. (Gentianaceae)- An Endemic Medicinal Plant, *Journal of Applied Pharmaceutical Science*, 1(10), 163-166.
- Thounaojam, M.C., Jadeja, R.N., Devkar, R.V., Ramachandran, A.V. (2010). *Sida rhomboides* Roxb leaf extract ameliorates gentamicin induced nephrotoxicity and renal dysfunction in rats. *Journal of Ethnopharmacology*, 132(1), 365-367.
- Thulin, M. (2001). *Exacum* (Gentianaceae) on the Arabian Peninsula and Socotra. *Nordic Journal of Botany*, 21, 243-247.

- Uchino, S., Kellum, J.A., Bellomo, R., Doig, G.S., Morimatsu, H., Morgera, S., *et al.* (2005). Acute renal failure in critically ill patients: a multinational, multicenter study. *Journal of the American Medical Association*, 294(7), 813-818.
- Uchio, E., Takeuchi, S., Itoh, N., *et al.* (2000) Clinical and epidemiological features of acute follicular conjunctivitis with special reference to that caused by herpes simplex virus type 1. *British Journal of Ophthalmology*, 84(9), 968-972.
- Uppuluri, S., Ali, S.L., Nirmala, T., Shanthi, M., Sipay, B., & Uppuluri, K.B. (2013). Nephroprotector activity of hydro alcoholic extract of *Tinospora cordifolia* roots on cisplatin induced nephrotoxicity in rats. *Drug Invention Today*, 5(4), 281-287.
- Vaidya, H., Rajani, M., Sudarsanam, V., Padh, H., & Goyal, R. (2009). A lead from *Enicostemma littorale* Blume for anti-hyperlipidemic effect. *European Journal of Pharmacology*, 617:108-112.
- Vaijanathappa, J., Badami, S. (2009). Antiedematogenic and free radical scavenging activity of swertiamerin isolated from *Enicostemma axillare*. *Planta Medica*, 75, 12-17.
- Valderra, B.F., Berthoux, F.C., Jones, E.H., *et al.* (1996). Report on management of renal failure in Europe, XXV, 1994. End-stage renal disease and dialysis report. *Nephrology Dialysis Transplantation*, 11.
- Valko, M.D., Leibfritz, J.M., Cronin, M.T.D., Mazur, M., Telser, J. (2007). Free radicals and antioxidants in normal physiological functions and human disease. *The International Journal of Biochemistry & Cell Biology*, 39(1), 44-84.
- Varghese, H.S., Kotagiri, S., Vrushabendra, S.B.M., Archana, S.P., & Raj, G.G. (2013). Nephroprotective activity of *Benincasa hispida* (Thunb.) Cogn. fruit extract against paracetamol induced nephrotoxicity in rats. *Research Journal of Pharmaceutical Biological and Chemical Science*, 4(1), 322-332
- Vishwakarma, S., Rajani, M., Bagul, M., Goyal, R. (2004). A rapid method for the isolation of swertiamarin from *Enicostemma littorale*. *Pharmaceutical biology*, 42(6), 400-403.
- Vishwakarma, S., Rajani, M., Bagul, M., Goyal, R. (2004). A rapid method for the isolation of swertiamarin from *Enicostemma littorale*. *Pharmaceutical biology*. 42(6), 400-403.
- Vivekanand, J., Guillermo, G. G., Kunitoshi, I., Zuo, L., Saraladevi, N., Brett, P., Rajiv, S., Angela, YMW., & Chih WY (2013). Chronic kidney disease: global dimension and perspectives. *Lancet*, 382, 260-72
- Vyas, N., Argal, A. (2012). Nephroprotective effect of ethanolic extract of roots and oleanolic acid isolated from roots of *Lantana camara*. *International Journal of Pharmacology and Clinical Sciences*, 1(2), 54-60.
- Wagner, H., & Bladt, S. (1996). Plant drug analysis: a thin layer chromatography atlas. Springer Science & Business Media.
- Wang, Y., R. John, J., Chen, *et al.* (2009). IRF-1 promotes inflammation early after ischemic acute kidney injury. *Journal of the American Society of Nephrology*, 20 (7), 1544–1555.

- Weerapreeyakul, N., Machana, S., Barusrux, S. (2016). Synergistic effects of melphalan and *Pinus kesiya* Royle ex Gordon (Simaosong) extracts on apoptosis induction in human cancer cells. *Chinese Medicine*, 11, 29.
- Wilson, T. (1999). Antioxidants, Human Health and Health Diseases. Wallingford, United Kingdom: Cabi Publishing. *Whole foods, antioxidants and health*, 141-50.
- Xin, Y., Kessarín, P., Neil, K., Kenneth, N. (2007). Cisplatin Nephrotoxicity: A Review. *American Journal of the Medical Sciences*, 334, 2.
- Yan, M., Tang, C., Ma, Z., Huang, S., Dong, Z. (2016). DNA damage response in nephrotoxic and ischemic kidney injury. *Toxicology and applied pharmacology*, 313, 104-108.
- Yao, X., Panichpisal, K., Kurtzman, N., & Nugent, K. (2007). Cisplatin Nephrotoxicity: A Review. *American Journal of the Medical Sciences*, 334(2), 115-24.
- Yildiz, G., Vatan, Ö., Çelikler, S., & Dere, S. (2011). Determination of the phenolic compounds and antioxidative capacity in Red Algae *Gracilaria bursa-pastoris*. *International Journal of Food Properties*, 14, 496-502.
- Yogesh, C.Y., Srivastava, D.N., Vipin, S., Sarita, S., Seth, A.K., Sharad, K., et al. (2011) Experimental Studies of *Ficus religiosa* (L) latex for preventive and curative effect against cisplatin induced nephrotoxicity in wistar rats. *Journal of Chemical and Pharmaceutical Research*, 3(1), 621-627.
- Yong, M.Y., Michael, M., Klackenberg, J., & Martin, W. (2005). Phylogeny and Biogeography of *Exacum* (Gentianaceae) a Disjunctive Distribution in the Indian Ocean Basin Resulted from Long Distance Dispersal and Extensive Radiation. *Systematic Biology*, 54(1), 21-34.
- Yong. M.Y., Michael, M., Klackenberg, J., Martin, W., et al. (2005). Phylogeny and Biogeography of *Exacum* (Gentianaceae): A Disjunctive Distribution in the Indian Ocean Basin Resulted from Long Distance Dispersal and Extensive Radiation. *Systematic Biology*, 54(1), 21-34.
- Zevenbergen, H., Bree, D.A., Zeelenberg, M., Laitinen, K., Van, D.G., & Floter, E. (2009). Foods with a high fat quality are essential for healthy diets. *Annals of Nutrition and Metabolism*, 54(1), 15-24.
- Zhang, B., Ramesh, G., Norbury, C.C., Reeves, W.B. (2007). Cisplatin-induced nephrotoxicity is mediated by tumor necrosis factor-alpha produced by renal parenchymal cells. *Kidney International*, 72, 37-44.
- Zhang, J., Wider, B., Shang, H., Li, X., & Ernst, E. (2012). Quality of herbal medicines: Challenges and solutions. *Complementary therapies in Medicine*, 20, 100-106.
- Zhang, J.G., Lindup, W.E. (1993). Role of mitochondria in cisplatin induced oxidative damage exhibited by rat renal cortical slices. *Biochemical Pharmacology*, 45, 2215-2222