Randy Howe's Cancer Research Links

Albenazole

Albendazole - an overview - ScienceDirect Topics
Albendazole- a potent inhibitor of vascular endothelial growth factor and malignant ascites formation in OVCAR-3 tumor-bearin
Albendazole as a promising molecule for tumor con…
Albendazole exerts antiproliferative effects on p…
Albendazole inhibits colon cancer progression and…
Albendazole Sulfoxide - an overview - ScienceDirect Topics
Biomedicines - Free Full-Text - Albendazole Exhib…
CN108078987B - Purposes of the albendazole in the drug of preparation treatment glioblastoma - Google Patents
Comparative efficacy of a single 400 mg dose of albendazole or mebendazole in the treatment of nematode infections in childre
High-Fat Breakfast Increases Bioavailability of Albendazole Compared to Low-Fat Breakfast- Single-Dose Study in Healthy Subje
Melatonin in Combination with Albendazole or Albendazole Sulfoxide Produces a Synergistic Cytotoxicity against Malignant Glio
Nanoformulations of albendazole as effective anti…

HMB

(PDF) Role of HMB in cancer cachexia
Bone mineral density changes of lumbar spine and femur in osteoporotic patient treated with bisphosphonates and beta-hydroxy-
Effect of β-hydroxy-β-methylbutyrate (HMB) on mus…
Effects of β-hydroxy β-methylbutyrate (HMB) suppl…
HMB Dosage - Maximuscle - Maxinutrition®
Hydroxymethylbutyrate (HMB)- What It Is, Benefits…
Journal of Nutritional Oncology
β-Hydroxy-β-Methylbutyrate Supplementation Promotes Antitumor Immunity in an Obesity Responsive Mouse Model of Pancreatic Duc

Super K

Everything You Need to Know About the Vitamin K2
Research progress on the anticancer effects of vi…
Vitamin D3 And K2- Should You Take Them Together-…
Vitamin K2 and Blood Coagulation- Debunking A Myth
Vitamins K1 and K2- The Emerging Group of Vitamins Required for Human Health - PMC

Melatonin

Ameliorative effect of melatonin against contrast…
An Overview of Melatonin and Breast Cancer - Natu…
Melatonin- An Anti-Tumor Agent in Hormone-Depende…
Melatonin and cancer suppression- insights into i…
Melatonin- Avenues in cancer therapy and its nano…
Melatonin effect on platelets and coagulation- Implications for a prophylactic indication in COVID-19 - PMC
Melatonin in Cancer Treatment- Current Knowledge…
Melatonin in Combination with Albendazole or Albendazole Sulfoxide Produces a Synergistic Cytotoxicity against Malignant Glio
Melatonin in the treatment of cancer- a systemati…
Melatonin inhibits triple-negative breast cancer…
Melatonin reduces gamma radiation-induced primary…
Melatonin Treatment Enhances Aβ Lymphatic Clearance in a Transgenic Mouse Model of Amyloidosis - PubMed
Melatonin, a Full Service Anti-Cancer Agent- Inhi…
Role and Therapeutic Potential of Melatonin in Va…
The Effect and Underlying Mechanism of Melatonin on Platelet Formation and Survival in a Thrombocytopenic Model. - Blood - Am
The melatonin immunomodulatory actions in radioth…
Utilizing Melatonin to Alleviate Side Effects of…
View of A Preliminary Phase-2 Study with very Hig…

Conventional

A Case of Spontaneous Tumor Lysis Syndrome in a P…
Chemotherapy-induced metastasis- Mechanisms and t…
Diagnosis and management of tumor lysis syndrome…
Distinguishing inflammation from tumor and peritu…
What Happens to Tumor Cells After They Are Killed…

Immune Mushroom Blend

10 Mushroom Benefits For Men- The Ultimate Guide
Continuous intake of the Chaga mushroom (Inonotus…
Cordyceps sinensis polysaccharide inhibits colon…
Current Uses of Mushrooms in Cancer Treatment and Their Anticancer Mechanisms - PMC
Deadly mushroom defeats human pancreatic cancer in mice - Fierce Biotech
Ganoderma lucidum (Reishi mushroom) for cancer tr…
Mushroom Mycelium vs. Fruiting Body Extract- Gaia…
Mycelium vs Fruiting Body- Which is Best for Supp…
Mycomedicinals (Mushrooms) for Cancer - Whole Hea…
Quality & Sourcing- Gaia Herbs®
Turkey Tail Mushrooms- A Natural Immune Booster for Dogs

Magnesium Glycinate

Anti-Fibrosis Effects of Magnesium Lithospermate B in Experimental Pulmonary Fibrosis- By Inhibiting TGF-βRI-Smad Signaling -
Types of Magnesium- Benefits and Side Effects, Per Experts

Omega 3

A dose-response meta-analysis of randomized clinical trials investigating the effects of omega-3 supplementation on body weig
An omega-3 that's poison for tumors - ScienceDaily
Antioxidant Activity of Docosahexaenoic Acid (DHA…
Dietary docosahexaenoic acid (DHA) as lysophospha…
Dietary omega-3 polyunsaturated fatty acids and t…
Docosahexaenoic acid (DHA), an omega-3 fatty acid…
Effects of the polyunsaturated fatty acids, EPA and DHA, on hematological malignancies- a systematic review - PMC
EPA vs DHA- Which Type of Omega-3 Is Best- - Rene…
Fish oil and treatment of cancer cachexia - PMC
Fish oil-supplementation increases appetite in healthy adults. A randomized controlled cross-over trial - PubMed

Mechanism Identified by Which Omega-3 Fatty Acid Is -Poison- to Tumors
New study investigates the effect of DHA and delt…
Omega 3-DHA and Delta-Tocotrienol Modulate Lipid…
Omega-3 dietary supplements pass blood-brain barr…
Omega-3 Fatty Acids and Cancer Cell Cytotoxicity-…
Optimizing the EPA-DHA ratio
The effect of long chain omega-3 polyunsaturated fatty acids on muscle mass and function in sarcopenia- A scoping systematic
The effect of omega3 fatty acid supplementation on PPARγ and UCP2 expressions, resting energy expenditure, and appetite in at
Tumours poisoned by omega-3 - UCLouvain

D3

(PDF) Role of vitamin D in targeting cancer and cancer stem cell populations and its therapeutic implications
1α,25-Dihydroxyvitamin D3 restrains stem cell-like properties of ovarian cancer cells by enhancing vitamin D receptor and sup
Antifibrotic effects of vitamin D3 on human lung fibroblasts derived from patients with idiopathic pulmonary fibrosis - PubMe
Cancer stem cells and Vitamin D - many studies - VitaminDWiki
Daily oral dosing of vitamin D3 using 5000 TO 50,000 international units a day in long-term hospitalized patients- Insights f
Effect of Vitamin D3 Supplements on Development of Advanced Cancer- A Secondary Analysis of the VITAL Randomized Clinical Tri
Natural Products That Target Cancer Stem Cells -…
Repurposing vitamin D for treatment of human mali…
Repurposing vitamin D for treatment of human malignancies via targeting tumor microenvironment - PMC
Vitamin D and pulmonary fibrosis- a review of molecular mechanisms - PMC
Vitamin D Effects on Cell Differentiation and Stemness in Cancer
Vitamin D- The Cancer Fighting Vitamin - Ironwoo…

Moxydectin

Abstract 3895- Moxidectin unravels the role of Hippo-YAP pathway in maintaining immunity of pediatric glioblastoma - Cancer R
EVALUATION OF THE ANTITUMOR EFFECT OF MOXIDECTIN AND ITS SYNERGISTIC POTENTIAL WITH CHEMOTHERAPY - Galoá Proceedings
GABAA receptor agonist suppresses pediatric medulloblastoma progression by inhibiting PKA-Gli1 signaling axis - ScienceDirect
Melatonin Cytotoxicity Is Associated to Warburg Effect Inhibition in Ewing Sarcoma Cells - PLOS ONE
Moxidectin - an overview - ScienceDirect Topics
Moxidectin - Wikipedia
Moxidectin- a review of chemistry, pharmacokinetics and use in horses - Parasites & Vectors - Full Text
Moxidectin Effects on Gut Microbiota of Wistar-Kyoto Rats- Relevance to Depressive-Like Behavior - PMC
Moxidectin induces autophagy arrest in colorectal cancer - Medical Oncology
Moxidectin induces Cytostatic Autophagic Cell Death of Glioma Cells through inhibiting the AKT-mTOR Signalling Pathway - PMC
Moxidectin induces leukemia cell death by increasing intracellular... - Download Scientific Diagram
Moxidectin inhibits glioma cell viability by inducing G0-G1 cell cycle arrest and apoptosis - PMC
Moxidectin inhibits glioma cell viability by inducing G0-G1 cell cycle arrest and apoptosis - PubMed
Pharmacokinetics of oral moxidectin in individuals with Onchocerca volvulus infection - PMC
Repurposing anthelmintic agents to eradicate resistant leukemia - Blood Cancer Journal
The Antiparasitic Moxidectin- Safety, Tolerabilit…

Serrapeptase

Co-delivery of curcumin and serratiopeptidase in…
Effects of Systemic Enzyme Supplements on Symptom…
https---www.scielo.br-j-bjps-a-5pqHqqWY3P5xwZ4mkDZdrtB--format=pdf&lang=en#~~text=Thrombolytic activity of serrapeptase in v
Natural compounds to treat Colitis and Ulcerative…
No More Lupus Symptoms or Markers for New Jersey…
Serrapeptase - Liver Doctor
Serrapeptase Benefits- Why It's Important for Respiratory Health - iHerb Blog
Serrapeptase Liver Health Enzyme - Healthy Gut Pr…
Serrapeptase- Pain Relief Effects, Infection Prev…
Serrapeptase- the Most Effective & Powerful Syste…
Serratiopeptidase- Insights into the therapeutic…
Serratiopeptidase reduces the invasion of osteobl…
Serratiopeptidase Uses - Unlocking the Power of Serratiopeptidase – Vaastavik
The Relationship Between Serrapeptase and Kidney Stones- What You Need To Know
The role of serratiopeptidase in the resolution o…
Treat Liver disease with Serrapeptase and LCHF Li…
What Is Serrapeptase-

Milk Thistle

A review of therapeutic potentials of milk thistl…
In vitro and in vivo anticancer efficacy of silib…
Milk thistle hits prostate cancer two ways- Study…
Milk thistle hits prostate cancer two ways
Multitargeted therapy of cancer by silymarin - PMC
Natural Products That Target Cancer Stem Cells -…
New Weapon to Fight Prostate Cancer - page 1 - Li…
Role of Milk Thistle In Balancing Hormones During …
Role of Silymarin in Cancer Treatment- Facts, Hypotheses, and Questions - PMC
Silibinin decreases prostate-specific antigen wit…
Silymarin induces cell cycle arrest and apoptosis…
Silymarin inhibits cervical cancer cell through a…
Silymarin inhibits proliferation of human breast…
The Anticancer Properties of Silibinin- Its Molec…
The Positive "Estrogenic" Effects of Milk Thistle Extract

Annatto Tocotrienols

A Phase I Safety, Pharmacokinetic, and Pharmacody…
Biological Properties of Tocotrienols- Evidence i…
IJMS - Free Full-Text - Molecular Mechanisms of A…
Molecular Mechanisms of Action of Tocotrienols in…
New study investigates the effect of DHA and delt…
Potential of tocotrienols in the prevention and therapy of Alzheimer's disease - ScienceDirect
Reduction of DNA damage in older healthy adults by Tri E® Tocotrienol supplementation - ScienceDirect
Revisiting the therapeutic potential of tocotrienol - Ranasinghe - 2022 - BioFactors - Wiley Online Library
Synergistic Anticancer Effect of Tocotrienol Combined with Chemotherapeutic Agents or Dietary Components- A Review - PMC
Tocotrienols- A More Potent (and Safe) Form of Vi…
Tocotrienols- Emerging Science and Innovations of…
Tocotrienols intake reduces HbA1C level in diabet…
Tocotrienols Modulate a Life or Death Decision in Cancers - PMC
TOCOTRIENOLS- Overview, Uses, Side Effects, Preca…

Tocotrienols Provide Radioprotection to Multiple Organ Systems through Complementary Mechanisms of Antioxidant and Signaling
Tocotrienols- The Little-Known Benefits - Life Ex…
Tocotrienols- The promising analogues of vitamin E for cancer therapeutics - ScienceDirect

DMSO

Dimethyl sulfoxide promotes the multiple function…
Dimethylsulphoxide (DMSO) – another multitasking,…
DMSO Chemically Alters Cell Membranes to Slow Exo…
DMSO Could Save Millions From Brain and Spinal Injury
Frequently Asked Questions About DMSO- Natural Ch…
How DMSO Safely Eliminates 'Incurable' Pain
https---www.eden-shop.eu-wp-content-uploads-2020-06-Scott-Archie-DMSO-Handbook.pdf#page34
Inhibition of differentiation and function of ost…
Late dimethyl sulfoxide administration provides a…
The Rationality of Implementation of Dimethyl Sul…
The Truth About DMSO in Cancer Treatment- Unprove…
The Untapped Healing Potential of Dimethyl Sulfox…

Berberine

Antiviral activity of berberine - PMC
Berberine as a cancer treatment - CANCERactive
Berberine inhibits the proliferation of pancreati…
Effects of Berberine against Pancreatitis and Pan…
Frontiers - Apoptosis Induction, a Sharp Edge of Berberine to Exert Anti-Cancer Effects, Focus on Breast, Lung, and Liver Can
Prebiotic Effect of Berberine and Curcumin Is Associated with the Improvement of Obesity in Mice - PMC
The Anti-Cancer Mechanisms of Berberine- A Review…

Zinc

A Systematic Study on Zinc-Related Metabolism in Breast Cancer
Targeting cuproptosis by zinc pyrithione in triple-negative breast cancer - PMC
Zinc and its role in vitamin D function - PMC
Zinc complex of 3,5-di-tert-butyl salicylate inhibits viability, migration, and invasion in triple-negative breast cancer cel

Antioxidants

Antioxidants and other nutrients do not interfere…

Claritin

Antihistamines for cancer treatment- More than ju…
Antihistamines for cancer treatment- More than just allergy relief
Can antihistamines like Cimetidine, Desloratadine…
Could antihistamines help fight cancer-
Frontiers - Combination of an Autophagy Inducer a…
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Improved survival in several cancers with use of H1-antihistamines desloratadine and loratadine - PMC
Loratadine, an antihistamine drug, exhibits anti-…
Loratidine is associated with improved prognosis…
Second-Generation Antihistamine Drugs May Improve…
Silver Cancer Institute - Antihistamines for canc…
The role of lysosomes in autophagy - ScienceDirect
WO2018003829A1 - Autophagy inhibitor - Google Pat…

Fisetin

Bioactivity of Two Polyphenols Quercetin and Fisetin against Human Gastric Adenocarcinoma AGS Cells as Affected by Two Coexis
Biological effects and mechanisms of fisetin in c…
Biological effects and mechanisms of fisetin in cancer- a promising anti-cancer agent - European Journal of Medical Research
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Fisetin- An anticancer perspective - PMC
Fisetin and Lung Health - Restorative Medicine
Fisetin Benefits- Dosages and How to Take It - Th…
Fisetin in Cancer - Encyclopedia MDPI
Fisetin in Cancer- Attributes, Developmental Aspects, and Nanotherapeutics - PMC
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Fisetin Inhibits Migration and Invasion of Human…
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Fisetin's Promising Antitumor Effects- Uncovering…
Frontiers - Fisetin Inhibited Growth and Metastas…
Genotoxic and Cytotoxic Activity of Fisetin on Glioblastoma Cells - Anticancer Research
Natural Products That Target Cancer Stem Cells -…
Novusetin vs Fisetin- What You Need to Know About These Powerful Suppl – Just Glow
Role of Fisetin in Selected Malignant Neoplasms in Women - PMC
The Potential Role of Fisetin, a Flavonoid in Can…
Therapeutic potential of flavonoids in cancer- RO…
Why do you use fisetin- Is fisetin better than qu…
Why do you use fisetin- Is fisetin better than quercetin- - NOVOS

Turmeric

Co-delivery of curcumin and serratiopeptidase in…
Curcumin and Cancer Cells- How Many Ways Can Curr…
Curcumin as a promising treatment for pulmonary fibrosis- Mechanism and therapeutic potential - ScienceDirect
Curcumin as an Adjuvant to Cancer Immunotherapy -…
Curcumin as an Enhancer of Therapeutic Efficiency…
Curcumin Combination Chemotherapy- The Implicatio…
Curcumin in Treating Breast Cancer- A Review - Yi…
Curcumin vs. Turmeric- What's the Difference-- Ga…
Efficacy of curcumin-turmeric on liver enzymes in…
Natural Products That Target Cancer Stem Cells -…
View of Preventing Cancer with Turmeric- The Whol…

Ivermectin

Abstract 2320- Ivermectin suppresses pancreatic cancer via mitochondria dysfunction - Cancer Research - American Association
Antibiotic ivermectin selectively induces apoptosis in chronic myeloid leukemia through inducing mitochondrial dysfunction an
Combinations of ivermectin with proteasome inhibitors induce synergistic lethality in multiple myeloma - ScienceDirect
Current therapeutic applications and pharmacokinetic modulations of ivermectin - PMC
Frontiers - Ivermectin and gemcitabine combination treatment induces apoptosis of pancreatic cancer cells via mitochondrial d
Frontiers - Ivermectin has New Application in Inhibiting Colorectal Cancer Cell Growth
Gene signatures to therapeutics- Assessing the potential of ivermectin against t(4;14) multiple myeloma - PMC
Ivermectin - an overview - ScienceDirect Topics
Ivermectin as an inhibitor of cancer stem-like ce…
Ivermectin converts cold tumors hot and synergizes with immune checkpoint blockade for treatment of breast cancer - npj Breas
Ivermectin induces nonprotective autophagy by downregulating PAK1 and apoptosis in lung adenocarcinoma cells - PubMed
Ivermectin inhibits the growth of glioma cells by inducing cell cycle arrest and apoptosis in vitro and in vivo - PubMed
Ivermectin inhibits tumor metastasis by regulating the Wnt-β-catenin-integrin β1-FAK signaling pathway - PMC
Ivermectin reverses the drug resistance in cancer…
Ivermectin synergizes sorafenib in hepatocellular carcinoma via targeting multiple oncogenic pathways - PMC
Ivermectin, a potential anticancer drug derived f…
The antiparasitic agent ivermectin induces chloride-dependent membrane hyperpolarization and cell death in leukemia cells - B
The bioavailability of ivermectin in horses when…
The Pharmacokinetics and Interactions of Ivermectin in Humans—A Mini-review - PMC
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