

Antineoplastics/Anticancer Drugs

Antimetabolites

- Inhibitors of Thymidylate Synthase
 - 5-Fluorouracil
 - Capecitabine
 - Pemetrexed
- Inhibitors of Purine Metabolism
 - 6-Mercaptopurine
 - Azathioprine
 - Pentostatin
- Inhibitors of Ribonucleotide Reductase
 - Hydroxyurea
- Purine & Pyrimidine Analogues Incorporated into DNA
 - 6-Thioguanine
 - Fludarabine phosphate
 - Cladribine
 - Cytarabine (araC)
 - Azacytidine
 - Gemcitabine
- Inhibitor of Folic Acid
 - Methotrexate

Alkylating Agents

- Altretamine
- Busulfan
- Carmustine
- Chlorambucil
- Cyclophosphamide
- Dacarbazine
- Estramustine
- Ifosfamide
- Lomustine
- Mechlorethamine
- Melphalan
- Procarbazine
- Semustine
- Streptozocin
- Temozolomide
- Platinum Complexes
 - Cisplatin
 - Carboplatin
 - Oxaliplatin

Microtubule Inhibitors

- Agents that Inhibit Microtubule Polymerization
 - Vinblastine
 - Vincristine
 - Vinorelbine
- Agents that Inhibit Microtubule Depolymerization
 - Docetaxel
 - Paclitaxel

Monoclonal Antibodies

- Tumor-specific Monoclonal Antibodies & Other Recombinant Proteins
 - Rituximab (α -CD20)
 - Tositumomab (α -CD20 – I¹³¹)
 - Ibritumomab (α -CD20 – In¹¹¹)
 - Alemtuzumab (α -CD52)
 - Denileukin diftitox (α -CD25)
 - Gemtuzumab (α -CD33)
- Epidermal Growth Factor Receptor (EGFR) Antagonist
 - Cetuximab (α -EGFR1)
 - Trastuzumab (α -EGFR2)
- Angiogenesis Inhibitors
 - Bevacizumab (α -VEGF)

Tyrosine Kinase Inhibitors

- BCR-ABL/C-KIT/PDGFR Inhibitors
 - Imatinib mesylate
 - Dasatinib
 - Nilotinib
- Inhibitors of RAS/MAP Kinase Pathways
 - Sorafenib
- Epidermal Growth Factor Receptor (EGFR) Antagonists
 - Gefinitib
 - Erlotinib
 - Lapatinib
- Angiogenesis Inhibitors
 - Sunitinib

Others

- Differentiating Agents
 - Tretinoin
- Biological Response Modifiers
 - Interferons
- Toxin Conjugates
- Proteasome Inhibitors
 - Bortezomib
- Angiogenesis Inhibitors/Immunomodulatory Drugs
 - Thalidomide
 - Lenalidomide
- mTOR inhibitors
 - Rapamycin (sirolimus)
 - Temsirolimus
 - Everolimus (investigational)
- Antibiotics
 - Agents that Directly Modify DNA Structure
 - Bleomycin
 - Topoisomerase Inhibitors
 - Dactinomycin
 - Daunorubicin
 - Doxorubicin (Adriamycin)
 - Epirubicin
 - Idarubicin
 - Irinotecan
 - Topotecan
 - Etoposide
 - Teniposide
 - Amsacrin
- Steroid Hormones & Their Antagonists
 - Aminoglutethimide
 - Anastrozole
 - Bicalutamide
 - Estrogens
 - Exemestane
 - Flutamide
 - Goserelin
 - Letrozole
 - Leuprolide
 - Megestrol Acetate
 - Nilutamide
 - Prednisone
 - Raloxifene
 - Tamoxifen
 - Toremifene
- Asparaginase