Pharmacodynamic Core

As an extension of the efforts of the Comparative Oncology Program's in house "tool kit" the Comparative Oncology Trials Consortium Pharmacodynamic (COTC PD) Core was developed. This multidisciplinary effort operates as a laboratory with "virtual walls" consisting of services provided by investigators who have competed for the opportunity to contribute to the assay/procedure service catalog of the Core. The service catalog includes a list of assays, associated costs, and validation (for canine tissues) of each service item. The COTC PD CORE is meant to facilitate early discussions with COTC trial sponsors (pharmaceutical companies) by providing the infrastructure for rapid implementation of preclinical studies needed to initiate a COTC study and then seamlessly support the clinical pharmacodynamic and biological endpoints of COTC trials. Services provided by the COTC PD Core include:

- pathology
- immunohistochemistry
- immunocytochemistry
- flow cytometry
- genomics
- proteomics
- pharmacokinetics
- cell biology

Recent publication describing the COTC Pharmacodynamic Core