

Arugula Sciences Announces FDA Approval to Proceed with Phase 1 Study of SIG002



Arugula Sciences announced that it has received clearance from the FDA for its investigational new drug (IND) application for a Phase 1, open-label, dose-ranging clinical trial of SIG002, a perinatal-derived secretome product. This trial will assess the safety, tolerability, preliminary efficacy, and dose effect of SIG002 in patients with symptomatic osteoarthritis of the first metatarsophalangeal joint.

[Read full press release](#)

Colossal Biosciences Raises \$150M to Pursue the De-extinction of the Iconic Dodo



It has been 361 years since anyone has seen a dodo, the odd-looking bird that has become a poster child for extinction. But Colossal Biosciences is hoping to bring them back.

Colossal Biosciences has made headlines less than 18 months ago with its announcement it planned to revive the woolly mammoth, says it will pursue the de-extinction of the iconic bird, using (in part) funds from a Series B funding round that injected another \$150 million into the company.



[Read full press release](#)

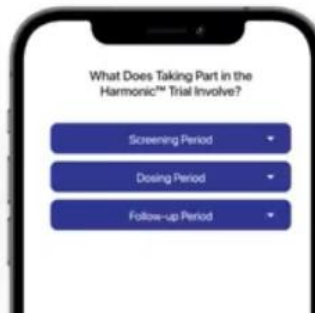
Lantern Pharma Launches Phase 2 Clinical Trial iPhone App for Never Smokers

The new Harmonic™ trial app provides patients and caregivers with mobile access to up-to date information on:

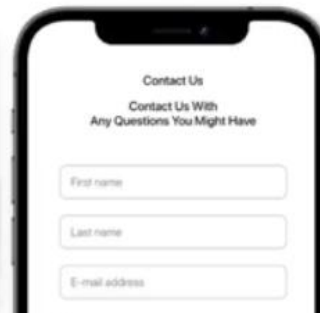
How NSCLC is different in never-smokers versus in tobacco users



What taking part in the Harmonic™ trial involves



Ability to contact the Harmonic™ clinical trial team



Lantern Pharma has launched a first of its kind, patient- focused, iPhone app for our Phase 2 Clinical Trial for Never Smokers with advanced non-small cancer lung cancer (NSCLC), the Harmonic™ trial.

The US Centers for Disease Control (CDC) defines a never smoker as an adult who has never smoked or has smoked less than 100 cigarettes in his or her lifetime. A never smoker can still develop NSCLC, which is clinically and genetically different from NSCLC in smokers. Harmonic™ is a clinical trial that is evaluating the overall and progression-free survival of never smoker patients with relapsed advanced NSCLC after treatment with the investigational new drug LP-300 in combination with chemotherapy.

[Download the Harmonic app now](#)

MedCognetics Receives NIH Funds Researching Unbiased Artificial Intelligence for Breast Cancer Detection



MedCognetics, Inc., founded in early 2019, has developed an unbiased advanced imaging algorithm that leverages AI and Machine Learning (ML) to detect the earliest manifestations of cancer in all ethnicities, announced it has received a \$750,000 grant from the National Institute of Health's (NIH) Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Researcher Diversity, or AIM-AHEAD program.

[Read full press release](#)

Nanoscope Therapeutics Receives FDA Fast Track for Treatment of Stargardt Disease

Nanoscope Therapeutics Inc., a clinical-stage biotechnology company developing gene therapies for retinal degenerative diseases, announced that the U.S. Food and Drug Administration (FDA) has granted Fast Track Designation (FTD) to MCO-010, an ambient-light activatable Multi-Characteristic Opsin (MCO) optogenetic monotherapy to restore vision in blind patients, for the treatment of Stargardt disease to improve visual function.

[Read full press release](#)

NexPoint Envisions a \$3B Life Sciences Campus in NTX

NEXPOINT

Plano leaders and NexPoint Development Company are holding early discussions on the potential for a public-private partnership to turn the massive vacant former Electronic Data Systems headquarters campus in NTX into a biotech hub.

Creating lab and manufacturing spaces that attract leading researchers in cell and gene therapy (C>), providing facilities and amenities for biotech and pharmaceutical firms of all stages of development is needed as the C> expertise grows here in North Texas. Land and additional properties totaling approximately four million square feet could be developed in phases to create an additional DFW area life sciences district.

[Learn more about NexPoint's vision](#)

TTUHSC Professor Elected Fellow by AAAS



Gail Cornwall, PhD

Gail Cornwall, PhD, a professor in the Department of Cell Biology and Biochemistry at TTUHSC, has focused her nearly 30-year career on studying male reproduction. In recognition of those contributions, Cornwall has been named a member of the American Association for the Advancement of Science (AAAS) Fellowship Class of 2022.

The honor is based upon the nominee's scientifically or socially distinguished efforts to advance science or its applications. AAAS Fellows are nominated by their peers, and nominees deemed by the AAAS council to be scientifically distinguished are then elected to receive the grade of fellow. Cornwall will be recognized in the spring at the AAAS annual Fellows Forum in Washington, DC.

[Read full press release](#)

UTA Professor Earns HIMSS Most Influential Women in Health IT Award



Gabriela Mustata Wilson, PhD,
MSc, FHIMSS, SNAI, FIAHS

The Health Information and Management Systems Society (HIMSS) Most Influential Women in Health IT Award recognizes influential women annually. These awards celebrate individuals who harness the power of information and technology to transform health and healthcare and are inclusive of all women of influence, no matter where they may be in the health information and technology field.

Gabriela Mustata Wilson, PhD, MSc, FHIMSS, SNAI, FIAHSI of The University of Texas at Arlington has been selected as a recipient of the 2023 HIMSS Changemaker in Health Award in the HIMSS Most Influential Women in Health IT Category.

[Read full press release](#)

UTSW Cardiologist Receives NIH Outstanding Investigator Award



Hesham Sadek, MD, PhD

UT Southwestern physician-scientist Hesham Sadek, MD, PhD, has received the prestigious National Institutes of Health (NIH) Outstanding Investigator Award to support his ongoing research into mechanisms behind heart regeneration that could lead to treatments for heart failure.

The award promotes productivity and innovation by scientists whose outstanding record of research demonstrates their ability to make major contributions to heart research. It provides investigators like Dr. Sadek increased freedom to conduct research that breaks new ground and allow them to take greater risks and pursue research that requires a longer time frame.

[Read full press release](#)

Supporting Next Gen Texas Innovators



Biotech talent is in high demand in the region across startup, corporate, and medical

systems, and offers fulfilling and high-paying careers with benefits.

The Last Mile Education Fund is investing in increasing access to biotech careers for striving low-income North Texas students. Their North Texas Biotech Workforce Fund supports students aiming for biotech and related STEM degrees and certificates in 26 counties in North Texas.

Lyda Hill Philanthropies has invested in the North Texas Biotech Workforce Fund to support North Texas students. Ensuring students receive assistance when most needed enables persistence and improved graduation rates for students of humble beginnings.

Applicants must be enrolled in a 2 or 4 year, eligible biotech program in North Texas. Please forward this information to a Student in need.

[Apply to the NTX Workforce Fund](#)

HSC NEXT Leads SBIR Phase 0 Program

Submission Deadline ends on March 8, 2023



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 process. 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 to the SBIR Phase 0 program](#)

Call for Abstracts - 2023 MHSRS

Submission Deadline ends on February 19, 2023



Submit your abstracts to the The Military Health System Research Symposium (MHSRS) before February 19, 2023. Abstracts submitted to the MHSRS should represent original, unpublished work (not on-line, not in print). Abstracts can be submitted to MHSRS as well as to professional scientific society meetings. However, if the abstract is submitted to MHSRS and other military-related/DoD meetings and accepted, the submitter needs to decide which meeting to present at. Abstracts presented at other military-related or DoD meetings are ineligible for presentation at the MHSRS, unless there are extenuating circumstances.

[Submit your abstracts now](#)

Transform the Future of Health with ARPA-H



ARPA-H accelerates better health outcomes for everyone by supporting the development of high-impact solutions to society's most challenging health problems.

ARPA-H is looking for a Program Manager who will champion a core idea to improve health, frames the challenge, and awards projects to new multidisciplinary teams, with measurement and evaluation conducted throughout the process to ensure the best solutions advance. Program Managers coach program performers through obstacles and efficiently define and recognize progress, success, and failure.

[Apply now](#)

[ARPA-H Overview](#)

2023 Career EXPO - February 10th Meet PhD and Post Doc Candidates



Join BioNTX at our Career Expo on February 10th! Your company will have the opportunity to recruit and network with top local talent and provide them with information about your open positions, review their resumes, and create brand awareness.

[Register now](#)

Upcoming Events & Opportunities in North Texas



**Women Founders & CEOs in
Biotech and Healthcare**
Nucleate Dallas

Join Nucleate Dallas to hear from DFW's amazing women leading in biotech and healthcare.

February 9, 2023

[Learn more here](#)



DFW Healthcare Student Summit
ACHE of North Texas

Join ACHE of North Texas to learn how the healthcare industry has navigated recent turbulence as well as discuss the path ahead.

February 18, 2023

[Learn more here](#)



UTD Bioengineering Career Fair *The University of Texas at Dallas*

Join UTD at their Career Fair where you can promote your open job positions. There will be over 700 students at all academic levels interested in internships, co-ops, and jobs.

February 24, 2023

[Learn more here](#)



Choosing the Right Entity For Your Startup *Texas Tech University Innovation Hub*

Join the Texas Tech Innovation Hub for their seminar to help you learn what business entity is right for your startup company!

March 1, 2023

[Learn more here](#)



Women Driving Innovation *BioNTX*

Join BioNTX to hear stories of the successes and contributions women in life sciences and health care innovation industries have made in Texas and future trends and the migration of life sciences to North Texas.

March 8, 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](#)



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.



February 3, 2023

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