

## Old Parkland Welcomes BioNTX For an Evening with Admiral Brett Giroir, MD



Thank you BioNTX Members for joining us at our Inaugural Members Only Summer Cocktail Party at Old Parkland!

BioNTX thanks Dr. Giroir for gracing our event and offering an insightful discussion about his experience fighting COVID from the front lines.

*Our member's continued support and commitment are what makes North Texas a thriving life sciences community.*



# Thank You BioNTX New & Renewing Members



[View All BioNTX Members](#)

## Another Billion Dollar North Texas Exit: Biogen Acquires a Resilient Reata Pharmaceuticals



Biogen Inc. and Reata Pharmaceuticals, Inc. announced the companies have entered into a definitive agreement under which Biogen has agreed to acquire Reata for \$172.50 per share in cash, reflecting an enterprise value of approximately \$7.3 billion.

“Biogen’s expertise and commercial footprint make it the optimal choice to help SKYCLARYS realize its full potential,” said Warren Huff, Chairman and Chief Executive Officer of Reata. “With its clear understanding of the rare disease patient journey and existing commercial infrastructure, we believe Biogen will establish SKYCLARYS as the standard of care in the treatment of this devastating genetic disease.”

[Learn more about Biogen's acquisition](#)

## What’s Next for Biopharma Under the Inflation Reduction Act?



The Inflation Reduction Act (IRA) will impose price caps on 100 medicines in the Medicare program by 2031. These government price controls will hurt innovators, particularly small biotechs and patients desperate for new treatments. This is a problem.

[Learn more about IRA](#)

## Colossal Biosciences to Help Reintroduce Orphan Elephants With AI

colossal 

Colossal Biosciences, the world's first de-extinction company, has announced an integrated partnership with Elephant Havens Wildlife Foundation, the only elephant orphanage in Botswana, to establish a new model playbook for reintroducing orphan elephants back into the wild.

Colossal will deploy artificial intelligence (AI) technology to enable comparative analysis between the behaviors of orphaned elephants and those observed in wild elephants.

[Learn more about Colossal Bioscience's partnership](#)

## Lifecycle Biotechnologies Partners with Savillex to Help Drive Impactful Discoveries



Life sciences manufacturer Lifecycle Biotechnologies has officially entered into a preferred partnership with Savillex, a Minnesota-headquartered provider of polymer-based solutions designed for life sciences and laboratory applications.

"We are excited to announce our partnership with Savillex. United by our commitment to excellence, integrity, and customer-centricity, this amplifies customers' access to discover how the HELIX can enhance their productivity and drive impactful discoveries," said Cody Yarborough, CEO of Lifecycle Biotechnologies.

[Learn more about Lifecycle Biotechnologies' partnership](#)

## Nanoscope Brings Light of Hope to Clinical Trial Patient





Now everything's brighter and I see

A patient who participated in Nanoscope's recent RESTORE Clinical Trial of MCO-010 for treatment of Retinitis Pigmentosa, shares his thoughts about his experience two years after being enrolled in the study.

[Learn more about Nanoscope](#)

## Scorpius BioManufacturing Gets Selected for Production of cGMP197



Fina Biosolutions has selected Scorpius BioManufacturing, a biologics contract development and manufacturing organization (CDMO), for the production of an E.coli-expressed CRM197 conjugate vaccine carrier protein.

The partnership includes recovery and downstream process optimization, analytical method implementation and phase-appropriate validation, scale-up, and cGMP bulk drug substance manufacturing of CRM197, a genetically detoxified diphtheria toxin widely used in conjugate vaccines. FinaBio markets their CRM197 under the tradename EcoCRM®.

[Read full press release](#)

## Polsinelli Recognized for Patent Prosecution and Litigation



Polsinelli does it again! Intellectual Property Department named to Am Law 100, recognized among the prestigious IAM Patent 1000 – The World's Leading Patent Professionals 2023 for its strong patent prosecution and patent litigation capabilities.

[Read full press release](#)

## UNTHSC Continues to Transform Health Disparities



The University of North Texas Health Science Center at Fort Worth was recently awarded the \$10 million John Lewis National Institute on Minority Health and Health Disparities Research Endowment by the National Institutes of Health.

This is now the second time the institution has been awarded this endowment to strengthen research into minority health and health disparities.

[Read full press release](#)

## UNT Dallas Receives Grant to Fund STEM School Principals Master's Program



Aspiring principals will be given the opportunity to specialize in leader STEM schools with the help of a new academic program at the University of North Texas at Dallas. Best of all, the first-of-its-kind program has free tuition and no fees.

[Learn more about UNT Dallas' master program](#)

## New High-Tech Soil Sensors Could Help Improve Soil Productivity



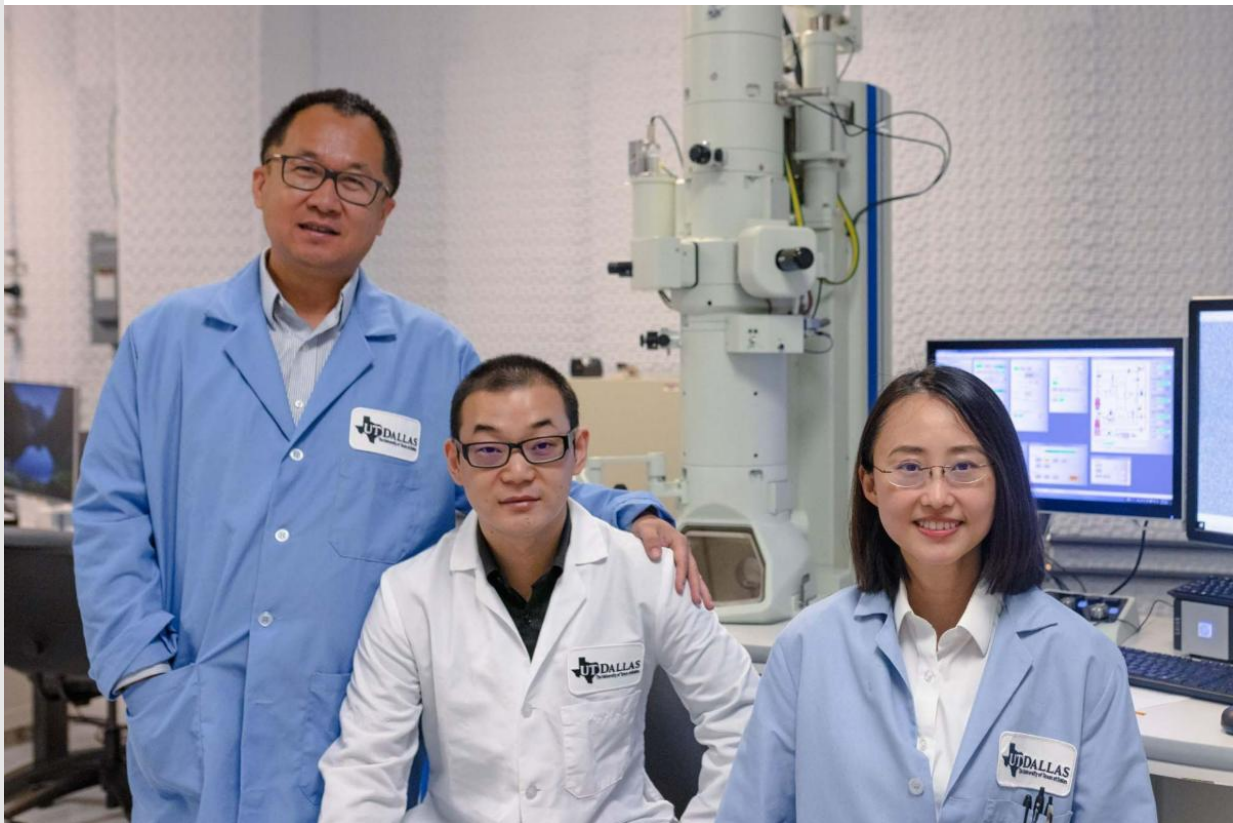
Shalini Prasad, PhD

Shalini Prasad, PhD and her bioengineering team at UT Dallas are developing “groundbreaking” new soil health sensors that could help improve soil productivity on a global scale.

The technique developed by the UTD team uses sensors that apply electrical stimulation to soil and measure chemical reactions to the voltage. The technology measures pH, moisture, volumetric bulk density, and the two main soil carbon pools—levels of soil organic matter and carbonaceous soil minerals — as well as total soil carbon.

[Read full press release](#)

# UTD Discovers Pathway to Nephron Regeneration



(from left to right) Jie Zheng, PhD, Yingyu Huang, PhD, and Mengxiao Yu, PhD

The University of Texas at Dallas scientists have discovered a previously unknown “housekeeping” process in kidney cells that ejects unwanted content, resulting in cells that rejuvenate themselves and remain functioning and healthy.

“In most scenarios, if kidney cells are severely injured, they will die, and they cannot regenerate,” said Zheng, a Distinguished Chair in Natural Sciences and Mathematics. “Your kidney will just fail sooner or later. That’s a big challenge in health management for kidney disease. All we can do currently is slow down the progression to kidney failure. We cannot easily repair the organ if it’s injured severely or by chronic disease.”

“That’s why discovering this self-renewal mechanism is probably one of the most significant findings we’ve made so far. With excellent core facilities and dedicated staff, UTD is a great place to do such cutting-edge research.”

[Read full press release](#)

## New UT Tyler NIH Grant Will

# Improve Lung Medications



Steven Idell, MD, PhD

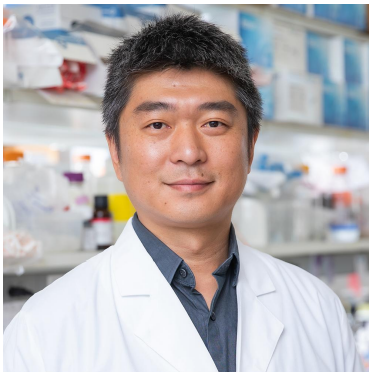
The University of Texas at Tyler was awarded by the National Institutes of Health to help improve blood-clotting medications for treatments in lung disorders and diseases.

The project is designed to identify dosing of fibrinolytic, or clot-busting, agents that can be safely and effectively administered to the compartment surrounding the lung to dissolve clots large enough to impair lung function. Dr. Steven Idell, UT Tyler professor of medicine and senior vice president for research, serves as principal investigator for the one-year NIH project.

[Read full press release](#)

## UT Southwestern Develops Stem Cell Embryo Model

### UT Southwestern Medical Center



Jon Wu, PhD

UT Southwestern Medical Center biologists have developed a new stem cell-based embryo model for studying early human development, tissue formation, and differentiation, offering valuable contributions to the field of developmental biology and regenerative medicine.

“By generating peri-gastruloids, researchers can mimic and study the complex processes that occur during gastrulation and early organ formation, which is a critical period in embryonic development. This allows for a better understanding of the molecular and cellular events that shape the formation of different tissue layers,” explained Jun Wu, PhD, Assistant Professor of Molecular Biology at UT Southwestern Medical Center.

[Read full press release](#)

## Uniting the Leigh Syndrome Community To Accelerate Research and Treatments



EMPOWER AND INSPIRE:

2ND ANNUAL  
LEIGH  
SYNDROME  
SYMPOSIUM



STEVEN GRAY, PHD  
UNIVERSITY OF TEXAS  
SOUTHWESTERN  
MEDICAL CENTER

KEYNOTE:  
GENE THERAPY  
FOR  
NEUROLOGICAL  
DISORDERS

JOIN US VIRTUALLY ON SEPTEMBER 19, 2023  
TO REGISTER:  
CUREMITO.ORG/CONFERENCE



Join Cure Mito Foundation for their 2nd annual conference focused on Leigh Syndrome. This event is open to patients, their families, industry, and researchers and will focus on the latest research related to Leigh syndrome.

Steven Gray, PhD, Associate Professor, UT Southwestern Medical Center will describe the current state-of-the-art for using AAV vectors to deliver genes to the nervous system and discuss examples where this has been used successfully, and also challenges and limitations of the technology.

Register now

## 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!



## Empowering Women-Led Start-Ups in Texas

Applications closes on September 18, 2023



Apply to Eosera's 2nd annual EmpowHERment Pitch Competition for a chance to win a total of \$25,000. This competition is designed for female-led, Texas-based startups with only three finalists selected to pitch to a live audience.

Apply now!

## 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 iC<sup>3</sup> 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!

## 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](#)

## 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](#)

## 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! iC<sup>3</sup> Life Science Summit

iC<sup>3</sup> = 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 iC<sup>3</sup>

Thank you 2023 sponsors!





Learn more about our 2023 iC<sup>3</sup> Life Science Summit

## Upcoming Events & Opportunities in North Texas



### Congressional Forum

Join Dallas Regional Chamber to hear top issues affecting the Dallas Region from the 118th Congress. This lunchtime conversation will cover government funding, aviation policy, artificial intelligence, and other key topics impacting the business community.

**August 8, 2023**

[Learn more here](#)



### Diversity in Careers in the Life Sciences

Join Women in Bio to listen to women making an impact in their fields. They'll share their inspiring career journeys, revealing the invaluable insights and strategies they've acquired along the way.

**August 8, 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 biotech workforce.

**August 10, 2023**

[Learn more here](#)



### RoseFest

Join To Cure a Rose Foundation to enjoy some great music and help make a difference in the lives of kids who need it most.

**August 12, 2023**

[Learn more here](#)



### 2nd Annual Leigh Syndrome Symposium

Join Cure Mito Foundation for their 2nd annual conference focused on Leigh Syndrome. This event is open to patients, their families, industry, and researchers and will focus on the latest research related to Leigh syndrome.

*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](#)

September 19, 2023

[Learn more here](#)



## Join BioNTX

BioNTX delivers opportunities for Members to connect across the State. Join us and collaborate with others, receive industry insights and visibility. We serve as the voice and champion for the life science community in NTX.

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July 28, 2023

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

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