

## **Chemotherapeutics/Chemical High Hazards Commonly Used in Augusta University Animal Research**

(Use of any chemical on this list will require implementation of the safe handling procedure for high hazard chemicals; namely, labeling of room or lab where the chemical is being used, preparing stock solution and injection in animals in a chemical fume hood or a ducted biosafety cabinet and segregation and collection of solid waste laced with chemical in a yellow bag or sharps)

1,3-Dimethylbutylamine (DMBA)	Hydroxyurea
1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)	Imatinib
4-Hydroxytamoxifen (4-OHT)	Imiquimod
5-Azacytidin	Lortadine
5-Fluorouracil (5-FU)	Melphalan
7,1 2-Dimethylbenz(a)anthracene	Metformin
Abiraterone	Methamphetamine
Amphetamine	Methotrexate (MTX)
Auranofin	N-[3-[[5-chloro-4-(1H-indol-3-yl)-2-pyrimidinyl]amino]phenyl]-4-[[[(2E)-4-(dimethylamino)-1-oxo-2-buten-1-yl]amino]-benzamide (THZ1)
Azoxymethane	Nanoparticles - Various
Benserazide (PB-04)	N-hydroxy-N'-phenyl-octanediamide or Suberylanilide hydroxamic acid (SAHA)
Benzo[a]pyrene (B[a]P)	Nicardipine
Bortezomib	Oxaliplatin
Bromodeoxyuridine (BrdU)	Paclitaxel (PTX)
Busulfan	Paramethoxyamphetamine (PMA)
Cabazitaxel	Parlodel
Chlopyrifos	Rapamycin
Cisplatin	Salubrinal
Cuprizone	Selumetinib
Cyclophosphamide	Sorafenib
Diazinon	Streptozotocin (STZ)
Diethylnitrosoamine (DEN)	Tamoxifen (TMX)
Diisopropylfluorophosphate (DFP)	Temozolomide (TMZ)
Dilazep exploratory agents	Tetrahydrouridine
Di-n-octylphthalate (DNOP)	Tributyl S,S,S,-phosphorotrithioate (Tribufos, DEF)
DMBA/TPA	Urethane
Docetaxel (DTX or DXL)	Vorinostat
Doxorubicin	
Enzalutamide	
Eptifibatide	
Etoposide	
Gemcitabine	