This system works by entering two or more diseases and clicking on submit. An anonymous user will only be able to submit two diseases, while a logged in user will be able to submit up to five diseases. This system will search through all articles in the GreenMedInfo database on the entered diseases, and list the substances in common with those diseases by Cumulative Knowledge.
Submit

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You have performed a search beyond the display means of an anonymous user. But we understand if you want to share these results with the world, so we have provided you a link which you may share with your friends so that they may view the same results as you. Otherwise, if you share the link from the address bar, they will only be able to view the first two terms you entered.

Link: [http://www.greenmedinfo.com/greenmed/smart/search/2?arg0=19393&arg1=21784&share=5f995693f3a1cd9a2ca168325fbdf7c2a](http://www.greenmedinfo.com/greenmed/smart/search/2?arg0=19393&arg1=21784&share=5f995693f3a1cd9a2ca168325fbdf7c2a)

You Results Are Based on the Following Terms

- Chemotherapy-Induced Toxicity
- Radiation Induced Illness

20 Relevant Results for Substances

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You Results Are Based on the Following Terms

- Chemotherapy-Induced Toxicity [3]
- Radiation Induced Illness [4]

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Curcumin

- Protective effects of chlorogenic acid, curcumin and beta-carotene against gamma-radiation-induced in vivo chromosomal damage. [28]
- Effect of curcumin and curcumin copper complex (1:1) on radiation-induced changes of anti-oxidant enzymes levels in the livers of Swiss albino mice. [29]
- Role of curcumin and the inhibition of NF-kappaB in the onset of chemotherapy-induced mucosal barrier injury. [30]
- Inhibition of radiation induced nitration by curcumin and nicotinamide in mouse macrophages. [31]
- Radioprotective action of curcumin extracted from Curcuma longa LINN: inhibitory effect on formation of urinary 8-hydroxy-2'-deoxyguanosine, tumorigenesis, but not mortality, induced by gamma-ray irradiation. [32]
- Potent preventive action of curcumin on radiation-induced initiation of mammary tumorigenesis in rats. [33]
- Chemoprevention by curcumin during the promotion stage of tumorigenesis of mammary gland in rats irradiated with gamma-rays. [34]
- Protection of radiation-induced protein damage by curcumin. [35]
- Modulation of radioreponse of glyoxalase system by curcumin. [36]
- Curcumin, the golden spice from Indian saffron, is a chemosensitizer and radiosensitizer for tumors and chemoprotector and radioprotector for normal organs. [37]
- Effect of curcumin on radiation-impaired healing of excisional wounds in mice. [38]
- Modulation of radiation-induced protein kinase C activity by phenolics. [39]
- Modification of radiation-induced acute oral mucositis in the rat. [40]
- Role of curcumin, a naturally occurring phenolic compound of turmeric in accelerating the repair of excision wound, in mice whole-body exposed to various doses of gamma-radiation. [41]
- Radiation-induced incidence of thymic lymphoma in mice and its prevention by antioxidants. [42]
- Protective effect of curcumin in cisplatin-induced oxidative injury in rat testis: mitogen-activated protein kinase and nuclear factor-kappa B signaling pathways. [43]
- Protective effects of curcumin against gamma radiation-induced ileal mucosal damage. [44]
- Curcumin reduced the side effects of mitomycin C by inhibiting GRP58-mediated DNA cross-linking in MCF-7 breast cancer xenografts. [45]
- Basal levels and patterns of anticancer drug-induced activation of nuclear factor-kappaB (NF-kappaB), and its attenuation by tamoxifen, dexamethasone, and curcumin in carcinoma cells. [46]
- Curcumin treatment enhances the repair and regeneration of wounds in mice exposed to hemibody gamma-irradiation. [47]
- Protective effect of curcumin, ellagic acid and bixin on radiation induced toxicity. [48]
- Dietary curcumin increases antioxidant defenses in lung, ameliorates radiation-induced pulmonary fibrosis, and improves survival in mice. [49]
- Inhibition of radiation-induced lipid peroxidation by tetrahydrocurcumin: possible mechanisms by pulse radiolysis. [50]
- Topical curcumin can inhibit deleterious effects of upper respiratory tract bacteria on human oropharyngeal cells in vitro: potential role for patients with cancer therapy induced mucositis. [51]
- Potentiation by turmeric and curcumin of gamma-radiation-induced chromosome aberrations in Chinese hamster ovary cells. [62]
- Radioprotection of turmeric extracts in bacterial system. [53]

**Probiotics**
- Effects of the enteral administration of Bifidobacterium breve on patients undergoing chemotherapy for pediatric malignancies. [54]
- Effects of probiotics on radiation-induced intestinal injury in rats. [55]

**Resveratrol**
- Resveratrol alleviates bleomycin-induced lung injury in rats. [56]
- Resveratrol attenuates radiation damage in Caenorhabditis elegans by preventing oxidative stress. [57]
- Resveratrol imparts photoprotection of normal cells and enhances the efficacy of radiation therapy in cancer cells. [58]
- Resveratrol protects against irradiation-induced hepatic and ileal damage via its anti-oxidative activity. [59]
- Resveratrol reduces radiation-induced chromosome aberration frequencies in mouse bone marrow cells. [60]

**Vitamin E**
- Alpha-tocopherol succinate protects mice from gamma-radiation by induction of granulocyte-colony stimulating factor. [61]
- Protective effects of dietary antioxidants on proton total-body irradiation-mediated hematopoietic cell and animal survival. [62]
- Liposoluble antioxidants provide an effective radioprotective barrier. [63]
- Gamma-Tocotrienol ameliorates intestinal radiation injury and reduces vascular oxidative stress after total-body irradiation by an HMG-CoA reductase-dependent mechanism. [64]
- Gamma-tocotrienol, a tocol antioxidant as a potent radioprotector. [65]
- Gamma-tocotrienol protects hematopoietic stem and progenitor cells in mice after total-body irradiation. [66]
- High dietary antioxidant intakes are associated with decreased chromosome translocation frequency in airline pilots. [67]
- Effect of vitamin B12, folate, and dietary supplements on breast carcinoma chemotherapy-induced mucositis and neutropenia. [68]
- Correlation of increased mortality with the suppression of radiation-inducible microsomal epoxide hydrolase and glutathione S-transferase gene expression by dexamethasone: effects on vitamin C and E-induced radioprotection. [69]
- Vitamin E and N-acetylcysteine as antioxidant adjuvant therapy in children with acute lymphoblastic leukemia. [70]
- Radioprotection by vitamin E: injectable vitamin E administered alone or with WR-3689 enhances survival of irradiated mice. [71]

**Homeopathic Medicine: All**
- Homeopathic medicines for adverse effects of cancer treatments. [72]

**Echinacea**
- Phytotherapeutic effects of Echinacea purpurea in gamma-irradiated mice. [73]
- Biological effects of Echinacea purpurea on human blood cells. [74]
- Polysaccharides isolated from Echinacea purpurea herba cell cultures to counteract undesired effects of chemotherapy--a pilot study. [75]

**Melatonin**
- Decreased toxicity and increased efficacy of cancer chemotherapy using the pineal hormone melatonin in metastatic solid tumour patients with poor clinical status. [76]
- Ameliorative effect of melatonin against gamma-irradiation-induced oxidative stress and tissue injury. [77]
- Radioprotective effects of melatonin on radiation-induced cataract. [78]
Astragalus

- Protective effect of flavonoids from Astragalus complanatus on radiation induced damages in mice. [79]
- [Clinical study on effect of Astragalus in efficacy enhancing and toxicity reducing of chemotherapy in patients of malignant tumor]. [80]

Bee Propolis

- The use of aqueous propolis extract against radiation-induced damage. [81]
- Protective effects of caffeic acid phenethyl ester on doxorubicin-induced cardiotoxicity in rats. [82]
- Evaluation of the radioprotective effects of propolis and flavonoids in gamma-irradiated mice: the alkaline comet assay study. [83]
- Immune activation and radioprotection by propolis. [84]
- Assessment by cytogenetic analysis of the radioprotection properties of propolis extract. [85]
- Evaluation of radioprotective effects of propolis and its flavonoid constituents: in vitro study on human white blood cells. [86]
- Assessment by survival analysis of the radioprotective properties of propolis and its polyphenolic compounds. [87]
- The effect of ethanolic extract of propolis on radiation-induced mucositis in rats. [88]
- Evaluation of radioprotective effects of propolis and quercetin on human white blood cells in vitro. [89]
- [Effect of propolis against radiation-induced oral mucositis in rats]. [90]
- Evaluation of radioprotective effects of propolis and quercetin on human white blood cells in vitro. [91]
- Radioprotective effects of propolis and quercetin in gamma-irradiated mice evaluated by the alkaline comet assay. [92]
- Radioprotective effects of quercetin and ethanolic extract of propolis in gamma-irradiated mice. [93]

Ginger

- Zingiber officinale exhibits behavioral radioprotection against radiation-induced CTA in a gender-specific manner. [94]
- Ginger (Zingiber officinale Rosc.), a dietary supplement, protects mice against radiation-induced lethality: mechanism of action. [95]
- Anti-emetic effect of ginger powder versus placebo as an add-on therapy in children and young adults receiving high emetogenic chemotherapy. [96]

NAC (N-acetyl-L-cysteine)

- Protective effects of dietary antioxidants on proton total-body irradiation-mediated hematopoietic cell and animal survival. [62]
- Protective effect of N-acetylcysteine against radiation induced DNA damage and hepatic toxicity in rats. [97]
- Vitamin e and N-acetylcysteine as antioxidant adjuvant therapy in children with acute lymphoblastic leukemia. [70]

Beta-glucan

- Maitake beta-glucan promotes recovery of leukocytes and myeloid cell function in peripheral blood from paclitaxel hematotoxicity. [97]
- Enhancement of radioprotection and anti-tumor immunity by yeast-derived beta-glucan in mice. [98]

Glutamine

- Prevention of chemotherapy and radiation toxicity with glutamine. [99]
- Effects of glutamine supplements and radiochemotherapy on systemic immune and gut barrier function in patients with advanced esophageal cancer. [100]

Reishi Mushroom

- Effect of citronellol and the Chinese medical herb complex on cellular immunity of cancer patients receiving chemotherapy/radiotherapy. [101]
- Protective effects of a water-soluble extract from cultured medium of Ganoderma lucidum (Rei-shi) mycelia and Agaricus blazei murill against X-irradiation in B6C3F1 mice: Increased small intestinal crypt survival and prolongation of average time to animal death. [102]
Angelica

- Effect of citronellol and the Chinese medical herb complex on cellular immunity of cancer patients receiving chemotherapy/radiotherapy. [101]
- Angelica sinensis down-regulates hydroxyproline and Tgfβ1 and provides protection in mice with radiation-induced pulmonary fibrosis. [103]

Calendula

- Homeopathic medicines for adverse effects of cancer treatments. [72]

Homeopathic Medicine: Traumeel

- Homeopathic medicines for adverse effects of cancer treatments. [72]
- A randomized, controlled clinical trial of the homeopathic medication TRAUMEEL S in the treatment of chemotherapy-induced stomatitis in children undergoing stem cell transplantation. [104]

Codonopsis pilosula

- Effect of citronellol and the Chinese medical herb complex on cellular immunity of cancer patients receiving chemotherapy/radiotherapy. [101]

Geranium

- Effect of citronellol and the Chinese medical herb complex on cellular immunity of cancer patients receiving chemotherapy/radiotherapy. [101]

Rubia Cordifolia

- Amelioration of cisplatin induced nephrotoxicity in Swiss albino mice by Rubia cordifolia extract. [105]
- Role of Rubia cordifolia Linn. in radiation protection. [106]

Homeopathic Treatment

- Phase III randomized trial of Calendula officinalis compared with trolamine for the prevention of acute dermatitis during irradiation for breast cancer. [107]
- A randomized, controlled clinical trial of the homeopathic medication TRAUMEEL S in the treatment of chemotherapy-induced stomatitis in children undergoing stem cell transplantation. [104]

Exercise

- Acute exercise protects against doxorubicin cardiotoxicity. [109]
- Exercise-induced protection of bone marrow cells following exposure to radiation. [110]

Chemotherapy

- Anticancer drug-induced kidney disorders. [111]
- Therapy-related acute myeloid leukemia and myelodysplastic syndrome: a clinical and morphologic study of 65 cases. [112]

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