MEET JACKEY SHERRILL
The former college football player and head coach shares how stem cell therapy can help athletes living with pain – including those who have suffered multiple concussions.

P1

DON’T MISS OUT ON THE LATEST NEWS IN STEM CELL BANKING!
Stay connected with us on Facebook, Twitter, Google+ and LinkedIn.
Welcome to the fourth issue of Celltex News.

Our clients continue to make wonderful improvements in their quality of life, due to Celltex’s proprietary process for isolating, growing and banking adult mesenchymal stem cells in quantities never before possible for therapeutic use.

In this newsletter, you will find updates about Celltex, our clients and the people who work behind the scenes to make our company a leader in the field of regenerative medicine.

Last year, Celltex client Sarah Hughes was an honored guest at our nation’s capital after her stem cell story earned the attention of U.S. Congressman Pete Olson following her courageous address to the U.S. Food and Drug Administration (FDA) in September 2016. Her story has reached millions of Americans who are battling chronic illnesses and are hoping for greater access to adult stem cell therapy in the future. We are proud of Sarah and her achievements.

We are also extremely proud to announce that Celltex’s adult mesenchymal stem cell technology was recently featured in a highly-respected scientific journal in a two-part case study on immune dysfunctions of the autonomic nervous system. We hope to announce further case studies in the coming year.

Celltex client and Dallas Cowboys legend Bob Lilly was featured in a TV interview on CBS Austin about his incredible experience with stem cell therapy. Lilly suffered from debilitating arthritic pain that left him unable to get out of bed. After receiving therapy using his own stem cells processed by Celltex, Lilly describes his recovery as “miraculous” and he has regained an outstanding quality of life.

Another client with an amazing recovery story, Braden Heckendorn, was profiled in his hometown paper, The Conroe Courier. Braden’s parents shared his recovery story from a traumatic brain injury that left him unable to speak, walk or read, to regaining those abilities thanks in part to stem cell therapy using his own stem cells processed by Celltex. Braden’s family attributes his significant recovery to Celltex.

Celltex also had the honor of hosting an esteemed blue-ribbon delegation from the offices of the Secretary of Health of Mexico, the Federal Commission for Protection Against Health Risk (COFEPRIS) – which is Mexico’s regulatory equivalent of the United States FDA – and The National Institute of Public Health of Mexico (INSP)— the equivalent U.S. NIH in Mexico. In addition to touring the Celltex lab, the delegation was introduced to top leaders in regenerative medicine in the Texas Medical Center and at Texas A&M University who work with Celltex.

The advancement of cellular therapy has never been more important than it is today, and the future of Celltex is brighter than ever.

To learn more about our stem cell technology and process, I personally invite you to tour our state-of-the-art laboratory in Houston, attend a Celltex seminar, engage with our social media accounts online or give us a call at (713) 590-1000.

Sincerely,

David G. Eller | Chairman & CEO
After a lifetime of playing sports and coaching collegiate football, the years had taken a toll on Jackie Sherrill, former head coach at Washington State University (1976), the University of Pittsburgh (1977–1981), Texas A&M University (1982–1988), and Mississippi State University (1991–2003). Problems with his knees and shoulders caused Sherrill to undergo multiple surgeries to repair the rotator cuff on his right shoulder in 1992. Then, in 2001, Sherrill had surgery on his right knee for a medial collateral ligament (MCL) tear. These surgeries were followed by lengthy rehabilitation and extensive physical therapy.

However, not long after those surgeries, Sherrill was faced with a double knee replacement and another rotator cuff repair – this time in his left shoulder. Dreading the thought of more surgery and the lengthy rehab that was sure to follow, he wanted to weigh his other options.

Sherrill heard an encouraging account from a friend, whose aunt was a client of Celtex Therapeutics Corporation, where the clients’ own adipose (fat)-derived, adult mesenchymal stem cells (MSCs) are cultured for use in regenerative therapy. Sherrill's friend shared the story of her aunt's improvements after receiving infusions of hundreds of millions of her own adult stem cells to help with back problems. In addition to improvements in her back pain, the client had experienced other benefits as well, including a noticeably improved energy level and overall quality of life.

Sherrill soon learned that the man behind Celltex was CEO David Eller, former Chairman of the Board of Texas A&M University System during the time that Sherrill was head coach of the Aggie football team. After touring the Celltex lab and visiting with Eller, Sherrill decided that stem cell therapy might be the safest and least invasive option available to him. “Rather than undergo more expensive surgeries and lengthy recoveries, I decided to give adult stem cell therapy a try,” Sherrill says.

Since June 2014, Sherrill has traveled to Cancun three times to receive stem cell therapy, which is administered by licensed physicians at Hospital Galenia, through an IV and direct injections in his shoulder and knees. “The hospital in Cancun is a state-of-the-art facility that rivals any hospital or clinic in the United States. My doctors were extremely knowledgeable and gave me great care. It was a positive experience that I would recommend to anyone,” says Sherrill.

Because of his experience with previous surgeries and the lengthy rehab that followed, Sherrill was surprised by the almost immediate changes after stem cell therapy. “The improvements continued over several months and not only did it significantly reduce the pain I was living with on a daily basis, but now I also have complete range of motion in my left shoulder and arm,” he says. “It’s remarkable.”

After experiencing stem cell therapy firsthand, Sherrill considers himself a believer in adult mesenchymal stem cell therapy, so much so that he is currently working with Celltex on a study with former professional football players. He hopes that the results of the study will help all athletes in the future.

“I strongly believe that adult stem cell therapy has the power to improve the quality of life of athletes who are living with pain and even those who have varying levels of dementia, resulting from multiple concussions,” says Sherrill. “There are people who need this therapy today, and my hope is to see efforts from our lawmakers and regulatory agencies to make this therapy a reality in the United States.”
Texas A&M Institute for Regenerative Medicine and Celltex Therapeutics Enter Agreement for Alzheimer’s Research

Celltex Therapeutics and Texas A&M University Health Science Center College of Medicine Institute for Regenerative Medicine announced an intellectual property license acquisition and research agreement. The announcement signals the first year of a multi-year research study investigating potential therapies for Alzheimer’s disease using autologous mesenchymal stem cell (MSC)-derived exosomes. Celltex’s acquisition of the exclusive license adds to its portfolio of cellular and exosomes intellectual property.

As part of the research agreement, the Texas A&M Institute for Regenerative Medicine team will prepare adult MSCs and use them to derive anti-inflammatory exosomes, which are tiny vesicles that can deliver anti-inflammatory agents to the brain. They will also test the efficacy of these exosomes to reduce brain inflammation and assist in repair of neuronal damage related to Alzheimer’s disease.

“We are pleased to have the opportunity to collaborate with Texas A&M Institute for Regenerative Medicine, an exceptional leader in stem cell research, to conduct trials related to Celltex’s investigational stem cell therapy in Alzheimer’s patients,” said Celltex CEO David G. Eller. “Our collaboration is an important step in initiating breakthroughs in regenerative medicine, as we explore how our autologous mesenchymal stem cell technology can help traumatic brain injury and other neurodegenerative disorders.”

Mike Bertuzzi Journeys to Become the “Lone Rider” in Support of MS Patients as Part of 2018 BP MS150

Celltex client Mike Bertuzzi, who experienced the amazing power of his own stem cells when he received therapy to help recover from a fractured hip, is riding in the 2018 BP MS150 bike race to honor Celltex. This ride of a lifetime, which is on April 28 & 29, 2018, covers the 150-mile route between Houston and Austin. Mike’s campaign aims to raise awareness of Celltex as an option for those suffering from MS, as well as to raise money for MS research and prevention.

To become the MS150 “Lone Rider,” Mike must be the top fundraiser among all participants. Fundraising has already started, and donations can be made at bpms150.net.

For those who cannot attend the race but still want to get involved, there is a free sign-up option to become a fundraiser as a Virtual Cyclist. Please consider fundraising for, or giving to, this amazing cause that funds critical research programs and services for those affected by MS.

Mike rides in support of Celltex stem cell therapy clients like Stefanie Cowley, Debbie Bertrand, Sammy Jo Wilkinson, among others, who, since receiving therapy with their own stem cells processed by Celltex, have noticed improvements in strength, control, range of motion and a significantly improved quality of life.

Celltex is proud to announce that a recent volume of a respected scientific journal, Stem Cells and Development, highlights the proprietary adult mesenchymal stem cell technology that was published in an unprecedented case study. The case study, titled “Autologous Adipose Stem Cell Therapy for Autonomic Nervous System Dysfunction in Two Young Patients,” focuses on two pediatric rheumatoid arthritis patients who responded favorably to MSC therapy using Celltex-cultured MSCs.

Conducted by researchers in the Texas Medical Center, the peer-reviewed, retrospective case study presents two patients who had clearly defined autoimmune diseases and severe disabilities. One of these pediatric patients had failed standard dysautonomia treatments and had experienced unsuccessful immunotherapy treatments. The other patient had failed standard treatment for juvenile idiopathic polyarthritis. The authors of the study concluded that due to the favorable clinical response of the two young patients, further clinical trials using either autologous or allogeneic MSCs is warranted.

Celltex Therapeutics and Steadman Phillipion Research Institute Enter Clinical Research Agreement

Celltex Therapeutics Corporation and Steadman Phillipion Research Institute (SPRI) announced they have entered a clinical research agreement, which includes funding from Celltex for a clinical research project that will study adult adipose-derived Mesenchymal Stem Cells (MSCs) and their application for anti-aging.

In this world-class partnership, Celltex will provide human MSCs isolated from fat tissue that are IRB approved and patient consented for use by SPRI. The SPRI lab will conduct invitro research studies at its newly-renovated and highly-equipped Center for Regenerative Sports Medicine (CRSM) lab in Vail, CO.

After receiving MSCs from Celltex, the SPRI team will culture, expand and bank the cells to proceed with research, including characterization of Celltex MSCs and their potential sub-populations to determine functional defects accumulated during aging of cells and stem cell senescence at the nuclear and protein expression levels. The SPRI team will also study signaling pathways involved in MSCs and their physio-biological properties under...
stress conditions, tested for proliferation and differentiation potentials with platelet rich plasma and/or bone marrow aspirate concentrates priming effect.

“We are proud to collaborate with SPRI to further our mission of using MSCs in ways that improve quality of life,” says Celltex CEO David G. Eller. “Through this partnership, we will uncover the incredible possibilities of our own Mesenchymal Stem Cells for anti-aging, wellness and overall health. The medical community continues to explore how stem cell therapy can transform health. SPRI has a unique and talented team that will characterize MSCs to study their impact on aging and age-related pathologies to explore potential solutions through regenerative medicine research and clinical translation.”

CELLTEX INVITES DELEGATION FROM MEXICO TO MEET REGENERATIVE MEDICINE LEADERS IN HOUSTON

The delegation visited Houston-based biotechnology company, Celltex. From left to right: Luis Ortiz Blas (INR); Dr. Ana Luisa Sesman Bernal (COFEPRIS); Julio Sánchez y Tépoz (COFEPRIS); José Clemente Ibarra Ponce de León (INSP); Dr. Guillermo M. Ruiz-Palacios (INSP); David Eller (Celltex); Dr. Stan Jones (Celltex); Alejandro Sanders (INSP); Erik Eller (Celltex)

A blue-ribbon delegation, composed of representatives from the offices of the Mexico Secretary of Health, the Commission for the Protection against Sanitary Risk (COFEPRIS) — the equivalent of the U.S. FDA in Mexico — and The National Institute of Public Health of Mexico (INSIP) — the equivalent of the U.S. NIH in Mexico — visited Houston and College Station to meet with leading researchers and doctors to explore the latest advancements in regenerative medicine, specifically those using autologous mesenchymal stem cells. The visit was initiated by Celltex CEO, David Eller. The delegation met with Dr. Darwin J. Prockop, Director of the Institute for Regenerative Medicine, Texas A&M College of Medicine – Texas A&M University; Dr. Philip A. Salem, a physician, researcher, educator and international statesman in cancer medicine, who is also President of Salem Oncology Center in Houston; Dr. Mark Adickes, Chief of the Division of Sports Medicine at Baylor College of Medicine, of Medicine – Texas A&M University; Dr. Philip A. Salem, a physician, researcher, educator and international statesman in cancer medicine, who is also President of Salem Oncology Center in Houston; Dr. Mark Adickes, Chief of the Division of Sports Medicine at Baylor College of Medicine,

CELLTEX CLIENT SARAH HUGHES ATTENDS JOINT ADDRESS TO CONGRESS AS HONORED GUEST

Sarah Hughes with former Texas Governor Rick Perry at President Trump’s first joint address to Congress. Perry is now the U.S. Secretary of Energy and is a former member of the Celltex Board of Directors.

After sharing her incredible mesenchymal stem cell story with members of the FDA in September 2016, Celltex client Sarah Hughes caught the attention of her congressman, Texas Rep. Pete Olson - District 22. Olson invited Sarah to be his guest of honor at President Donald Trump’s first joint address to Congress, Tuesday, February 28, 2017, to represent the promise of adult mesenchymal stem cell innovation in Houston and the United States. As part of her visit to Washington, D.C., Sarah received a private tour of the United States Capitol and attended the joint address. While there, Sarah was able to catch up with friend and keen supporter in her recovery, former Texas Governor Rick Perry, who is a Celltex client and current U.S. Secretary of Energy.

CELLTEX ANNOUNCES 2018 SEMINAR SCHEDULE

Celltex is excited to announce its 2018 seminar schedule, which includes events in Houston, Dallas, Austin, San Antonio, and Mexico City. Please visit the Celltex website for more information on seminar dates and our exciting lineup of speakers. Email info@celltexbank.com to be notified of upcoming seminars and be sure to share seminar information with friends or family members that may be interested!

JOHN HUNEWILL NAMED VICE PRESIDENT, MARKETING

John Hunewill Vice President, Marketing

Celltex has added John Hunewill as Vice President of Marketing to its growing team. In this role, he is responsible for the domestic and international marketing growth of the company.

Hunewill graduated with a Bachelor of Science in Biology from Syracuse University and also holds a Master of Science in Molecular Biology from New York University. Hunewill’s educational background in the Life Sciences complements his expertise of over 15 years working with national brands in developing and leading strategic marketing plans. This combined experience is instrumental to his expert knowledge and strategic vision for the commercial stem cell market and Celltex Therapeutics in the United States and beyond.

To read the full announcements and other industry news, visit Celltex News at CelltexBank.com/news
DAN PASTORINI
Former Professional Football Player  | Houston, Texas

"Twelve concussions, countless broken bones, punctured lungs, separated shoulders - the injury list is endless, but nothing kept me out of the huddle. I spent thirteen years in the National Football League, but by the time I retired, I could barely walk. Then I heard about Celltex and decided to give them a try. Shortly after adult mesenchymal stem cell therapy, I began noticing improvements in my health. Chronic pain is no longer ruling over my life – pain is a thing of the past."

BOB LILLY
Former Professional Football Player  | Georgetown, Texas

"I spent the better part of my life playing an extremely physical sport – football – in college and the NFL, and up until recently, I was not able to do everyday tasks such as comb my hair or even dress myself due to the immense pain I was experiencing. Four years ago, I was diagnosed with an autoimmune disease, polymyalgia rheumatica. Now, one year after adult mesenchymal stem cell therapy with stem cells produced by Celltex, I once again have full range of motion in my shoulders. I can wash my hair and pick up my camera. I never thought I would be able to take another photo, and anyone who knows me knows that photography is my passion. I am traveling again and taking road trips with my family. I have never felt better – I feel like a younger man. I cannot thank Celltex and the staff at Galenia Hospital in Cancun enough. They gave me my life back." Bob was also recently featured on CBS Austin!

LEE ROY JORDAN
Former Professional Football Player  | Dallas, Texas

"My wife could not recall a time that I did not carry my notes and reminders in my pocket, but that is all beginning to change. Over the years, I developed signs of cognitive impairment. I was not able to recall specific details of my life; I would forget names and facts about friends and family and my short-term memory seemed nonexistent. Only a few months after adult mesenchymal stem cell therapy, my wife and I have noticed definite signs of improvement. There are even moments when I amaze her. I’ve noticed that my energy levels have improved and I feel more active and that my mind is not overworked. I cannot thank the doctors and Celltex enough; they are changing my life. And for that, I am forever grateful."

Celltex prides itself on employing the brightest and most qualified scientists to operate its cell manufacturing laboratory in Houston. Aditi Kaushik, Manufacturing Manager, is a vital member of the team, responsible for managing Celltex’s manufacturing operations in all aspects: organizing, managing and coordinating the staff, equipment, facility and all operations needed to comply with the manufacturing plan, current Good Manufacturing Practices (cGMP) and company policies. Kaushik holds a master’s degree in biotechnology from Texas A&M University and a bachelor’s degree in biotechnology from Amity University in Noida, India. She also holds a Certificate in Entrepreneurship from Mays Business School. Prior to joining Celltex in November 2013, Aditi worked at the Institute for Applied Cancer Science at the M.D. Anderson Cancer Center in In-Vitro Pharmacology as an assay development intern.

"There is so much potential in the field of regenerative therapy, and it makes me proud that I am working for a company that is at the forefront of the industry.

Also, the group of scientists I work with have so much passion about their work; there is never a dull day. We are like a family, and it makes it really easy for me to enjoy what I am doing,” she says.