



Is Your Company or Start-up Hiring? Join Our Career Expo to Find Top Talent!

**Register Now for the 3rd Annual
BioNTX Career Expo on February 9th**

Do not miss this unique opportunity for employers to engage with top-tier local talent actively seeking new opportunities. Whether you are a growing start-up or an established company in the field, join us to connect with skilled professionals ready to contribute to the advancements in life sciences.

We have a booth prepared and waiting for you!

[Register now!](#)



Proposed Inflation Reduction Act Expansion Sets Back American Biopharma & Innovation

**WRITE YOUR FEDERAL
REPRESENTATIVES TODAY!**



[Read full press release](#)



The proposed expansion of the Inflation Reduction Act is projected to have severe consequences for the U.S. biopharma sector, potentially causing hundreds of thousands of job cuts and reducing innovation in critical therapeutic areas.

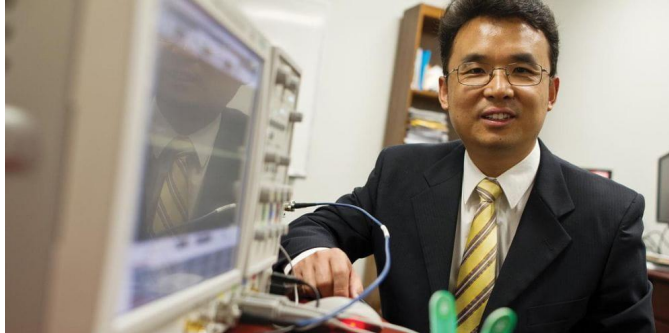
A recent report by healthcare consultancy Vital Transformation argues that the expansion could lead to the elimination of 136,000 to 216,000 biopharma jobs and result in an additional 678,000 to 1,076,000 indirect layoffs across the U.S. The report also warns of a potential impact on FDA approvals, estimating around 134 fewer approvals over a 10-year period, particularly affecting areas of unmet need such as oncology, neurology, rare diseases, and infectious diseases in the elderly population.

UTA Professor Honored by Asia-Pacific Artificial Intelligence Association

Dr. Qilian Liang, a Distinguished University Professor at The University of Texas at Arlington, has been named a Fellow by the Asia-Pacific Artificial Intelligence Association



(AAIA); joining a distinguished group of UTA faculty who have received the honor. Liang's research focuses on sensor networks, wireless communications, signal processing, and artificial intelligence, with recent recognition for his work in making AI technology faster and more energy-efficient. His efforts in designing deep-learning hardware accelerators aim for significant improvements in energy use and speed.



Dr. Qilian Liang, PhD, MS

[Read full press release](#)

AI & Cybersecurity Programs in North Texas

BIoNTX



TEXAS TECH
UNIVERSITY



The Hub



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER

Artificial Intelligence is revolutionizing our understanding and ability to uncover new frontiers, BioNTX is hosting Breaking Boundaries: AI's Role in Advancing Science and Innovation at TTU Innovation Hub at Research Park on Thursday, January 25th from 3:00pm - 5:00pm.

Join us in Lubbock as experts and visionaries explore the dynamic intersections of innovation and AI and hear how AI in shaping the future of industries and driving creative solutions to complex challenges. There will also be an exclusive overview of the ARPA-H Customer Experience Hub—a convergence of health, technology, and user engagement.

Panelists



Panna Sharma
CEO & President
Lantern Pharma



Daniel Hargrove, JD
Founder
Texas BioTech Ventures, LLC



David Miller, JD, MBA
Managing Director
Hub Fuel Fund
for Texas Tech University



Siva Vanapalli, PhD
CEO
NemaLife

[Register now](#)



Cybersecurity Lunch & Learn

Join Tech Titans to get an overview of potential threats and explore the options to improve encryption algorithms in anticipation



Live Demonstration Showcasing AI-Powered Healthcare Navigation Assistant

Join DFW Hospital Council Foundation to give a live demonstration of Mediktor's AI medical

of future quantum advancements.

January 25, 2024

[Learn more](#)

BIONTX

**Enhancing AI & Cyber Awareness
for Optimal Business Security**

In a world where AI has imploded, cyberbiosecurity is increasingly a priority. Where does AI play a role in your business and how does stronger resilience factor in? The challenges & opportunities in protecting your data will be explored and will help you begin to understand the risks specific to bioscience.

February 15, 2024

[Learn more](#)

assistant that directs patients to the right level of care at the right time.

February 8, 2024

[Learn more](#)



**Utilizing AI in Gene and
Cell Manufacturing**

Join ASGCT to explore the roles of AI and automation in propelling the latest advances in genetics and regenerative medicine and the rapid pace of progress.

February 16, 2024

[Learn more](#)

Texas Surpasses National Job Growth Rates, Achieving Historic Highs



[Read full press release](#)

Governor Greg Abbott commended the Texas economy for its resilience and exceptional performance, leading the nation in annual job growth. December's employment data revealed historic highs in total jobs, workforce size, and employed Texans, marking 34 consecutive months of uninterrupted job growth.

North Texas' Life Sciences industry, while having also experienced tremendous growth in previous years; is poised to see record-setting investment and corporate development in 2024. The region is increasingly being regarded as a biotech and pharma hotspot as local companies and start-ups continue to thrive and achieve national notoriety.

BIONTX MEMBERS IN THE NEWS

ConcertAI and Caris Life Sciences Join AbbVie to Fast-Track Pipeline and Clinical Trials



ConcertAI and Caris Life Sciences announce a multi-year partnership to bolster AbbVie's precision medicine-driven research and development in oncology, utilizing Caris'

extensive real-world oncology database and ConcertAI's research-grade clinical data. The collaboration aims to guide the development of targeted therapies for optimal patient outcomes and leverage AI/ML for streamlined oncology clinical trials and enhanced patient enrollment

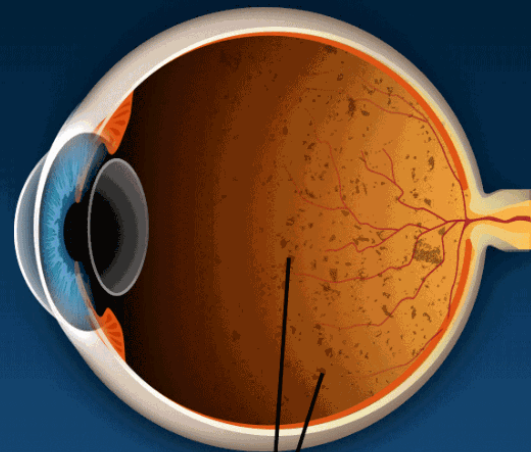
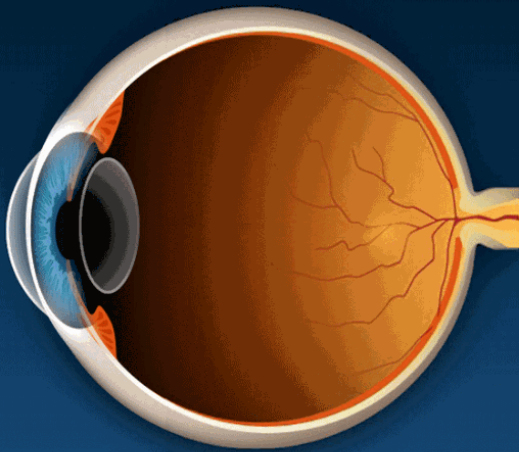
[Read full press release](#)

Nanoscope's Gene Therapy for Retinitis Pigmentosa Gets FDA Nod for BLA Approval



Healthy eye

Retinitis Pigmentosa



Light-sensing cells (rods) start to deteriorate

Nanoscope Therapeutics has shared positive updates from regulatory discussions with the FDA and the Icelandic Medicines Agency regarding its MCO-010 optogenetic gene therapy for advanced Retinitis Pigmentosa (RP).

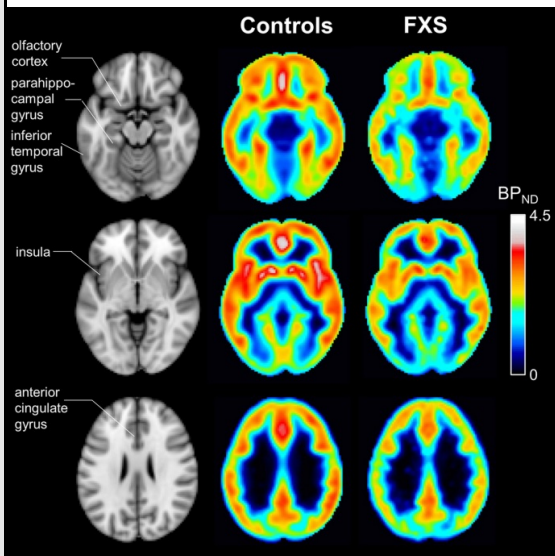
Following productive discussions, the FDA indicated that a change from baseline in visual acuity could serve as a suitable primary efficacy assessment in a well-controlled study for substantial evidence of benefit, supporting the Biologics License Application (BLA) approval.

MCO-010 has received orphan drug and fast track designations from the FDA.

[Read full press release](#)

UTSW Researchers Discover New Therapeutic Avenue for Neurocognitive Disorders

UTSouthwestern
Medical Center®



A UT Southwestern study of mutant models of fragile X syndrome (FXS), a genetic disorder related to autism and intellectual disability, shows that activation of the cerebellum mitigates aberrant responses in sensory processing areas of the brain and improves neurodevelopmental behaviors.

Researchers found that stimulating cerebellar output neurons in a specific cerebellar region known to have important roles in neurodevelopmental behaviors could improve impaired sociability, learning, and sensory behaviors. The findings, published in *Cell Reports*, offer an opportunity for developing new therapies for neurocognitive disorders

[Read full press release](#)

UTSW Sheds Light on Cellular Pathway's Involvement in Tissue Growth and Cancer

UTSouthwestern
Medical Center®



Duojia 'DJ' Pan, PhD

Dr. Duojia Pan, Chair of Physiology at UT Southwestern and a distinguished member of the National Academy of Sciences, has made significant strides in unraveling the mysteries of the Hippo signaling pathway. His pioneering work allowed for the identification and characterization of the pathway, which regulates tissue growth across the animal kingdom. Dr. Pan was previously a recipient of the prestigious Passano Award in 2022, which recognizes established U.S. researchers for scientific contributions expected to lead to clinical applications.

Dr. Pan's dedication to understanding how organ growth and development reflects a lifelong commitment to solving this intriguing scientific puzzle.

[Read full press release](#)

Eliminating Language Barriers in North Texas: UNT HSC Students Teach Medical Spanish to Improve Patient Experiences



At UNT Health Science Center's Texas College of Osteopathic Medicine, students, led by the Latino Medical Student Association, are tackling language barriers in healthcare by teaching medical Spanish. The initiative equips future physicians with crucial communication skills for diverse clinical encounters.

[Read full press release](#)

BioNTX Member Spotlight: CLEARVIEW Pharma



Clearview Pharma Solutions, LLC is a pharmaceutical and biotechnology consulting company innovating drug development. When start ups and companies face a challenge arises that demands a deeper level of expertise, Clearview Pharma offers immediate access to subject matter experts; allowing for lower overhead costs, and improved capabilities to handle uniquely complex situations. The company provides consulting for small molecules and biologics' drug development including:

- Preformulation
- Formulation
- Analytical Development and Validation
- Strategic long-term plan for formulation development
- Regulatory filing: CMC sections for IND, NDA, and BLA submissions
- Due diligence and Innovation

[Learn more about Clearview Pharma](#)

INDUSTRY EVENTS

Opportunities for Top Talent



BARDA Alliance Summer Internship

The BARDA Alliance Summer Internship will provide students with practical experience in public-private partnerships, working with cross-



2024 Innovate Boldly Diversity Externship

Alcon is hosting a comprehensive 4-day in-person Extern development event for 30 rising College Sophomores. The externship will focus on diversity and

functional teams, and exposure to a global portfolio of early-stage companies working on potential solutions for known and unknown future health threats.

[Apply now](#)

inclusion, professional development, learning about the R&D function, and Co-op and Internship opportunities at Alcon. The purpose of this externship is to provide a developmental experience for the benefit of those who are selected.

[Apply now](#)

Start Your February by Connecting with Innovators at BIO BREAK



Deloitte. **BIONTX**

BIO BREAK: Dallas' Life Sciences Happy Hour

Pegasus Park
3000 Pegasus Park Drive
Dallas, TX 75247

RSVP

Thursday
February 1, 2024
5:00pm - 7:00pm

Join McDermott Will & Emery, Deloitte and BioNTX to kiss boring Thursday nights goodbye and meet us for BIO BREAK, a lively monthly happy hour with the Dallas Life Sciences community! Grab a friend and join us at Pegasus Park for an opportunity to connect with like-minded industry professionals and innovators.

[Register now](#)

Upcoming Events & Opportunities in North Texas



2024 BioTX Corridor Mixer

Join BioMedSA to convene with start-ups, established companies, technical support organizations and investors from around the area, and to meet and build a stronger foundation around the life science ecosystem.

January 23, 2024

[Learn more](#)

Cybersecurity Lunch & Learn

Join Tech Titans to get an overview of potential threats and explore the options to improve encryption algorithms in anticipation of future quantum advancements.

January 25, 2024

[Learn more](#)



Breaking Boundaries: AI's Role in Advancing Science and Innovation

Join BioNTX to explore the dynamic intersections of innovation and AI. We will delve into the transformative power of AI in shaping the future of industries and driving creative solutions to complex challenges.

January 25, 2024

Lubbock, TX

[Learn more](#)



State of Biotech in the North Texas

Join HBA to connect with experts and professionals as they explore the latest advancements and future prospects that are shaping the dynamic biotech community in North Texas.

January 25, 2024

[Learn more](#)



Breakfast Forum: MedTech Startup

Join BioHouston to hear speakers share their perspectives on the process and importance of identifying and leveraging these fundamentals to build companies that hit milestones. Fundraising, assembling management teams, and how to select credible partners for startups will be the focus of this discussion.

January 31, 2024

[Learn more](#)



5th Annual Women's Cardiovascular and Brain Health Symposium

Join UNTHSC at their Women's Cardiovascular and Brain Health Symposium, which promotes research addressing women's cardiovascular and brain health, and raises awareness about the importance of women's health research.

February 1 - 2, 2024

[Learn more](#)



2024 Virtual Career Fair

Join NIIMBL for their 2024 Virtual Biopharma Internship, Co-op, and Entry Level Career Fair to engage directly with students and entry-level talent across the United States and find your next qualified candidate.

February 1, 2024



It Takes A Village

Join NAMI North Texas to learn the different ways to support your loved ones through their mental health, discuss different coping strategies, and ways each of you can support one another when challenges arise in your relationship.

February 6, 2024

[Learn more](#)



Career Expo

Join BioNTX to explore ways to transform and elevate your career in Life Sciences and Healthcare. The Career Expo is a comprehensive and enriching experience designed to provide you with valuable insights, networking opportunities, and help to boost your career.

February 9, 2024

[Learn more](#)

[Learn more](#)



Enhancing AI and Cyber Awareness for Optimal Security

In a world where AI is everywhere, cyberbiosecurity is becoming increasingly a priority. The challenges and opportunities in protecting your biggest asset - your data - will be explored and will help you begin to understand the risks specific to bioscience.

February 15, 2024

[Learn more](#)

Join the Movement at BioNTX

BioNTX provides opportunities for Members to connect and collaborate across Texas, obtain industry insights, and increase market visibility. We are the voice and champion of the life sciences community in NTX.



January 22, 2024

Stay Connected!



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