

Chronic Disease Day Sheds Light on Patient Treatment Access



Rep. Beth Van Duyne, Congresswomen, 24th Congressional District of Texas

This week, BioNTX proudly joined Good Days; a NTX based national, non-profit advocacy organization that provides patient assistance and financial resources for life-saving and life-extending treatments, in raising awareness and celebrating Chronic Disease Day.

July 10th was chosen to mark that chronic diseases account for 7 of the top 10 causes of death in America and more than 90% of annual healthcare spending.

By promoting actionable resources to lower the rate of preventable chronic diseases so that our healthcare system can better support those with unpreventable chronic conditions and invisible illnesses, Good Days is making a meaningful impact in our communities every day. *Thank you Good Days!*

[Learn more about Chronic Disease Day](#)



Historic FDA Clearance Shows Now is the Time to End Opioid Addiction



Spark Biomedical, Inc., a leading innovator in wearable neurostimulation development, is proud to announce that its next-generation, groundbreaking product, Sparrow Ascent, has received clearance from the FDA. Sparrow Ascent is a wearable neurostimulation device designed to provide safe, comfortable, drug-free relief for individuals experiencing opioid withdrawal symptoms.

[Read full press release](#)

Renibus Announces FDA Breakthrough



Renibus Therapeutics, Inc., a clinical-stage biopharmaceutical company focusing on the prevention and treatment of cardio-renal diseases, today announced that the U.S. Food and Drug Administration (FDA) has granted Breakthrough Therapy designation to RBT-1 for the reduction in risk of post-operative complications in patients undergoing cardiothoracic surgery, and confirmed its alignment with the Company's planned Phase 3 pivotal trial.

[Read full press release](#)

Trends in the Approval of Cancer Therapies by the FDA in the 21st Century



The cancer treatment landscape has changed dramatically since the turn of the century, resulting in substantial improvements in outcomes for patients.

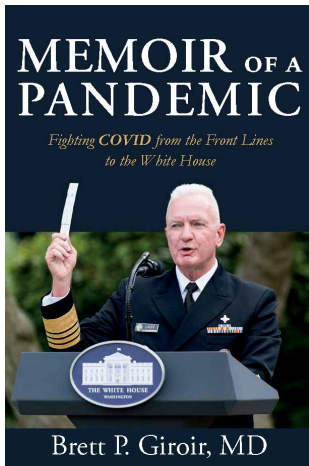
Notably, the rate of oncology indication approvals has increased in this time, driven by approvals for targeted therapies, as has the rate of introduction of new therapeutic

approaches. Kinase inhibitors are the dominant product class by number of approved products and indications, yet immune checkpoint inhibitors have the second most approvals despite not entering the market until 2011. Other trends include a slight increase in the share of approvals for biomarker-defined populations and the emergence of tumour-site-agnostic approvals.

[Read full press release](#)

Join BioNTX for an Exclusive Social Event with Admiral Brett Giroir, MD

BIONTX



Dear BioNTX Member,

We are excited to invite you to an exclusive event featuring medical expert Admiral Brett Giroir, MD on Thursday, July 27th from 5:00 PM to 7:00 PM. This members-only event will provide valuable insights on COVID-19 and offer networking opportunities with other BioNTX members. Additionally, you will have the opportunity to get your copy of the Memoir of a Pandemic book signed by Dr. Giroir himself.

Limited spaces are available, so we encourage you to RSVP soon to secure your spot.

We hope to see you there!

[Contact us to learn more](#)

Macrocyclics: The Original Dallas Biotech



The brainchild of one of The University of Texas at Dallas' most distinguished chemistry professors has been a profitable business since its founding in 1995, with global reach that produces specialized chemical compounds for the pharmaceutical industry and researchers worldwide. The Plano, Texas, company – Macrocylics Inc. – has remained a catalyst for innovation while employing UT Dallas alumni and providing hands-on training to students.

Public investment in university research benefits not only the shareholders but also society. By fueling economic development and by enabling scientists to continue pushing boundaries, that investment yields discoveries that change the world. UT Dallas' first startup company – Macrocylics – illustrates this transformative impact.

[Learn more about Macrocylics](#)

Mental Mapping Technique May Prove Key to Preventing Alzheimer's



THE UNIVERSITY
OF TEXAS AT DALLAS



(from left to right) May Yuan, PhD and Kristen Kennedy, PhD, MS

Two University of Texas at Dallas researchers — Dr. May Yuan, a geographer and Dr. Kristen Kennedy, a neuroscientist — recently teamed up to investigate whether frequent use of the spatial navigation region of the brain might help fend off the onset of Alzheimer's disease, a form of dementia that affects nearly 6 million Americans.

“Geospatial information science involves technology that helps people navigate,” Yuan said. “Given that those parts of the brain deal with recognizing places, environments and the routes we take every day and are linked to early Alzheimer's, I began to wonder what would happen if we exercised those brain regions more.”

The researchers said that if their theory holds up, then cognitive map building might serve as an intervention to dementia or Alzheimer's and could lead to redesign of GPS navigation systems to drive cognitive map building, instead of simply following the blue dot.

[Read full press release](#)

UT Tyler Professor Develops Novel Treatment Protocol for Mycobacterial Lung Disease



Shashikant Srivastava, PhD

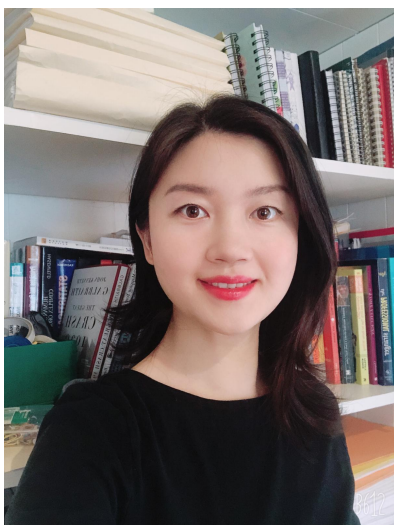
[Read full press release](#)

Dr. Shashikant Srivastava, a University of Texas at Tyler School of Medicine associate professor, advanced an oral antibiotic for the treatment of Mycobacterium abscessus lung disease.

The bacteria, Mycobacterium abscessus, belongs to group of nontuberculous mycobacteria and is naturally resistant to many antibiotics. Current treatment including injectable drugs is associated with adverse side effects and therapy can last from months to years.

Dr. Srivastava, working with a team of researchers, is exploring omadacycline as a possible treatment option for Mycobacterium abscessus lung disease. Their model predicted omadacycline dose in combination with other drugs could potentially cure over 90% of patients, even patients who had previously failed standard treatments, and cause no severe side effects.

Baylor Scientists are Studying Imprisoned Mothers and Children's Risk Behaviors



Qianwei Zhao, PhD

[Read full press release](#)

Maternal incarceration is a risk factor for adolescents' depression and withdrawal, as well as substance abuse and delinquency. However, little work has been done to understand how it affects sleep patterns, dietary behaviors and physical activity. Because the detrimental effects related to sleep, diet and exercise can be modified, understanding the prevalence of these health risk behaviors is essential to disease prevention in adulthood.

Qianwei Zhao, Ph.D., assistant professor and co-director of the Baylor IMPACT Lab at the Diana R. Garland School of Social Work at Baylor University, led a team of researchers to study this issue.

"It is important to explore policies and programs that can reduce the impact of structural and systemic factors on adolescents with incarcerated mothers, thereby improving healthy youth development," Zhao said.

TTU Continues Tradition of Funding Innovation in North Texas



TEXAS TECH
UNIVERSITY.

With more support from the state, the future is bright for Texas Tech University and the TTU System.

“Over the past five years, federal awards to Texas Tech have increased by 78%, and last year we exceeded \$200 million in total research expenditures for the first time in our history,” said Vice President for Research and Innovation Joseph Heppert.

Since 2001, state funding to enhance research activities at Texas Tech has included the Research Development Fund (RDF), the Competitive Knowledge Fund, the National Research University Fund (NRUF), the Texas Research Incentive Program (TRIP) and the Core Research Support Fund (CRSF).

“Texas Tech University's future is bright as a leading research institution, and we look forward to the establishment of the Texas University Fund to provide financial support in perpetuity to further grow research expenditures and scientific doctoral programs at our system's flagship institution,” said Tedd L. Mitchell, M.D., chancellor of the TTU System.

[Read full press release](#)

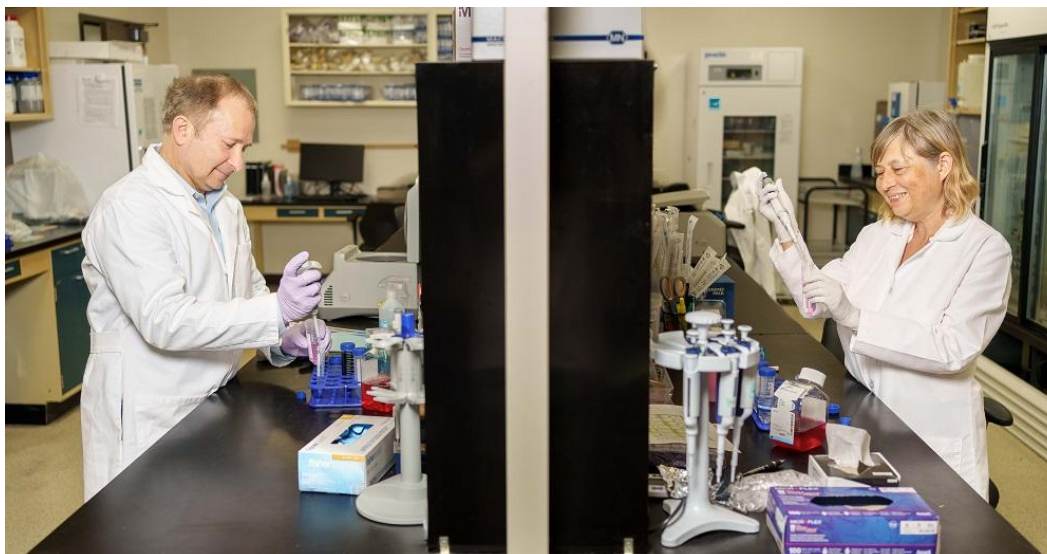
TTU Collaboration Yields Answers in Deadly Infectious Disease



TEXAS TECH
UNIVERSITY.



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™



(from left to right) Andrey Karamyshev, PhD, from the Texas Tech University Health Sciences Center (TTUHSC) and Zemfira Karamysheva, PhD, from Texas Tech University (TTU)

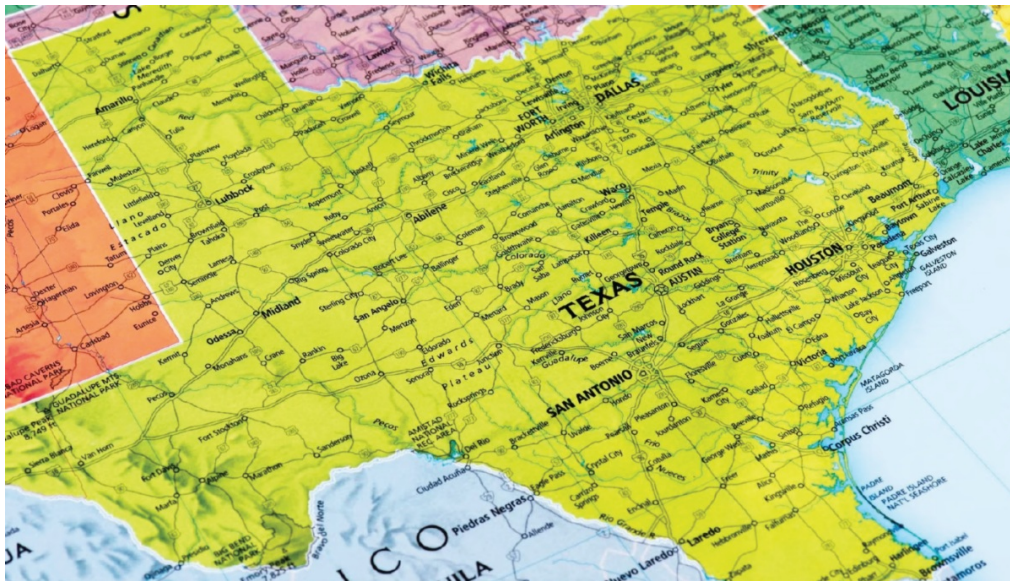
Leishmaniasis is a zoonotic disease, which means it affects not only humans, but also other animals such as dogs, horses, rodents, armadillos and many others. It can appear in

several forms, depending on the strain of the host's immune system. Those infected with cutaneous leishmaniasis experience painful skin ulcers, while those who contract mucocutaneous leishmaniasis develop sores and damaged tissue in the mouth, on the lips or in the mucous membranes of the nose.

Texas Tech University is home to world-class biomedical research as well as a renowned animal research and veterinary medicine institution.

[Read full press release](#)

Texas Touts Best Business Climate for Relocation and Expansion



Texas ranks as the state with the best business climate for companies looking to relocate or expand, according to a trade publication that reports on the site selection industry.

In 2022, Texas attracted more than 1,000 projects, representing \$44.75 billion in capital investment and creating more than 35,000 jobs. Texas also scored well for its diversity of industries, infrastructure and business-friendly regulatory and tax climate.

[Learn more here](#)

BioNTX Announces Businesswire Partnership

BioNTX is your source for the latest breaking news from the biotech, medtech, clinical research, pharmaceuticals and biomanufacturing industries.



[Click here to see BioNTX's new feature](#)

Why the Nation's Wealth is Moving to Texas



For the first time, six fast-growing states in the South — Texas, Florida, Georgia, the Carolinas and Tennessee — are contributing more to the national GDP than the Northeast, with its Washington-New York-Boston corridor, in government figures going back to the 1990s. The switch happened during the pandemic and shows no signs of reverting.

The Southeast accounted for more than two-thirds of all job growth across the U.S. since early 2020, almost doubling its pre-pandemic share. And it was home to 10 of the 15 fastest-growing American large cities.

“You could throw a dart anywhere at a map of the South and hit somewhere booming,” said Mark Vitner, a retired longtime economist for Wells Fargo who now heads his own economic consultancy, Piedmont Crescent Capital, in Charlotte, N.C. And no one beats Fort Worth, the country’s fastest-growing big city in the latest Census Bureau data.

[Learn more here](#)

DFW Airport Leading Texas Sustainability Joins World Economic Forum

CEIV Pharma
Community



DFW, certified in excellence to support our industry, is a leader in sustainability, with plans to become net-zero carbon by 2030 – 20 years ahead of the global industry goal.

Now, by joining with the World Economic Forum, DFW will use its experience and knowledge in this area to help support other airports of tomorrow.

Thank you DFW for your amazing leadership!

[Read full press release](#)

Cost-Plus Partners with Posterity Health for

Digital Health Transformation



Mark Cuban Cost Plus Drug Company has announced a partnership with male fertility and sexual healthcare company Posterity Health to provide males access to medications to treat infertility, sexual dysfunction and low testosterone.

Posterity Health is a digital male fertility clinic providing access to reproductive urologists who diagnose and treat sexual health and male fertility issues. The company offers sperm cryopreservation, in-clinic or in-home fertility testing, vasectomy and vasectomy reversal.

[Read full press release](#)

Spark Biomedical Spin-out FiveLiters Tackles Bleeding Disorders



FiveLiters, a subsidiary of Spark Biomedical and Dallas-based wearable neuromodulation company, is embarking on a series of groundbreaking first-in-human studies to demonstrate the effectiveness of non-invasive, wearable neurostimulation in reducing blood loss.

This significant milestone is made possible through FiveLiters' collaboration with the Feinstein Institutes for Medical Research, marking the first translational step from their recently published Nature Communications study titled Vagus nerve stimulation primes platelets and reduces bleeding in hemophilia A male mice.

[Read full press release](#)



BioNTX Asks: What is Cyberbiosecurity?



In the world of startups and small businesses where data has become an organizational value and it is normal to have fractional IT support, it is the CEO's responsibility to be the Data Steward for their business.

Thank you Ishca Health for this informative White Paper.

[Are you and your company prepared? Learn more here](#)

Salarius' Phase 1 Refractory Lymphoma Trial

Receives FDA Green-light



Salariaus Pharmaceuticals, Inc., a clinical-stage biopharmaceutical company using protein inhibition and protein degradation to develop cancer therapies for patients in need of new treatment options, announces (FDA) clearance of the company's investigational new drug (IND) application to commence a Phase 1 clinical trial with SP-3164 in patients with relapsed/refractory non-Hodgkin lymphoma (NHL). Salariaus expects to begin treating patients in the dose-escalation portion of the trial in the second half of 2023 to evaluate safety, clinical activity, pharmacokinetics and pharmacodynamics.

"FDA clearance of the SP-3164 IND marks another significant milestone for Salariaus and demonstrates our continued focus and commitment to bringing new therapies to patients in need of new treatment options," said David Arthur, president and chief executive officer of Salariaus, "We now plan to enroll NHL patients in the dose-escalation portion of the clinical trial and will then focus on patients with diffuse large B-cell lymphoma (DLBCL) in the second portion of the trial."

[Read full press release](#)

UNTHSC To Host Expert Workforce Panel on Texas Life Sciences



Growing the life sciences industry has been critical for innovation and economic development in Texas. As a state and a region, Texas has done well to establish itself as one of the most attractive destinations for businesses and top-tier talent. Though how do we continue to grow and thrive in the long-run? What are the specific needs of the industry and of the region?

Regionally, these and other primary industry concerns are being tackled by the the Biotechnology and Healthcare Industry Alliance of North Texas (BHIANT); an entity with origins stemming from a federal EDA grant.

[Register now](#)

Calling All NTX Post Doc's & Graduate Students



Join BioNTX at their second annual Talent Network Meet & Greet and network with peers in the life science and healthcare innovation industry.

Connect with and build your community in Dallas and Fort Worth!



Register now - Fort Worth

Register now - Dallas

Thank you for your support!



Reveles & Alcanza to Expand Inclusive Research in Underrepresented Communities



Alcanza Clinical Research, mission-driven investigator site network, announced a strategic partnership with Reveles, a provider of equity-driven decentralized clinical trials.

The collaboration is designed to foster health equity through a focus on next-generation hybrid decentralized models. A range of decentralized tools and services, including in-home clinical trial support services, direct-to-patient shipping and technology that enable home-based participation will help lower the burden of clinical trial participation in traditionally underrepresented and marginalized communities.

Read full press release

BioNTX Tech Transfer Office Showcase

Now accepting applications until August 21, 2023



Texas academic institutions who have technologies available for licensing, collaboration and/or acquisition have the opportunity to pitch their best intellectual property to an audience of industry leaders and investors at BioNTX's [iC³ Life Science Summit!](#)

Application requirements

- Early-stage development and/or most promising intellectual property
- Recommended from their respective Tech Transfer Office (TTO)
- Non-confidential information only
- Each academic institution can submit up to 2 separate applications

Apply now!

Avantor Opens 'First-of-its-Kind' Lab Design Showroom in DFW



“We’ve created a space that supports innovation and functions as a showroom—it’s the first-of-its-kind for lab furniture in the Metroplex,” said Matthew Maybury, furniture specialist.

[Learn more about Avantor's new showroom](#)

High-Risk, High-Reward Research Accelerating in Texas

Applications closes August 11, 2023



Apply to TAMEST’s The Hill Prizes, funded by Lyda Hill Philanthropies, which will celebrate top Texas innovators and researchers whose work could significantly impact science and society in five categories: Medicine, Engineering, Biological Sciences, Physical Sciences and Technology.

Each of the five prize recipients will receive \$500,000 in funding from Lyda Hill Philanthropies to accelerate their work.

[Learn more about The Hill Prizes](#)

Apply for a Chance to Win a Golden Ticket at BioLabs

Applications due July 21, 2023



Apply to BioLabs’ Golden Ticket Contest, sponsored by Otsuka Pharmaceutical to win a Golden Ticket at a US BioLabs site.

Each Golden Ticket provides one year of fully paid individual bench space and membership at a fully equipped laboratory designed to accelerate early-stage startup working on research and development in Novel platform technologies for discovery of novel targets, improved drug discovery, tissue tropism, delivery of large molecules, or new pharmaceutical based therapeutic interventions. Therapeutics areas of strategic focus include Psychiatry, Neurology, Cardio-Renal and Immunology.

[Apply now](#)

Submit Your Abstracts for CPRIT's Innovations in Cancer Prevention & Research Conference VI

Abstracts due July 31, 2023



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Submit your abstracts to the Innovations in Cancer Prevention and Research Conference VI. Each accepted abstract will be presented as a poster during poster sessions to be held on each day of the conference with ample time for attendees to talk with presenters.

CPRIT's Innovations in Cancer Prevention and Research Conference VI will highlight the exceptional progress across cancer research, prevention, and product development at medical and academic research centers, in communities, and at companies around Texas. The conference will feature informative sessions on CPRIT-funded initiatives on computational biology and modeling for drug discovery, the use of artificial intelligence in imaging, the expansion of drug development resources and biomanufacturing facilities in Texas, and immunology and vaccine development in cancer.

[Submit your abstracts now](#)

HSC Next SBIR Phase 0 Program



The HSC Next SBIR Phase 0 Program provides innovative Tarrant County companies with one-on-one guidance, beginning with technology assessment. Select companies will enter a comprehensive one-month, cohort-based program that meets weekly and guides them through the grant writing processes. Additionally, participants receive one-on-one mentorship with SBIR experts that help founders fine-tune their proposals to increase the likelihood of receiving federal funding.

[Apply now](#)

Submit Your Application for 2024 NIIMBL eXperience

Abstracts due July 27, 2023



The NIIMBL eXperience program is an all-expenses paid biopharmaceutical manufacturing immersion program for university and community college students who have completed their first or second year of study. The NIIMBL eXperience program is specifically for Black, Latinx, or Indigenous students. Its purpose is to diversify the school to industry pipeline for the biopharma manufacturing industry. Through hands-on learning and personal interactions, student take away an understanding of how the industry

develops and manufacture life-saving medicines.

Apply now

Accepting Application for TechFW's Accelerator Program

Applications due September 5, 2023

TECHFVW

Apply to TechFW's Accelerator Program to get connected to resources you need to commercialize your technology. The cohort will begin tentatively on September 13.

Apply now

Save the Date! iC³ Life Science Summit

iC³ = Innovation x Capital x Collaboration x Commercialization

BIONTX

Please join BioNTX and network with us and the bioscience and healthcare innovation community. Texas industry leaders discuss business strategies, and the broad spectrum of Texas bioscience research in our growing ecosystem.

Register now

Reserve a hotel room for iC³


Thank you 2023 sponsors!





Learn more about our 2023 iC³ Life Science Summit

Upcoming Events & Opportunities in North Texas



Mentally Strong, Community Strong

Join us for a community celebration of Minority Mental Health Month!

July 15, 2023

[Learn more here](#)



2023 Central Region Meeting

Join AUTM to connect with technology transfer offices and professional development. Be immersed in thought-provoking presentations, trending topics and networking.

July 17 - 19, 2023

[Learn more here](#)



HBA & BioLabs Networking Mixer

Join BioLabs Pegasus Park for a networking mixer to learn more about HBA Dallas Fort Worth, BioLabs' resources for startup companies, and meet with industry professionals.

July 20, 2023

[Learn more here](#)



Tiki Tech Together Party

Join TechFW for a summer luau themed happy hour event to celebrate their entrepreneurial network.

July 25, 2023

[Learn more here](#)

Shaping Tomorrow's Innovators

Join UNTHSC to hear from industry experts discuss about how to fuel that growth with a dynamic workforce.

August 10, 2023

[Learn more here](#)

BioNTX works to build a strong bioscience and healthcare innovation community through collaborative peer to peer networking events and educational programming.

[Let us know about your event!](#)

[View the North Texas community calendar of events](#)

[Look at upcoming BioNTX events](#)



Happy Bastille Day!

BioNTX wishes you a very warm and happy Bastille Day!



July 14, 2023

<http://www.BioNTX.org> | 5000 Riverside Drive, Building 6, Suite 100E, Irving, TX 75039

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