The MSU In Vivo Facility is ideally equipped to assist with your antimicrobial preclinical needs.

Testing anti-infective therapeutics in animal models requires specialized laboratories with highly skilled researchers familiar with each organism and endpoint. The In Vivo Facility combines the expertise of industry trained scientists, a world class research facility, and access to leading academic research scientists in the field of microbiology. We are able to assist all related sectors of the industry in the development of anti-infective therapeutics. Our scientists have successfully validated difficult model systems and have the ability to tailor models and services to accommodate individual client needs.

The In Vivo Facility has built a comprehensive list of discovery and development services to meet our clients’ objectives. This includes work with bacterial, fungal, and parasitic pathogens in a variety of models. Viral models are currently under development.

Please speak to us for more information, or for a personalized consultation to meet your project needs.

- **Models Currently Available**
  - Pneumonia in Rodents and Large Animals
  - Soft Tissue/Thigh Abscess
  - Sepsis/Peritonitis
  - Bacteremia
  - Skin Infections
  - *Clostridium difficile* colitis
  - Osteomyelitis

- **Services Offered**
  - Pharmacokinetic/Pharmacodynamic Studies
  - Screening Studies
  - Efficacy Studies
  - New Model Development
  - Customization of Existing Models