

TEXAS BIOTECHNOLOGY & LIFE SCIENCES INDUSTRY

Baylor College of Medicine
Houston, Texas

Texas Economic Development & Tourism | Office of Governor Greg Abbott

Texas is one of the country's leading hubs for biotechnology and life sciences thanks to a multitude of factors, including our world-class institutions, professional talent and focus on innovation. The Lone Star State is home to the headquarters for top Fortune 500 companies in this sector, including McKesson, Tenet Healthcare and Kimberly-Clark, as well as thousands of other life science and research firms and a robust and growing workforce across the state. Global industry leaders such as Galderma, Novartis, Abbott, AbbVie, Lonza, Johnson & Johnson and Merck all have significant operations in the state.

For decades, Texas has been an epicenter for groundbreaking medical research, with a robust network of academic and research institutions, including seven of the nation's top 125 medical schools and more than \$6.8 billion in total annual research and development expenditures. The Texas Medical Center (TMC) in Houston is the largest medical complex in the world. Already a research mega-site, TMC is partnering with three state universities to develop a state-of-the-art research collaborative campus called TMC3, which will help keep Texas on the cutting edge of discovery and innovation in medicine.

By cultivating a premier environment for scientific advancements, Texas has become a leader in pharmaceuticals, animal and agricultural biotech, medical device manufacturing, cancer research, biomedicine and more. Texas' emphasis on innovation and industry collaborations have created a climate where biotech and life science firms can flourish well into the future.



EXCEPTIONAL TALENT POOL:

Texas is home to one of the largest clusters of life science and biotech professionals in the country. Texas can readily supply life science companies with a highly skilled, diverse pool of talent, generating more than 18,000 industry-related graduates annually.



EXPANDING MEDICAL SCHOOL SYSTEMS:

Texas is already home to 15 medical universities, seven of which rank among the nation's top 125 medical schools, and this prestigious higher education network continues to expand.



TOP-TIER FOR BIOTECH-RELATED DOCTORATES:

Our state continues to churn out some of the nation's top scientists—more than 970 biotech-related doctorates each year. Texas is #1 in the country for agricultural science and natural resources doctorates, #1 for health science doctorates, #2 for biomedical/bioengineering doctorates and #3 for life science doctorates.



ATTRACTING PROMINENT RESEARCHERS:

The Governor's University Research Initiative (GURI) was created by the State of Texas to bring the best and brightest researchers in the world to the state. The grant program assists eligible institutions of higher education in recruiting Nobel Laureates and other distinguished researchers to their campus in the fields of science, technology, engineering, mathematics and medicine.



RESEARCH & DEVELOPMENT HUB:

Research and development (R&D) is the lifeblood of the biotech industry in Texas. The state has more than 2,000 biotechnology-related R&D firms, and ranks #2 nationally for number of clinical trials—nearly 13,500 completed between 2015 and 2022, plus more underway.

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TEXAS' TOP RANKINGS FOR BIOTECH WORKERS ⁽²⁰²¹⁾

#1	Chemical Engineers
#1	Veterinary Technologists & Technicians
#2	Clinical Laboratory Technologists & Technicians
#3	Bioengineers & Biomedical Engineers
#3	Ophthalmic Medical Technicians



Texas Medical Center in Houston is the world's largest medical complex.



THERE ARE MORE THAN 14,200 HIGHLY SKILLED WORKERS IN THE MEDICAL DEVICE SECTOR.



MD ANDERSON IS CONSIDERED THE #1 FACILITY FOR CANCER CARE IN THE NATION.



THE TEXAS MEDICAL CENTER CONDUCTS MORE CLINICAL TRIALS THAN ANY OTHER SINGLE SITE IN THE WORLD.



TEXAS IS HOME TO THE LARGEST MILITARY MEDICAL COMPLEX IN THE NATION.

RACING TOWARDS A CURE FOR CANCER:

The State of Texas is leading an unprecedented fight against cancer. Texans voted to create the Cancer Prevention and Research Institute of Texas (CPRIT), which is the largest taxpayer-funded cancer research organization in the country, with more than \$6 billion dedicated to research grants. There are also four NCI-Designated Cancer Centers in Texas, including the University of Texas MD Anderson Cancer Center, which ranks #1 for cancer care in the nation. Not to mention, MD Anderson launched a joint venture, the Cell Therapy Manufacturing Center based at TMC, to accelerate the development and manufacturing of innovative cell therapies for patients with cancer.

SOLVING GLOBAL ISSUES:

Texas is stepping up to the challenge when it comes to battling ongoing global health crises. The Texas A&M University System and its subcontractor, Fujifilm Diosynth Biotechnologies in College Station, were tagged by the U.S. government to mass-produce a COVID-19 vaccine. In San Antonio, the Texas Biomedical Research Institute is developing vaccines and treatments against infectious diseases. The department's facilities include the nation's only privately owned biosafety level four (BSL-4) maximum containment laboratory.

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OFFICE OF THE GOVERNOR TEXAS ECONOMIC DEVELOPMENT & TOURISM

Texas Economic Development & Tourism (EDT) serves as the state's leading economic development organization marketing Texas as the world's premier business investment destination. The division pursues business expansion and relocation prospects, with the goal of developing job creation and export opportunities for the Texas business community.

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