



TEXAS BIOMEDICAL  
RESEARCH INSTITUTE  
HEALTH STARTS WITH SCIENCE

# HEALTH STARTS WITH SCIENCE

**Pioneering and sharing scientific breakthroughs that will protect our global community from the threat of infectious diseases.**

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APPLIED SCIENCE AND INNOVATION

[txbiomed.org/applied-science-and-innovation](http://txbiomed.org/applied-science-and-innovation)

# APPLIED SCIENCE AND INNOVATION



## RESEARCH CAPABILITIES

- Research partnerships
- Emerging infectious diseases (SARS, SARS-CoV-2, Zika)
- Leading infectious diseases (HIV, TB, Malaria)
- Hemorrhagic fever viruses (Ebola, Marburg, Lassa)
- Aging and development
- Neurological disorders
- [Host-Pathogen Interactions](#)
- [Disease Intervention](#)
- [Population Health](#)



## SERVICES

- Contract research organization
- Academic research and development study design and management
- In vitro/in vivo diagnostic, therapeutic, and vaccine development
- Efficacy/safety testing
- Molecular/cellular assays
- [Disease model expertise](#)
- [Scientific publications](#)
- Grant support



## RESOURCES

- High containment ABSL 3 and ABSL 4 biomedical research laboratories
- Select agent registration
- [Southwest National Primate Research Center](#)
- Multi-species vivarium (mouse, rat, hamster, guinea pig, rabbits, ferrets)
- Positron emission tomography-computed tomography (PET/CT)
- In vivo imaging systems (IVIS)
- Veterinary pathologists for histology scoring
- [Preclinical research reagent sharing portal](#)
- [Biomedical research cores: biology, molecular, and microscopy](#)

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## CONTACTS



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*“For over 80 years we have been leaders in science that spans bench to bedside. We pride ourselves on the quality of our work, and the speed at which we deliver results.” – Dr. Cory Hallam*

For more information please visit: [txbiomed.org/applied-science-and-innovation](https://txbiomed.org/applied-science-and-innovation)