

SingleCell Biotechnology Announces CPRIT Grant to Advance Cancer Assay Platform



Congratulations to SingleCell Biotechnology on being awarded a coveted CPRIT Grant to advance its drug development assays for Glioblastoma Multiforme (GBM) brain tumors.

The grant will allow the company to take a massive step toward commercializing their drug development assay platforms, reflecting a larger trend of CPRIT funding innovative North Texas life science companies.

Bryan Presley, President and COO, reflecting on the pivotal investment, commented that the award has been a long-time coming- and validates their scientific direction. With new capital secured, the company is confident in achieving their mission of providing a widely available drug development assay for therapeutics companies and researchers to solve complex health issues.

Congratulations SingleCell Biotechnology!

Eosera's Elyse Dickerson Forges a Legacy of Giving Back to Women Entrepreneurs, Named to 2023 Top Women in Health List

eosera®



On the heels of Eosera's hugely successful *EmpowHERment* Pitch Competition last week- which concluded with all three participating, women-led companies securing substantial prizes, Elyse Dickerson, CEO and Co-Founder of Eosera has been named a 2023's Top Women in Health, Wellness & Beauty.

No stranger to industry accolades, Dickerson has received a multitude of executive leadership honors that include EY's 2023 Entrepreneur of the Year Southwest Award, as well as consecutive placements on Inc. 5000's National List of fastest-growing private companies from 2021 to 2023.

Yet another testament to Dickerson's commitment to supporting North Texas women entrepreneurs and innovators; the annual *EmpowHERment* Pitch Competition showcases female-led companies in making a difference in our daily lives.



Learn about
EmpowHERment

See the 2023 Top Women in
Health

Fort Worth Inc. Honors Dr. Stella Robertson, North Texas Entrepreneurial Icon & Champion



Stella Robertson, PhD

Dr. Stella Robertson receives the prestigious 2023 Fort Worth Inc. Supporter of Entrepreneurship Award. This esteemed accolade is bestowed upon individuals who have demonstrated exceptional commitment to fostering the growth and success of the entrepreneur community in the Greater Fort Worth area. Dr. Robertson's unwavering support, whether through economic, academic, or business means, has significantly contributed to the flourishing entrepreneurial landscape in our region.

"I am truly honored to be able to give back to the next generation and work with amazingly smart, driven, innovative researchers as they develop their ideas into new medicines and disease treatments," Robertson says.

Most recently Dr. Robertson was the recipient of the prestigious BioNTX Dennis K. Stone Award, given to individuals who have positively affected the North Texas biotechnology industry and contributed to increasing awareness and funding in life sciences and research.

[Read full press release](#)

Clear Signals: Bridge Labs Expansion Will Nurture Growing Biotechs



Bridge Labs at Pegasus Park is dedicated to ensuring the longevity of biotech companies

in North Texas by providing state-of-the-art wet lab space and comprehensive support, offering ample step-up space for growth.

Located adjacent to BioLabs at Pegasus Park, Bridge Labs complements the thriving ecosystem of the 37,000 square-foot co-working laboratory and office facility dedicated to life science startups. With the expansion, Bridge Labs is playing a pivotal role in building the ecosystem and supporting the progressive growth of young life science firms.

[Read full press release](#)

Texas Voters Propel Proposition 5, Paving the Way for the Texas University Fund to Elevate State's Research and Innovation Landscape



The approval of Proposition 5 by Texas voters heralds a transformative development, as it establishes the Texas University Fund—a robust \$3.9 billion endowment dedicated to amplifying research endeavors across the state's universities. Specifically benefiting Texas Tech, the University of Houston, the University of North Texas, and Texas State University, the fund symbolizes a strategic investment by the legislature in Texas' future standing as a global powerhouse for research and innovation.

[Read full press release](#)

This visionary move is anticipated to elevate research capabilities, attract top-tier talent, and solidify Texas as a leading force in the ever-evolving landscape of academia and discovery.

American Cancer Society's BrightEdge Launches Texas Cancer Therapeutics Accelerator



The American Cancer Society's Accelerator, Bright Edge, held a Golden Ticket Competition last week at Pegasus Park. Therapeutics start-ups competed for a grand prize which included free lab and office space at Pegasus Park BioLabs, as well as access to ACS's team of scientific and industry advisors.

BrightEdge is the innovation, impact investment, and venture capital arm of the American Cancer Society. Through the donor-funded ACS Impact Venture Fund, Bright Edge furthers ACS's mission by investing in for-profit, early-stage companies developing cutting-edge, cancer-focused therapeutics, diagnostics, devices, and technologies to fuel and accelerate our vision of ending cancer.

[Learn more about American Cancer Society BrightEdge](#)

Giving Thanks: BioNTX Facilities Committee Hosts Packed Autumn Happy Hour in Frisco



Thank you to all who joined with the BioNTX Facilities Committee and our Autumn Happy Hour last week! It was a wonderful evening filled with new connections and the warmth of the fall season.

Jeremiah Anderson, Director of Innovation with Frisco EDC provided a glimpse into the latest developments the City is planning for our industry.

Thank you Cresa and Gordon Highlander for hosting!



Thank you to All, and a warm and wonderful start to your 2023 Holiday Season!



[Learn more about the BioNTX Facilities Committee](#)

Touring the Future of Research with Texas Instruments' BME Sciences Building



A new video has emerged of the highly anticipated Texas Instruments Biomedical Engineering and Sciences Building, a joint venture between UTD and UTSW that will support faculty and researchers from both institutions.

With both state-of-the-art laboratory space and areas designated to promote multidisciplinary interactions, North Texas researchers and students will now have access to an added resource in helping innovate solutions to society's most daunting health issues.

BIONTX MEMBERS IN THE NEWS

Reviving the Dodo: Colossal Biosciences' Native Habitat Rewilding Efforts

colossal



Colossal Biosciences, a pioneering genetic engineering and de-extinction company, has forged a groundbreaking alliance with the Mauritian Wildlife Foundation, a nonprofit conservation organization dedicated to safeguarding Mauritius' unique biodiversity. Together, they aim to resurrect and rewild the extinct dodo, an iconic symbol of human-induced extinction.

The Mauritian Wildlife Foundation will play a pivotal role as Colossal's primary rewilding partner in this ambitious venture, encompassing not only the restoration of critical ecosystems but also the genetic rescue of the Pink Pigeon, a vulnerable species native to Mauritius.

[Read full press release](#)

OncoNano Medicine Achieves Milestone with First Patient Dosed in Phase 1 Trial


onconano
medicine

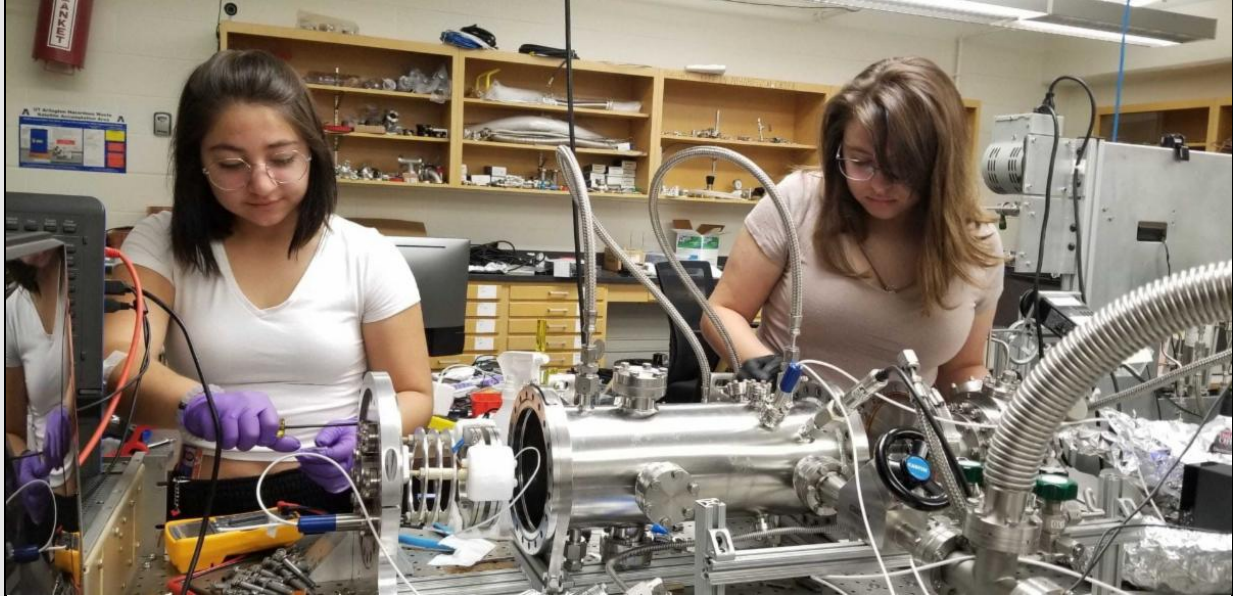
OncoNano Medicine, has announced the commencement of its Phase 1 clinical trial, with the first patient dosed at the University of Pittsburgh Medical Center (UPMC). The trial aims to evaluate ONM-501, a dual-activating polyvalent STING agonist designed for immuno-oncology applications and formulated with OMNI™, the company's core immune activating polymer technology.

Kartik Krishnan, MD., PhD, President & Head of R&D for OncoNano Medicine, expressed enthusiasm, stating, "This marks an exciting milestone in the development of ONM-501, with preclinical data supporting enduring STING activation and the potential for an improved clinical profile compared to earlier experimental cyclic dinucleotide STING agonists. The initiation of our first human trial for ONM-501 brings us one step closer to providing cancer patients with our differentiated approach to targeted therapeutics."

[Read full press release](#)

UTA Program Touted as Launchpad for Research Careers





The University of Texas at Arlington has been awarded a grant from the U.S. Department of Energy to sustain its successful traineeship program. UTA's Nuclear Research Experiences for Minority Students (NREMST) initiative provides students from historically underrepresented populations with immersive experiences in nuclear physics.

The program also exposes undergraduate students to opportunities in particle physics relevant to careers in nuclear medicine, radiation therapy, archaeology, precision management, and astrophysics.

[Read full press release](#)

UTD Study Reveals Unique Brain Patterns in Early-Stage Alzheimer's



THE UNIVERSITY
OF TEXAS AT DALLAS



Gagan Wig, PhD

Scientists at The University of Texas at Dallas Center for Vital Longevity found that changes in brain network patterns in early-stage Alzheimer's differ from normal aging.

Dr. Gagan Wig, the study's corresponding author, noted that certain Alzheimer's-related brain dysfunction beyond memory and attention might be detectable in mild cognitive impairment stages before an official diagnosis. This research suggests the potential for early detection and targeted interventions in Alzheimer's disease.

[Read full press release](#)

Catalyze Transformative Health Solutions with the ARPA-H CX Hub

BIONTX INVITES YOU TO JOIN THE ARPA-H CUSTOMER EXPERIENCE HUB

ARPANET-H, is a new nationwide health innovation network which will take a human-centered approach to designing products and services for all Americans.

The Customer Experience Hub forms part of the ARPANET-H nationwide health innovation network and is dedicated to the needs of the people: listening to, learning from, and building trust with communities to enable access to critical health innovations for all Americans.

Learn more about the
ARPANET-H

Join the ARPA-H Customer
Experience Hub

Join the ARPANET-H Network Activation Call

Application ends on December 1, 2023



The Advancing Clinical Trial Readiness (ACTR) initiative seeks to improve the nation's ability to conduct clinical trials safely, quickly, and equitably. The ACTR initiative will develop, evaluate, and integrate new tools and technologies to enable faster, less expensive, decentralized trials operating closer to/at points of care that are more representative across geography, age, gender, race, ethnicity, and socioeconomic status.

Apply now

NORTH TEXAS NEWS

\$63M CPRIT Global Impact Initiative Draws Oncology Therapeutics Start-ups to Texas



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

The governing body of the Cancer Prevention and Research Institute of Texas (CPRIT) has approved \$63 million in grants, emphasizing the agency's global impact. These grants include recruiting a cancer researcher from Switzerland and supporting an Israeli company developing a novel product to alleviate the burden on breast cancer patients.

The awards were approved during the quarterly meeting of the CPRIT Oversight

Committee at the Barbara Jordan State Office Building in Austin. CPRIT CEO Wayne Roberts highlighted the agency's role in making Texas a global leader in cancer research. Roberts stated, "Whether it's Switzerland, Israel, Houston, or Dallas, CPRIT is funding innovators and ideas that will shape the future of the fight against cancer. Around the world, CPRIT has positioned Texas as a hub for innovation in medical research and life science."

[Read full press release](#)

Mary Kay Ash Foundation Sets Five-Year Cancer Research Milestone with UTSW



UTSouthwestern
Medical Center

The Mary Kay Ash Foundation and UT Southwestern Medical Center mark five years of success in their collaborative International Postdoctoral Scholars in Cancer Research Fellowship program. Established in 2019, the initiative recruits exceptional international researchers, offering mentorship and experience with a return grant to support their continued work in their home countries.

The program has enlisted 13 accomplished postdoctoral researchers from Brazil, China, Germany, Mexico, Singapore, Spain, and Portugal. Seven have completed the program successfully, six are actively advancing their research projects in Dallas, and all have made significant contributions to notable research publications.

[Read full press release](#)

Meet the AgriLife Researcher Studying Feeding Intolerance in Preterm Infants

TEXAS A&M
AGRI LIFE



Robert Chapkin, PhD

Dr. Robert Chapkin is spearheading research focused on feeding intolerance in preterm infants. Within the Chapkin lab, a groundbreaking noninvasive method has been developed, allowing precise diagnosis of feeding intolerance severity. This innovative approach enables researchers to assess a baby's intestinal physiology, providing an accurate determination of nutrient absorption.

Dr. Chapkin's method involves examining intestinal cells exfoliated in the baby's feces, offering a noninvasive means to assess the neonatal gut. This gut assessment is crucial as it serves as the primary site for nutrient absorption and the host immune system. The outcomes of this research may contribute to more effective and less harmful treatments by eliminating potentially limited or harmful interventions.

[Read full press release](#)

Texas A&M Researchers Join Global Coronavirus Study Team



TEXAS A&M UNIVERSITY

Researchers from the Texas A&M School of Veterinary Medicine and Biomedical Sciences' (VMBS) Veterinary Education, Research, and Outreach (VERO) program are part of an international team investigating the transmission of coronaviruses. They are exploring whether an individual's microbiome, the collection of microbes living in or on the body, influences this transmission.

Coronaviruses, a diverse family of viruses, can cause various diseases across species. In humans, they range from the common cold to severe acute respiratory syndrome (SARS). In cattle, they can lead to diarrhea in calves and respiratory issues in adults. The Texas A&M researchers will study viral transmission using cattle as a model for group "commingling events"—when unfamiliar animals or people gather with intensive and sustained contact in a defined space and time.

[Read full press release](#)

High Standards: Children's Health Awarded 4th Consecutive Excellence Award



Children's Health, a prominent pediatric healthcare provider and the leading pediatric healthcare system in North Texas, has secured its fourth consecutive Magnet Designation for Nursing Excellence. The prestigious recognition, bestowed by the American Nurses Credentialing Center (ANCC), acknowledges organizations demonstrating a steadfast commitment to transformational leadership, empowerment of nurses, exemplary practice, and knowledge creation.

Having initially achieved Magnet designation in 2009, Children's Health has consistently maintained this honor, reinforcing its national standing. Only 10% of U.S. hospitals are Magnet-designated, and a mere 3% have sustained this designation through four consecutive appraisal cycles.

[Read full press release](#)

BIONTX MEMBER SPOTLIGHT

ParaNano Wound Care: A Game-changer in Smart Bandage Technology



In Oklahoma, one company is reshaping chronic wound management. With the Bio-Z™

Smart Bandage, ParaNano Wound Care has developed a single-use membrane engineered to detect wound infections and manifest a vivid color change. Chronic wounds notoriously lead to severe outcomes such as amputations and mortality; and impose a staggering \$96.8 billion burden on the U.S. healthcare system.

The Bio-Z™ Smart Bandage contains bioactive nanofibers that respond chromogenically to pathogenic bacteria. The response manifests vividly, becoming more pronounced with increasing bacterial concentration. The bandage's tunability ensures a visible color change within 2-6 hours, facilitating early detection and intervention.

ParaNano Wound Care's vision of transforming wound care is offering a tangible solution to the critical unmet needs in chronic wound management. As healthcare embraces smart technologies, ParaNano is positioned at the forefront, pioneering a future where proactive, patient-centric care prevails.

[Learn more about ParaNano](#)

FUNDING & MENTORSHIP OPPORTUNITIES

PSC Grants Funds for New Therapy Discovery

Application ends on January 15, 2024



PSC Partners and affiliate PSC Partners Canada award annual grants that drive research to identify treatments and a cure. Their Research Grants Program seeks to encourage investigators to conduct research in promising new areas, with the goal that data generated will lead to further seed funding from additional sources.

[Apply 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](#)

INDUSTRY EVENTS

Holiday Cheers: Happy Hour Celebration

BIO Break:

Dallas' Life Sciences Happy Hour

[RSVP](#)

Pegasus Park
3000 Pegasus Park Drive
Dallas, TX 75247

Thursday
December 7, 2023
5:00pm - 7:00pm



Jingle and mingle with BioNTX, McDermott Will & Emery and Deloitte at their special Christmas-themed happy hour! Step into the holiday spirit as we gather to foster Dallas' vibrant Life Sciences community. Join us for a festive evening of networking, good cheer, and support for local businesses.

[RSVP now](#)

Upcoming Events & Opportunities in North Texas



A Merry Mingle & Christmas Concert

Join To Cure a Rose Foundation for an intimate concert, small bites, festive drinks, and philanthropy at its finest.

December 2, 2023

[Learn more](#)



Mastering Australian Privacy and Principles for Clinical Trials

Join MyData-TRUST to learn more about the The Privacy Act 1988 and the Australian Privacy Principles.

December 6, 2023

[Learn more](#)



Tech Together Holiday Party and 25th Anniversary Celebration

Join TechFW to celebrate the holiday season, connect with our community, hear from portfolio companies, and honor the 25-year anniversary of TechFW.

December 5, 2023

[Learn more](#)



LAUNCHBIO

Internship Informational

Join LaunchBio to learn how easy it can be for your startup to offer student internships in 2024.

December 6, 2023

[Learn more](#)



2023 ACS CAN North Texas Policy Forum

Join American Cancer Society to hear what is being done across Texas to detect cancers early, increase equitable access to screenings and policy solutions to advance cancer prevention.

December 7, 2023

[Learn more](#)



Healthcare Think Tank ARPA-H Meeting

Join Healthcare Think Tank to learn about all the exciting things happening in North Texas and hear from key people involved with ARPA-H about how and what to expect.

December 7, 2023

[Learn more](#)



Dallas Cup of Capital

Join Capital Factory at their most popular coffee networking event that makes it easy for you to meet your next co-founder, investor, mentor, or Capital Factory champion.

December 8, 2023

[Learn more](#)



Biomedical Engineering Solutions to Medical Challenges in the 21st Century

Join UT Southwestern for a symposium on biomedical engineering's innovative solutions to medical challenges at the new Texas Instruments Biomedical Engineering and Sciences Building.

December 8, 2023

[Learn more](#)

Join BioNTX

BioNTX provides opportunities for Members to connect across Texas, collaborate with others, receive industry insights, and increase visibility. We are the voice and champion for the life science community in NTX.



November 28, 2023

Stay Connected!



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