



**TEXAS BIOMEDICAL
RESEARCH INSTITUTE**
HEALTH STARTS WITH SCIENCE

Science that Delivers

R&D PARTNERSHIP

There is a reason Texas Biomed is at the forefront of supporting the most advanced companies in the world when it comes to combating infectious diseases and pandemics from COVID-19 to tuberculosis. Our scientific depth includes immunology, pathology, virology, PET/CT imaging, and genetic sequencing to ensure we propagate test virus without deletions.

Our current partners span a portfolio from young aggressive companies involved in novel diagnostic, technological and therapeutic creation all the way up to Fortune 500 companies currently participating in COVID-19's Operation Warp Speed vaccine development programs. Conducting quality science in a timely manner is key to getting your therapies and vaccines to market, and Texas Biomed is here to partner.

ABOUT US

Texas Biomedical Research Institute pioneers and shares scientific breakthroughs that protect you, your families and our global community from the threat of infectious diseases. Texas Biomed is the only independent, not-for-profit, research institute with its collective resources in high containment and animal science coupled with a strong history of collaborating with global partners and contributing to the world of science and human health for 80 years. Our partnerships continue to expand worldwide to deliver new diagnostics, treatments and cures through our preclinical research and development programs.

CAPABILITIES & RESOURCES

Biosafety Level (BSL)-3 and BSL-4 facilities with laboratory capacity to perform *in vitro* experiments (virology, immunology, molecular genetics, cellular biology, biochemistry, computational biology) and *in vivo* studies (therapeutic/vaccine efficacy, pathogenesis and survival) with imaging.

Standard operating procedures and protocols for biochemical, immunological and metabolism assays, deep sequencing, neutralization assays, determining bacterial and viral load.

Equipped facilities including: aerobiology instrumentation, telemetry, clinical pathology instrumentation, flow cytometry, PET-CT scan, live-imaging, and single-cell sequencing among others.

Active programs with NIH/DOD/BARDA/MCS, commercial and international partners and participation on WHO and FDA ACTIV committees.

Studies adhering to robust quality standards to support regulatory filings with the FDA and other regulatory agencies with on site QA.