Pharmacokinetic Evaluation and Antibody-Mediated Diseases

Research emphasis:
Dr. Stafford’s main research interests include pharmacokinetic evaluation in food animals and assessment of the prevalence of NMDA antibodies in dogs. As a pharmacist, Dr. Stafford is passionate about comparative medicine and collaborating with other healthcare professionals in both the veterinary and human field(s). To strengthen clinical skills, Dr. Stafford also works as a Clinical Pharmacist at a retail pharmacy in the Raleigh, NC area.

Applications:
- Pharmacokinetic Studies
- Anti-NMDA Encephalitis Translational Models
- One Health Initiative

Research Strengths:
- Assay development (UPLC-MS, UPLC-MS:MS, HPLC)
- Indirect immunofluorescence assay

Selected Publications:


Adrian DE, Papich MG, Baynes RE, **Stafford EG**, Lascelles BDX. The pharmacokinetic of gabapentin in cats following three routes of administration. Manuscript accepted for publication.
