Large Animal Clinical Pharmacology

Research emphasis:
Dr. Davis' laboratory specializes in pharmacokinetics and pharmacodynamics of drugs in large animals, with an emphasis on horses. Particular areas of interest include antibiotics and analgesic drugs in horses as well as residue determinations in food producing animals.

Application:
- Clinical Pharmacology
- Pharmacokinetics
- Pharmacodynamics
- Drug residues

Collaboration potential:
- HPLC, UPLC, UPLC/MS and UPLC/MS-MS for drug concentration determination
- Pharmacokinetic and pharmacodynamic analysis
- Population pharmacokinetic studies

Selected publications: (limit 4)


