



AyuVis Hits Milestone and is One Step Closer to Making a Difference in Patient's Lives



AyuVis Research has been awarded a \$2.1 million National Institute of Health research grant from the National Heart, Lung, and Blood Institute that will fund preparations and the initiation of a first-in-human Phase 1 clinical trial.

AyuVis is developing a new generation of immunotherapies, including AVR-48, that, rather than simply activating or suppressing the immune response, provides a well-balanced outcome where mild activation and controlled suppression of the immune system is needed to effectively treat disease. This process allows the drug to control inflammation and infection.

[Read full press release](#)

Cell & Gene Therapy Manufacturability Enters New Phase with AI



Colossal Biosciences big data spin-out, Form Bio has North Texas making headlines in AI. Form Bio, which provides advanced computational life sciences technology announced the launch of **FORMsightAI** – a new, AI-based solution set for predicting and optimizing manufacturing outputs of cell and gene therapy constructs. **FORMsightAI** is generally available to cell and gene therapy companies as well as CDMOs.

FORMsightAI is a full service solution that incorporates advanced, customizable AI models, Form Bio's underlying platform and the company's experienced team of computational life sciences professionals with expertise spanning biology, bioinformatics and data science.

[Read full press release](#)

Pulvinar Neuro Begins Development of Novel Psychiatric Treatments

PULVINAR NEURO

NEUROTECHNOLOGY FOR THE FUTURE

Mineral Wells is small, rural town in North Texas making national news. The historic, picturesque town is home to Pulvinar Neuro; a subsidiary of Electromedical Products International, Inc. (EPI) developing non-invasive brain stimulation devices. The small- but stout company was recently awarded a grant from the NIH to further its research in transcranial stimulation (TCS) as a potential treatment for psychiatric disorders.

[Read full press release](#)

S&W Seed Takes Texas Ag-Tech Global



S&W Seed Company, a global agricultural company, announced that its Board of Directors is evaluating potential avenues to unlock what the Company sees as unrecognized value in its international operations, which are headquartered within the Company's Australian subsidiary.

Mark Wong, CEO, commented: "Australia is a large and important agricultural market and plays an integral role in the global food supply chain. It also has a vibrant public and private equity agricultural investment community, as well as several mid-sized agricultural companies. We believe now is the right time for us to conduct an accelerated review of our international operations, with a view towards evaluating potential strategic opportunities that could unlock unrecognized value for the benefit of all our stakeholders."

[Read full press release](#)

TTU Remains a Top Global University for Six Years Running



For the sixth straight year, Texas Tech University maintains its mark as one of the top institutions of higher education in the world based on the 2023 Global 2000 List by the Center for World University Rankings (CWUR), which ranks the top 2,000 of more than 20,000 colleges and universities worldwide.

The CWUR has ranked Texas Tech among the top universities globally for the sixth straight year, representing acknowledgment of the institution's mission as a top research university. Texas Tech ranks No. 442 in the world and No. 118 in the U.S., placing it in the top 2.2% of universities worldwide. The latest CWUR rankings also ranked Texas Tech No. 427 in the world in research performance and No. 540 in alumni employment.

[Read full press release](#)

UTD Researcher Tastes Success

Awarded National Prize for Food Sensor



THE UNIVERSITY
OF TEXAS AT DALLAS



(from left to right) Vikram Narayanan Dhamu, Shalini Prasad, PhD, Manish Samson and Durgasha Poudyal, PhD

Manish Samson, Dr. Prasad and a team of researchers are working to develop portable sensor technology that can detect pesticides and genetically modified organisms (GMOs) in low-fat and high-fat foods with the same accuracy as lab methods.

Manish Samson, a biology senior at UT Dallas has earned his biggest recognition so far: the 2023 Metrohm Young Chemist Award, an honor typically given to PhD students and postdoctoral researchers.

[Read full press release](#)

UTARI Spin-Out Immobileyes Takes a Step Towards Commercialization



Nicholas Gans, PhD

Dr. Nick Gans, head of the Automation and Intelligent Systems division, has been awarded the Small Business Technology Transfer (STTR) grant in collaboration with Immobileyes Inc. for “Small UAS Detection and Classification for Rapid Multiple C-UAS Operations using a Novel Multi-Wavelength Directed Energy Technology.”

UTARI’s will work with Immobileyes to test the feasibility of enabling its Laser Storm technology to automatically identify target, track and blind multiple UAS’s through machine learning driven computer vision and advanced control algorithms.

[Read full press release](#)

Nature Magazine Recognizes UTSW Researchers Work in Cancer Genomics

UT Southwestern
Medical Center®

Scientists at UTSW have discovered what they believe to be a series of critical events that can lead healthy DNA down a path to cancer. The discovery, published in **Nature**, sheds light on how cancer cells rapidly evolve genomic changes that fuel their proliferation.

“Cancer genomes are remarkably complex. Our findings provide a fundamental understanding of how diverse patterns of chromosomal alterations form and drive cancer development,” said Peter Ly, Ph.D., Assistant Professor of Pathology and Cell Biology at UT Southwestern, who co-led the study with Yu-Fen Lin, Ph.D., Senior Research Scientist.

[Read full press release](#)

NexPoint's Life Sciences Project Renamed to Texas Research Quarter

NEXPOINT

NexPoint, a multibillion-dollar alternative investment firm, today announced that its cutting-edge life sciences real estate project known as the “TxS District,” a proposed 200-acre development in Plano, Texas, has been renamed the “Texas Research Quarter.”

Originally signifying “Technology x Science,” the new Texas Research Quarter (“TRQ”) name was chosen to better reflect the commitment to innovation and collaboration among companies and organizations across the life science sector. This focus echoes and complements NexPoint’s own ongoing initiatives to further support and foster real estate development on behalf of the life sciences industry across the U.S.

[Learn more about NexPoint's Texas Research Quarter](#)

UNTHSC Ranks #1 Osteopathic School in US

hsc  THE UNIVERSITY of NORTH TEXAS
HEALTH SCIENCE CENTER at FORT WORTH

U.S. News & World Report released its annual list of best medical schools for primary care on Thursday, and the Texas College of Osteopathic Medicine at The University of North Texas Health Science Center at Fort Worth surged to the top as the No. 1-ranked osteopathic school in the nation and No. 11 among all medical schools.

TCOM was the highest-ranked medical school in Texas, and this is the second straight

year it's been ranked No.1 among all osteopathic schools nationwide. Last year, TCOM was ranked 36th among all medical schools across the country for primary care, up from 57th in 2021 and 72nd in 2020.

[Read full press release](#)

SMU Program Impresses with Venture Capital Forum

SMU Cox School of Business



Suzanne Guthrie, Marverick Capital and Max Korenvaes, Korenvaes Management

The SMU Cox School of Business which houses the Caruth Institute for Entrepreneurship; hosted the latest installment of their Southwest Venture Forum Series this week at the Park City Club in Dallas. The executive breakfast event was widely considered a great success by the almost 100 professionals in attendance.

Primarily focusing on hedge funds and their dealings in venture capital; the forum brought together both local and national investors, as well as venture capitalists and tech entrepreneurs of all sorts to discuss market trends and best practices for industry start-ups.

Speaking as part of a panel, Max Korenvaes of Korenvaes Management; and Suzanne Guthrie of Maverick Capital touched on technology, investment strategies, start-up lifecycles, and shared their market projections for industry sectors.

[Learn more about the Cox School of Business](#)

BioNTX Hosts Federal Funding Webinar Series

BIONTX

SMI
STRATEGIC
MARKETING
INNOVATIONS

In collaboration with Strategic Marketing Innovations, BioNTX hosted its first episode in a series of webinars on best practices when engaging with the Federal government for non-dilutive funding.

Key topics highlighted were:

- How to communicate effectively & efficiently with agency offices
- How to properly leverage connections and allies, and
- The necessary steps for a successful grant application.

Other topics covered during the master-class webinar included:

- Best practices for engaging federal agencies
- How to work towards non-dilutive funding
- Understanding federal agency priorities and their role in funding life science R&D initiatives
- How to approach military R&D funding opportunities

The next Webinar in this series (Fall 2023) will focus on the request process for congressional appropriates funding in R&D programs.

Our series speaker, Dr. Travis Taylor, has nearly 2 decades of experience working with the Federal government and understands the requirements and priorities of government funding agencies.

[Learn more about Federal Funding](#)

[Contact Dr. Travis Taylor](#)

Texas is Combating Cancer with CPRIT Funding



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

The governing board of the Cancer Prevention and Research Institute of Texas (CPRIT) advanced the fight against cancer by approving over \$73 million in new cancer research grants at its quarterly meeting.

“CPRIT funding is vital to cancer-fighting efforts across Texas,” said CPRIT Chief Executive Officer Wayne Roberts, “but today’s grants will be particularly critical to six companies doing breakthrough work on cancer-fighting drugs and treatments. Texas is unique because of CPRIT’s ability to invest in cutting edge research when private capital is scarce. This is yet another way Texas is leading the nation in the fight against cancer.”

[Read full press release](#)

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](#)

University Innovation & Lab Expansion in North Texas

Brought to you by the BioNTX Facilities Committee



Speakers



Cameron Cushman
Assistant VP of Innovation
Ecosystems, UNTHSC



Nina Petty
Executive Director,
Texas A&M University



Stephen Spiro, PhD
Vice Provost for Faculty
Affairs, UT Dallas



Todd Waldvogel, PE
Associate Vice Chancellor
for Facilities, TCU



Don Lange
Assistant VP for Facilities
Management & Campus
Operations, UT Arlington

The BioNTX Facilities Advisory Committee is hosting a panel on Monday, May 22nd to highlight the ways in which our world class universities have lead the charge in building a strong life science ecosystem in North Texas.

Sponsored by



[Register 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](#)

Accepting Applications for 2023 Cohort Accelerator Programs

Apply Now!



Apply to Health Wildcatters Accelerator Program to connect with a vast network of mentors and investors and accelerate your startup growth in a 3-month program with 8 to 12 other startups.

**Applications due
May 31, 2023**

[Apply now](#)



Apply to Techstars Accelerator Program to join one of their 3-month, mentorship-driven accelerators, receive up to \$120,000 in funding, get hands-on mentorship & access to the Techstars network for life.

**Applications due
June 7, 2023**

[Apply now](#)



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.

**Applications due
September 5, 2023**

[Apply now](#)

Advancing Women-Led Technology to the Next Level of Innovation

Applications due June 23, 2023



TechFW and the TWU's Center for Women Entrepreneurs have designated 5 awards for women entrepreneurs to participate in either the ThinkLab™ Accelerator or SmartStart™ Incubator program at TechFW, which will give them access to entrepreneurial coaching and provide innovators opportunities to take their ideas to market.

[Apply now](#)

Save the Date! iC³ Life Science Summit

iC³ = Innovation x Capital x Collaboration x Commercialization



Join us on Thursday, September 28 and Friday, September 29 at the Irving Convention Center to hear bioscience and healthcare innovation leaders discuss strategy, the latest innovation, products, services and exhibit the broad spectrum of Texas bioscience research.

Thank you for your support!



Learn more about our 2023 iC³ Life Science Summit

Look Up: 2023 Rising Stars Coming Soon



Rising Stars are the next generation leaders tackling the biggest challenges in healthcare and life sciences exhibiting recent noteworthy achievements.

Those selected as Rising Stars will have the opportunity to present their company during our 2023 iC³ Life Science Summit.

BioNTX is proud to continue the tradition of introducing Rising Stars in the life science and healthcare innovation industry coming soon September 28 - September 29.

Upcoming Events & Opportunities in North Texas



An Evening Under the Stars *Carson Leslie Foundation*

Join Carson Leslie Foundation for dinner, crafted cocktails, and an extraordinary auction. Funds from Evening Under the Stars will be invested in research leading to the prevention of medulloblastoma.

May 21, 2023

[Learn more here](#)



Reducing Financial Toxicity *Good Days*

Join Good Days to learn about addressing financial barriers that can arise during and after treatment for chronic and rare conditions and learn valuable insights and opportunities to address financial toxicity in healthcare.

June 1, 2023

[Learn more here](#)

May 19, 2023

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