

Key Word Index to Volume 7

- Acute
 myeloid leukemia, 774
 toxicity, 240
Adduct(s), 483, 70
Adjuvant, 137
Adriamycin, 100, 114
Alamar Blue, 288
Alcohol, 288
Alkylating Agents, 415
Allopurinol, 235
2-Amino-4,4a-dihydro-4a,7-dimethyl-3H-phenoxazine-3-one(Phx), 591
Amifostine, 121, 795
Amphotericin B, 489
Angiogenesis, 175, 363, 723
Antagonism, 493, 558
Anthracenones, 716
Anthracenyl-Amino Acid Conjugates, 636
Anti-Angiogenesis, 339
Anti-Metastatic, 87, 697
Anti-Tumor(s), 87, 649
 activity, 189, 248, 437, 591, 795
 screening, 873
 ascitic, 87
Antiemetic, 535
Antiestrogenic, 288
Antimetabolites, 752
Antiproliferative, 288
Antipyrine, 54
Antisense, 838
 oligodeoxynucleotides, 189
Apoptosis, 312
Applications, 723
ATP, 630
 depletion, 655
AZT (Zidovudine), 109

Bcl-2, 344
Bendamustine Hydrochloride, 415
Benzamide Riboside, 93
 β -Alkylaminopropionones, 613
Bicalutamide, 27, 54
Biochemical Modulation, 655
Bleomycin, 785
Blood Platelet, 476
Blood-Brain Barrier, 213
Breast Carcinoma, 630

Bromodeoxyuridine Immunohistochemistry, 199
Bryostatins, 1, 299

c-Myc, 293, 344
Caffeic Acid Derivative, 866
Calcein-AM, 568
Camellia Sinensis, 461
Camptothecin, 531, 758, 851
 analog, 437
Cancer, 723, 866
 advanced breast, 543
 advanced colorectal, 35, 649
 advanced endometrial, 527
 advanced lung (non-small cell), 890
 advanced prostate, 54
 bladder, 507
 breast, 288, 415, 846, 851
 cervix, 398
 colorectal, 623
 gastric, 137
 gastrointestinal, 48
 ovarian, 415
 pancreatic, 410
 patients, 514
 prostate, 27
 recurrent endometrial, 527
Carboplatin, 121, 489, 885
Cardiac MDR Phenotype, 833
Carotenoid, 195
Catechins, 461
CD69, 299
Cell Differentiation, 766
Cellular Uptake, 189
Cerebral Infarction, 228
Cervix, 800
Circadian, 703
Chemiluminescence, 630
Chemosensitivity, 331
Chemotherapy, 137, 213, 307, 363, 535, 630, 716, 734, 846
 combination, 752
 electro, 785
 intraperitoneal, 596, 780
 weekly, 43
Child, 121
Chloroethylnitrosoureas, 703
Chromosomal Aberrations, 514
Chronic Myelogenous Leukemia, 815

Cisplatin, 114, 220, 240, 476, 483, 493, 579, 70, 792, 795
13-*Cis*-Retinoic Acid, 800
Cleavable Complexes, 851
Cleavage Complex, 758
Clinical Testing, 723
Cloning Assay, 275
Collagen, 204
Colon Carcinoma, 728
Combination, 137
 chemotherapy, 752
 therapy, 27
Continuous Infusion, 520
Cost Effective, 649
CPT-11, 437
Cremophor EL, 825
Cu(II) Complexes, 469
Cyclohexanediamine-Pt(IV) Complex, 248
Cyclophosphamide, 204
Cyclosporin A, 60
 efflux, 257
Cytidine Deaminase, 266
Cytokines, 275
Cytosine Arabinoside, 266
Cytostatic
 effects, 710
 treatment, 514
Cytotoxicity, 493, 548, 558, 604, 613
 assay, 469

d-Limonene, 422
Daunomycin, 833
Daunorubicin, 558
d(CGTACG), 636
DDC (Dideoxycytidine), 109
DDI (Didanosine), 109
Dexrazoxane, 558
Diallyl
 disulfide, 792
 sulfide, 792
Dipyridamole, 60
Disease, 503
Disposition, 78
Disseminated, 161
DMBA, 199
DNA, 483
 binding, 636
 intercalator, 758
 non intercalator, 591
 topoisomerase I, 851
Docetaxel, 398, 660, 890

Dolastatin 10, 344
Dosage, 535
Double-Blind Trial, 3
Doxorubicin, 281, 321, 558, 596
Drug(s)
 anticancer, 105
 delivery, 213, 507
 new, 363
 resistance, 266, 415, 604, 838
 screening, 331

Efficacy, 351
Endothelial Cells, 851
Epirubicin, 469
Estrogen Receptor-Positive, 288
Etoposide, 402
Excretion, 78
Exposure, 105
Ex Vivo Assay, 678
Eye, 805

Fibrosarcoma, 785
Flavone Acetic Acid, 281
Fluorouracil
 -5, 35, 48, 100, 386, 507, 520, 548, 623, 728, 780
 -5 agent, 248
 -5 etoposide, 543
 -15, 728
Flow Cytometry, 591
Ftorafur, 728

Gastrointestinal
 cancer, 48
 toxicity, 548
Gel Filtration, 687
Gemcitabine, 351
Gene
 cleavage, 293
 therapy, 363
Genotoxicity, 710
Germ Cell
 neoplasms, 795
 tumor, 716
Gestational Trophoblastic Disease, 503
Glioma, 331
Glutathione, 476, 792
 -S-transferase, 792

- Glycoprotein-P, 60, 182, 257, 321, 568, 671, 678, 745, 825
- Glycosaminoglycan, 204
- Granulocyte Colony, 398
- stimulating factor, 43, 392
- Granulocyte-Macrophage Colony Stimulating Factor (Sargramostim), 402
- Granulocytopenia, 392
- Grb2, 815
- Green Tea Components, 461
- Growth Inhibitory Activity, 461
- Guanine Nucleotides, 93
- Hamster, 204
- Heat Shock, 838
- HeLa-S3 Cells, 469
- Hematologic
- effects, 109
- toxicity, 43
- Hepatic Enzyme Induction, 54
- Hepatocellular Carcinoma, 881
- High-Dose, 893
- HIV, 109
- HPCL, 687
- Hodgkin's lymphoma
- non, 344
- Hormone, 150
- Human
- lymphocytes, 514
- tumor cell lines, 461
- xenografts, 795
- Hypoxia, 586
- tumor Cell, 858
- Idarubicin, 774
- Ifosfamide, 893
- Immune Responsiveness, 785
- Infection, 392
- Interaction, 489
- Interferon, 35, 150, 307, 520
- α , 800
- α neuron-specific enolase, 175
- Interleukin
- 2, 386
- 12, 275
- Intoplicine, 166
- Intra-Abdominal
- demoplastic small cell tumor, 228
- pressure, 596
- Intracarotid Infusion, 213
- Intraperitoneal Chemotherapy, 596, 780
- Intratumoral
- distribution, 70
- injection, 220
- Intravesical Therapy, 507
- Iodecorythronitroimidazole, 858
- Irinotecan, 437
- Irradiation, 586, 660
- Isobologram, 493
- Isolation, 461
- Isoprenylation, 422
- Ivermectin, 745
- Karwinskia humboldtiana*, 710
- KW-2149, 586
- Late Relapse, 716
- Leiomyosarcoma, 885
- Leucovorin, 520, 623
- Leukemia, 293
- Leukemic Cells, 671
- Levofolinic Acid, 386
- Lewis Lung, 339
- Liarozole, 312
- Lidocaine, 846
- Liver, 703
- toxicity, 846
- Lovo, 307
- Luciferase, 630
- Lycopene, 195
- Lymphocytes, 299
- Lymphokine-Activated Killer Cells, 766
- Malignant, 161
- lymphoma, 392
- MAP Kinase, 422
- Maximum Tolerated Dose, 105
- MDR Reversal, 738
- MDR1 Expression, 738
- Mechanism Of Action, 531
- Medullary Carcinoma, 321
- Medulloblastoma, 121
- Mefloquine, 60
- MEGX, 846
- Melanoma, 161, 493, 604
- B16, 281
- modulation, 604
- Metabolism, 78
- Metalloproteinase Inhibitors, 363
- Metastasis, 307, 339
- residual, 697
- Methylprednisolone, 535, 734
- Metoclopramide, 483, 734
- Mice, 78, 195, 437, 703
- nude, 321, 489, 795
- Microspheres, 220, 780
- Mifepristone, 671
- Misonidazole, 858
- Mitomycin C, 469
- Modulation, 100, 604
- Molecular Modeling, 636
- Monoterpene, 422
- Morphometry, 579
- Mouthwash, 235
- MTT, 331
- Multicellular Tumor Spheroid, 660
- Multidrug Resistance, 60, 182, 257, 281, 430, 568, 671, 678, 687, 738, 745, 825
- Multiple Myeloma, 392
- Murine, 299
- NAD Kinase, 93
- Natural Killer Cell Stimulatory Factor, 275
- Neovascularization, 339
- Nephrotoxicity, 792
- Neural Cell Adhesion Molecule, 766
- Neuroblastoma, 766
- Nicotinamide Riboside, 93
- Novel, 548
- NSC 645008, 166
- NSCLC, 351, 363
- Nucleosides, 873
- Ocular Trauma, 805
- Oil Suspension, 240
- O⁶-Methylguanine-DNA Methyltransferase, 703
- Ondansetron, 734
- Oral, 548
- Osteosarcoma, 489
- Ototoxicity, 525
- Oxaliplatin Derivative, 248
- Paclitaxel, 493, 503, 642, 655, 660, 716, 885
- Taxol[®], 78, 161, 181, 531
- Pain, 3
- nociceptive, 3
- neuropathic, 3
- Palate, 204
- PCR, 833
- Pharmacokinetics, 166, 437, 596, 881, 893
- Phase
- I, 166
- II trial, 890
- trial, 402
- Phenobarbital, 893
- Physicochemical Property, 248
- Piroxantrone, 527
- Plasma, 678
- Platinum, 752
- Polyethylene Glycol, 642
- Poly(Oxyethylene), 87
- Polyamine, 114
- putrescine, 866
- Preactivated Merocyanine 540, 293
- Preoperative, 137
- Prodrug, 642
- Proliferation, 70
- Prostate Cells, 312
- Protease, 235
- Protein-Conjugated Doxorubicin, 687
- Protein Kinase, 299
- PSC833, 60, 825
- Pulmonary Metastasis, 885
- Purine Synthesis Inhibitors, 613
- Putrescine, 114
- Quinazoline Antifolate, 752
- Radiation, 182, 339
- therapy, 363
- Radiosensitizer, 858
- Ras, 422
- Rat Hepatoma, 687
- Rectal Carcinoma, 728
- Resistance, 150, 703
- modifiers, 430
- Retinoids, 774
- Reversal Agents, 833
- Rhamnaceae Plants, 710
- Rhodium Complexes, 87
- RP 60475, 166
- Ruthenium, 697
- determination, 697
- S-1, 548
- S9788, 321
- Safety, 351
- Salvage Treatment, 716
- SCCVII, 339
- SDZ PSC 833, 257, 568, 745
- Sensitivity, 105, 150
- Side Effects, 805
- Single Agent, 137, 890
- Sister Chromatid Exchanges, 514
- Sodium Valproate, 766
- Spermidine, 114, 866
- Spermine, 114, 866
- Spleen, 299
- Squamous Cell Carcinoma, 800
- Stability, 189
- Steroid Treatment, 805
- Stomatitis, 235
- Storage-Phosphor Autoradiography, 507
- Stress Response, 838
- Substituted Phenylacetic Acids, 288
- Sulforhodamine B, 331, 660
- Superoxide Dismutase, 235
- Synergism, 469
- T-514, 710
- T Cell, 195
- Tamoxifen, 307
- Tegafur, 548, 728
- Thalidomide, 339

- Therapeutic Adhesive, 507
- 2-Thiohydantoins, 873
- Thymidine Kinase, 199
- Thymidylate
 - synthase Inhibitors, 623
 - synthetase, 199
- Thymosin, 312
- Thyroid, 321
- Tiapamil Analogs, 430
- Tiazofurin, 93
- Tissue Regeneration, 579
- Topoisomerase
 - I, 531, 758
 - I inhibitors, 623, 636
 - II, 293, 558
 - II inhibitors, 636
- Topotecan, 410
- Toxicity, 121, 780
 - acute, 240
 - gastrointestinal, 548
- Transfection, 266
- Transplatin, 476
- Treatment, 161
- Tumor(s)
 - bearing mice, 823, 825
 - ascitic, 87
 - carcinoid, 175
 - mammary, 195, 199
 - necrosis factor α , 281
 - oxygenation, 339
 - Type 2, 105
- Tyrosine Kinase Inhibition, 815
- UFT, 199, 881
- Uptake Kinetics, 579
- Uracil, 728
- Uterus, 885
- Vascularization, 70
- Verapamil, 430
- Vinblastine, 60, 805
- Vincristine, 525
- Vinorelbine, 161, 213
- Vitamins, 204
- Vomiting, 734
- Wakayin, 758
- WR-2721, 795
- XTT Tetrazolium Salt, 469