UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): March 11, 2024

BioRestorative Therapies, Inc. (Exact name of registrant as specified in its charter)

Nevada	001-37603	30-1341024
(State or other jurisdiction	(Commission	(IRS Employer
of incorporation)	File Number)	Identification No.)
40 Marcus Drive Melville, New York		11747
(Address of principal executive offices)		(Zip code)
Registra	nt's telephone number, including area code (631) 760-8100	
(Forme	Not Applicable r Name or Former Address, if Changed Since Last Report)	
Securities register	ed pursuant to Section 12(b) of the Securities Exchange Ac	t of 1934:
Title of each class BRTX	Trading Symbol(s) BRTX	Name of each exchange on which registered NASDAQ Capital Market
Check the appropriate box below if the Form 8-K filing is inter- General Instruction A.2. below):	nded to simultaneously satisfy the filing obligation of the re	gistrant under any of the following provisions (see
$\hfill\square$ Written communications pursuant to Rule 425 under the Section	curities Act (17 CFR 230.425)	
\square Soliciting material pursuant to Rule 14a-12 under the Excha	nge Act (17 CFR 240.14a-12)	
☐ Pre-commencement communications pursuant to Rule 14d-2	2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
☐ Pre-commencement communications pursuant to Rule 13e-	4(c) under the Exchange Act (17 CFR 240.13e-4(c))	
Indicate by check mark whether the registrant is an emerging g the Securities Exchange Act of 1934 (§240.12b-2 of this chapte		t of 1933 (§230.405 of this chapter) or Rule 12b-2 of
Emerging growth company □		
If an emerging growth company, indicate by check mark if the accounting standards provided pursuant to Section 13(a) of the		od for complying with any new or revised financial

Item 7.01 Regulation FD Disclosure.

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On March 11, 2024, BioRestorative Therapies, Inc. (the "Company") issued a press release (the "Press Release") announcing that the Company will be participating at the 36th Annual ROTH Conference being held March 17 to 19, 2024 at the Ritz Carlton, Laguna Niguel, Dana Point, California. A copy of the Press Release is furnished as Exhibit 99.1 hereto.

At the conference, Lance Alstodt, the Company's Chief Executive Officer, is scheduled to participate in a fireside chat. Certain presentation materials (the "Presentation Materials") may be utilized in connection with the chat. A copy of the Presentation Materials is attached as Exhibit 99.2 to this Current Report on Form 8-K and is incorporated herein by reference. The Company may use the Presentation Materials, possibly with modification, in other presentations to current and potential investors, lenders, creditors, insurers, vendors, customers, employees and others with an interest in the Company and its business.

The information referenced under this Item 7.01 (including Exhibits 99.1 and 99.2 referenced in Item 9.01 below) of this Current Report on Form 8-K is being "furnished" under "Item 7.01. Regulation FD Disclosure" and, as such, shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. The information set forth in this Current Report on Form 8-K (including Exhibits 99.1 and 99.2 referenced in Item 9.01 below) shall not be incorporated by reference into any registration statement, report or other document filed by the Company pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

Item 9.01			Financial Statements and Exhibits.		
	(d)	Exhibits.			
	Number		Description		
	99.1		Press release, dated March 11, 2024, issued by BioRestorative Therapies, Inc.		
	99.2		Presentation Materials		

Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BIORESTORATIVE THERAPIES, INC.

By: /s/ Lance Alstodt

Dated: March 12, 2024

Lance Alstodt President and CEO



BioRestorative Therapies to Participate in the 36th Annual ROTH Conference

MELVILLE, N.Y., March 11, 2024 (GLOBE NEWSWIRE) -- BioRestorative Therapies, Inc. ("BioRestorative" or the "Company") (NASDAQ:BRTX), a clinical stage company focused on stem cell-based therapies, today announced its participation in the 36th Annual ROTH Conference being held March 17-19, 2024 at the Ritz Carlton, Laguna Niguel in Dana Point, California

BioRestorative's Chief Executive Officer, Lance Alstodt, is scheduled to participate in a fireside chat hosted by Jonathan Aschoff, Ph.D., Managing Director, Senior Research Analyst at ROTH MKM, on Monday, March 18, 2024 at 12:00pm PDT.

The fireside chat will be broadcast live and archived on the investor section of the Company's website at https://www.biorestorative.com/investor-relations.

Mr. Aschoff and other members of the Company's management team will also participate in a series of one-on-one meetings with investors during the conference. To arrange a meeting with BioRestorative, attending investors are encouraged to contact thier ROTH MKM sales representative or email oneononerequests@roth.com.

About BioRestorative Therapies, Inc.

BioRestorative Therapies, Inc. (www.biorestorative.com) develops therapeutic products using cell and tissue protocols, primarily involving adult stem cells. Our two core programs, as described below, relate to the treatment of disc/spine disease and metabolic disorders:

- Disc/Spine Program (brtxDISCTM): Our lead cell therapy candidate, *BRTX-100*, is a product formulated from autologous (or a person's own) cultured mesenchymal stem cells collected from the patient's bone marrow. We intend that the product will be used for the non-surgical treatment of painful lumbosacral disc disorders or as a complementary therapeutic to a surgical procedure. The *BRTX-100* production process utilizes proprietary technology and involves collecting a patient's bone marrow, isolating and culturing stem cells from the bone marrow and cryopreserving the cells. In an outpatient procedure, *BRTX-100* is to be injected by a physician into the patient's damaged disc. The treatment is intended for patients whose pain has not been alleviated by non-invasive procedures and who potentially face the prospect of surgery. We have commenced a Phase 2 clinical trial using *BRTX-100* to treat chronic lower back pain arising from degenerative disc disease.
- Metabolic Program (ThermoStem®): We are developing a cell-based therapy candidate to target obesity and metabolic disorders using brown adipose (fat) derived stem cells to generate brown adipose tissue ("BAT"). BAT is intended to mimic naturally occurring brown adipose depots that regulate metabolic homeostasis in humans. Initial preclinical research indicates that increased amounts of brown fat in animals may be responsible for additional caloric burning as well as reduced glucose and lipid levels. Researchers have found that people with higher levels of brown fat may have a reduced risk for obesity and diabetes.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. You are cautioned that such statements are subject to a multitude of risks and uncertainties that could cause future circumstances, events or results to differ materially from those projected in the forward-looking statements as a result of various factors and other risks, including, without limitation, those set forth in the Company's latest Form 10-K filed with the Securities and Exchange Commission. You should consider these factors in evaluating the forward-looking statements included herein, and not place undue reliance on such statements. The forward-looking statements in this release are made as of the date hereof and the Company undertakes no obligation to update such statements

CONTACT:

Email: ir@biorestorative.com



Forward-Looking Statements

Statements in this presentation, including the information set forth as to the future financial or operating performance of BioRestorative Therapies, Inc. (the "Company") that are not current or historical factual statements may constitute "forward-looking" information within the meaning of the U.S. federal and state securities laws. When used in this presentation, such statements may include, among other terms, such words as "may," "will," "expect," "believe," "plan," "anticipate," "intend," "estimate," "project," "target" and other similar terminology. These statements reflect current expectations, estimates and projections regarding future events and operating performance and speak only as to the date of this presentation. Readers should not place undue importance on forward-looking statements and should not rely upon this information as of any other date.

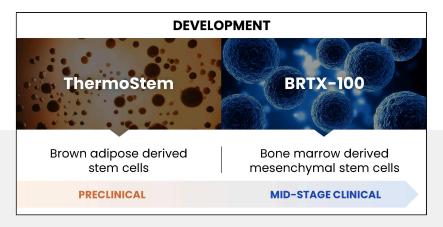
Forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause our actual results, performance or achievements, business plan or industry results, to differ materially from our expectations of future results, performance or achievements expressed or implied by these forward-looking statements. These forward looking statements may not be realized due to a variety of factors, including without limitation: (i) our limited operating history, lack of significant revenues, and substantial losses since inception; (ii) our ability to obtain sufficient financing to initiate and complete our clinical trials and fund our operations; (iii) our ability to timely and successfully develop and commercialize BRTX-100, our lead product candidate for the treatment of chronic lumbar disc disease; (iv) delays in enrolling patients in our clinical trials; (v) disruption to our access to the media (including cell culture media) and reagents the Company is using in the clinical development of our cell therapy product candidates; (vi) failure of our clinical trials to demonstrate adequately the safety and efficacy of our product candidates; (vii) our lack of manufacturing capabilities to produce our product candidates at commercial scale quantities and lack of an alternative manufacturing supply; (viii) a loss of our exclusive license rights with regard to our disc/spine technology; (ix) safety problems encountered by us or others developing new stem cell-based therapies; (x) ethical and other concerns surrounding the use of stem cell therapies; (xii) our reliance on novel technologies that are inherently expensive and risky; (xiii) significant product liability claims and litigation to which the company may be subject, including potential exposure from the use of our product candidates in human subjects; (xiv) our inability to obtain reimbursement for our products and services from private and governmental insurers; (xv) our inability to protect our proprietary rights; and (xvi)

Many of these issues can affect the Company's actual results and could cause the actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company. You are cautioned that forward-looking statements are not guarantees of future performance, and you should not place reliance on them. In formulating the forward-looking statements contained in this presentation, it has been assumed that business and economic conditions affecting the Company and the economy generally will continue substantially in the ordinary course. These assumptions, although considered reasonable at the time of preparation, may prove to be incorrect.

The description of the Company and its business in this presentation does not purport to be complete and is subject to the more detailed description of the Company and its business in the Company's annual, quarterly and current reports filed with the SEC.



Fully Integrated Regenerative Medicine Company





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Experienced Leadership



Lance Alstodt Chairman & CEO

- 30+ years leading, advising and operating companies within the Healthcare sector
- Founder of MedVest Capital, a Healthcare fund created in 2013
- Prior to that led the Medical Technology investment banking group at Bank of America Merrill Lynch and Leerink Partners



Robert Kristal
Chief Financial Officer

- 25+ years on Bay Street and Wall Street
- Most recently was the DOR for a Healthcare focused Investment Bank
- Career has spanned Trading, Sales, Investment Banking and Research



Francisco Silva Vice President of R&D

- 20+ years in the R&D of cell-based and off-the-shelf therapeutics
- As BRTX's Vice President R&D, established high throughput Stem Cell Research Program based on his academic and industrial research experience
- Has obtained several patents in cell therapy, and has manuscripts published with regards to translational stem cell research



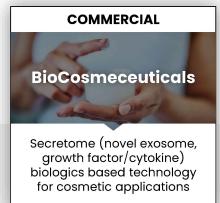
Bob PaccasassiVice President of Quality

- 25+ years of biotech operations and combined experience in Quality Assurance, Regulatory, and Manufacturing (QRM)
- Previous QRM management positions at Regeneron, Millennium, and

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Going Commercial: Biologics Based Cosmetic Products





The Market

- Global Cosmetic market \$63 B and growing
- Global injectable market 12% CAGR 2021-2026 Est \$11.9 B
- Derms need differentiated product
- Bundle with current procedures



Manufacturing

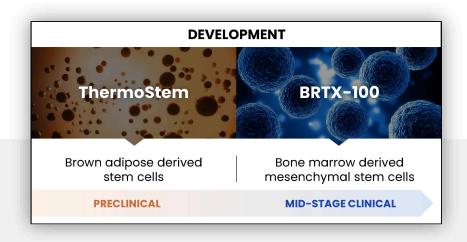
- cGMP ISO 7 Certified Facility
- Cellular Biology Engineering Expertise
- Multi use facility highlights versatility



Products

 Cell based biologics engineered and targeted for both clinical and aesthetic use.

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Secretome (novel exosome, growth factor/cytokine) biologics based technology for cosmetic applications

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Robust Preclinical & Clinical Pipeline

			PRECLINICAL	PHASE1	PHASE 2	PHASE 3	COMMERCIAL
		Lumbar					
s.	Spine	Cervical	Phase 2 IND SUBMITTED				
OGOL		Thoracic					
AUTOLOGOUS		Hips/Knees					
Ā	Musculoskeletal System	Extremities					
	•	Avascular Zones					
		Type 2 Diabetes					
	Metabolic	Obesity					
ENEIG		PCOS*					
ALLOGENEIC	Brown Adipose	ARDS**					
	Brown Adipose Stem Cells	Long Hauler Covid					
	Secretome / Exosome	Cosmetic					



^{*} Polycystic ovarian syndrome ** Acute respiratory distress syndrome *** Expected approval Q2 2024

Chronic Lumbar Disc Disease (cLDD)

258 M U.S. adult population

64.5 M American adults with chronic lower back pain prevalence

32 M American adults with diagnosed and treated disc degeneration

15 M Americans suffering pain caused by a protruding or injured disc

2.5 M Invasive Surgical Procedures per year **\$40 billion** in surgeries



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The Problem: Clinical & Economic

Conservative Treatments



ORAL MEDICATION TREATMENT / OPIOIDS

\$1,000 - \$2,000 / annually



Surgical Treatments





INJECTION TREATMENT

\$8,000 /annually

UNMET NEED

←OPPORTUNITY ZONE **→**

\$2,000 per injection, 2 injections per treatment-semi-annual treatment







PHYSICAL MEASURES

\$20,000 /annually

\$200 per session, 2 sessions per week

DISC REPLACEMENT SURGERY

\$80,000 **-**\$150,000



Often Recurrent



Re-op Rates Often 10-20%



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Our Solution: BTRX-100

Conservative Treatments



ORAL MEDICATION TREATMENT / OPIOIDS

\$1,000 - \$2,000 / annually



INJECTION TREATMENT

\$8,000 /annually

\$2,000 per injection, 2 injections per treatment-semi-annual treatment



PHYSICAL MEASURES

\$20,000 /annually

\$200 per session, 2 sessions per wee

Often Recurrent



Regenerative Medicine

Introduce Hypoxic Cultured Autologous MSCs

BRTX-100

SINGLE INTRA-DISCAL INJECTION EXACTLY 40MM CELLS PROCEDURE TIME ~ 20 minutes

NON-INVASIVE

Surgical Treatments

SPINAL FUSION SURGERY \$110,000



DISCECTOMY

\$20,000 **-**\$50,000



DISC REPLACEMENT SURGERY

\$80,000 **-**\$150,000



Re-op Rates Often 10-20%







Lead investigational therapeutic product



Autologous (patient's own) cell-based biologic



Prior human data provides insight into the potential safety and efficacy of BRTX-100

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Hypoxic (low oxygen) cultured, bone marrow-derived



FDA authorized commencement of Phase 2 clinical trial



Single intradiscal injection
– anticipated 30 minute
in-office procedure



Large growing market with few comparable autologous therapies

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1) Trinity Partners Report, "Degenerative Disc Disease US Market Assessment (Phase I)," Feb. 2016, Slide 9 of report.

BRTX-100: Key Differentiating Factors





SOURCE	Allogeneic uses human derived stem cells (not from patient) - 6 million	Autologous uses patients own stem cells - 40 million
CULTURING	Normoxic cultured with normal oxygen environment (~20%)	Hypoxic cultured in low oxygen environment (5%)
CARRIER Hyaluronic Acid Carrier		
CARRIER		Autologous Platelet Lysate Carrier & Adjuvant

BRTX-100 Advantages

- Autologous cells means low to no risk of rejection, greater safety profile (introduction of viral/genetic), potentially streamlined regulatory path
- Hypoxic culturing creates increased cell proliferation, greater plasticity, increased paracrine effect and increased cell survival after application
- Autologous platelet lysate provides growth factors that interact with the cells, allowing for better cell survival
- Low to no risk of safety concerns related to immunological and zoonotic (animal to people) transmission
- Strong runway for value creation with successful clinical results

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BRTX-100: Positive Human Data

Human data from studies of therapies similar to BRTX-100 show reduced pain, increased function, and an absence of significant safety issues with a durable response



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BRTX-100: Phase 2 Trial Design

FDA Cleared IND 17275:

Phase 2 Randomized, Controlled Study Design in Patients with cLDD

Design

- Study includes 99 subjects (2:1 product to placebo)
- 40.000.000 cells/dose
- Included subjects will have only one symptomatic diseased disc

Primary Efficacy Endpoint

12 m, F/U at 24 m

Improvement in function:

at least 30% increase in function based on Oswestry Disability Index questionnaires (ODI)

Reduction of pain:

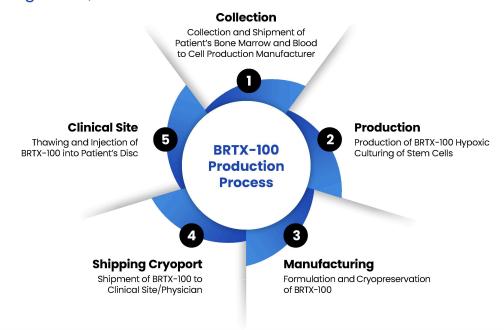
at least 30% decreased in pain as measured using a Visual Analogue Scale (VAS)

Patient Population

- Subjects must have current diagnosis of cLDD, typical pain with degeneration of a single disc confirmed by history, exam, radiography, or other acceptable means
- Subjects will have exhausted previous conservative nonoperative therapies

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BRTX-100: Logistical /Clinical Process



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BRTX-100: Cleared DSMB June 2023





All 4 subjects successfully dosed with either 40 mil hMSCs or placebo

First time 40 million cells injected in a human subject



No Significant Adverse Events

VAS, ODI, SF-12, RMDQ, and FRI scores to measure pain and function were collected

Opportunity to leverage this data and clinical package

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Preliminary Phase 2 Clinical Data: Meaningful Signals

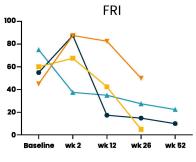
"Autologous Stem Cell Therapy for Chronic Lumbar Disc Disease, Initial Phase 2 Clinical Safety and Feasibility Data of Intradiscal Injections of Hypoxic Cultured Mesenchymal Stem Cells,"

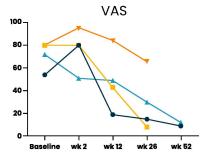
presented at ORS 2024

- 4 subjects underwent successful dosing of either a 40 × 10⁶ cell dose of hMSCs or saline at a 3:1 randomization ratio
- All AEs where non-serious and related to expected increased postprocedural back pain. The 2 remaining subjects of the safety run-in cohort did not experience any AEs/SAEs during and post dosing of either a 40 ×10⁶ cell dose of hMSCs or saline
- Patient reported outcomes VAS, ODI, RMDQ, and FRI used to measure pain and function were also collected during the safety run-in period

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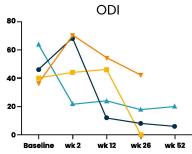
Raw Data

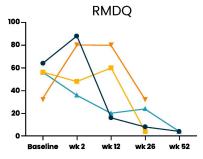




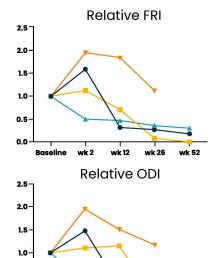


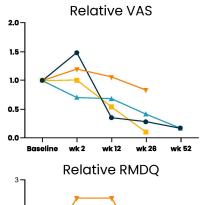
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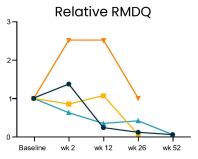




Relative Change









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ThermoStem Program: Allogeneic Cell-based Therapy

Target Conditions: Obesity, Type 2 diabetes, and Metabolic disorders

Cell Type: Brown Fat

 Has been shown to regulate metabolic homeostasis in the body

Components of Library:

- Human Brown Adipose Tissue (BAT)
- White Adipose Tissue (WAT)
- Brown Adipose-derived Stem Cells (BADSC)

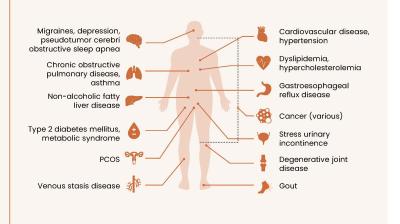
Initial Proof of Concept:

Completed in small animal model

Patent Portfolio: Related BAT patent portfolio, including issued patents in the U.S., Australia and Japan

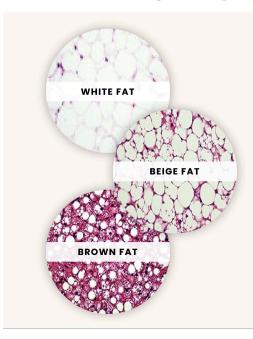
Platform Program:

For the development of cell & small molecule therapies



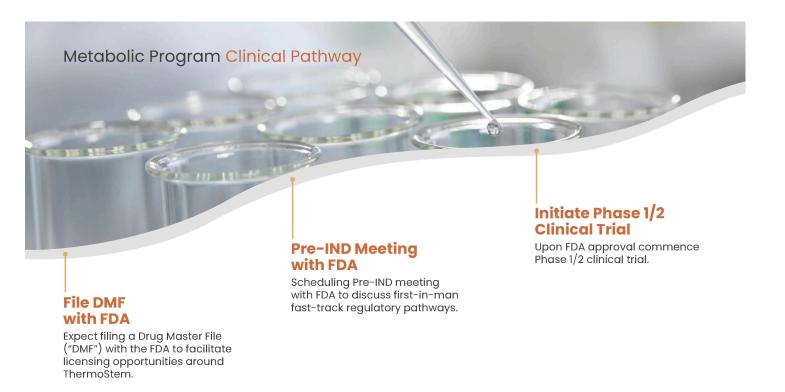


Metabolic Program Highlights



- First human stem cell derived BAT transfer
- Creation of first human 3D engineered artificial brown adipose tissue construct (aBAT)
- Successful delivery of 3D aBAT construct in mouse model
- Transplantation of aBAT lowered blood glucose levels
- Transplantation of aBAT decreased weight in obese mice
- Published initial proof of concept completed

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Our Opportunities are Well-Protected

PROGRAM	disc*	ThermoStem
INDICATION	Disc / Spine	Metabolic
PATENT TITLES	 Methods and Compositions to facilitate repair of avascular tissue Surgical Methods and Compositions to facilitate repair of avascular tissue Therapeutic Delivery Device 	 Brown Fat Compositions and Methods Human Brown Adipose Derived Stem Cells and Uses Non-naturally occurring three-dimensional (3D) Brown Adipose-Derived Stem Cell aggregates and methods of generating and using the same
NO. OF APPLICATIONS	12	25
STATUS	2 Issued 10 Pending	17 Issued 9 Pending

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Scientific Advisory Board

Wayne Marasco, MD, PDt

Chairman of SAB

- Principal Faculty Member of Harvard Stem Cell Institute
- Professor in the Department of Cancer Immunology & AIDS at the Dana-Farber Cancer Institute
- Professor of Medicine at Harvard Medical School

Jason Lipetz, MD

Chairman of SAB Sub Committee Disc Advisory Board

- Chief of Spine Medicine for the Northwell Health Spine Center
- Founder of Long Island Spine Rehabilitation
 Medicine

Harvinder Sandhu, MD

Member Disc Advisory Board

- Orthopedic Spine Surgeon at the Hospital for Special Surgery
- Specializes in minimally invasive spine surgery, endoscopic spine surgery, microsurgery, computer-assisted surgery, and the study and use of spinal biologics

Wayne Olan, MD Clinical

Director of Regenerative Disc / Spine Program

- Board-certified Interventional Neuroradiologist
- Director of Endovascular and Minimally Invasive Neurosurgery at the George Washington University Medical Center

Christopher Plastaras, MD

Member Disc Advisory Board

 MossRehabs' Clinical Director of Musculoskeletal Spine & Sports Rehabilitation Medicine

Joy Cavagnaro, PhD

Member

- President and Founder of Access BIO, L.C.
- Previously positions with the FDA Center for Biologics Evaluation and Research (CBER), for a decade

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Common Shares Outstanding	6.7 Million
Cash	\$ 12.2 Million*
Debt	\$0

 $^{^{\}ast}$ As of 09/30/2023; does not include approx. net proceeds of \$7.6 million from 02/06/2024 warrant exchange

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2023 Accomplishments

- Expanded ThermoStem patent portfolio in U.S. and Japan
- Two Notice of Allowances
- Completed 4 patient Safety Run-in component for Phase 2
- Announced a filing and execution of an ATM
- Announced Northwell Healthcare Partnership Largest Healthcare System in the Northeast
- Cleared first DSMB
- Closed a \$2.1 Million Registered Direct financing
- Enhanced shareholder profile with small institutions and family offices
- Leveraged our expertise in Regenerative Medicine in our FDA company, ISO-7 cGMP certified to manufacture advanced logistic products of maximum potency and efficacy





Upcoming Milestones: Provide Multiple Potential Value Inflection Points

PLATFORM	PROGRAM/ACTIVITY	SITUATION OVERVIEW
Cell-Based Secretome Derived	Skin remodeling, facial application /hair growth	Regenerative Cosmetic & Aesthetic treatment to rejuvenate skin and grow hair
BRTX-100	cLDD	 Anticipate providing updates on sites/enrollment and preliminary data (still blinded) Phase 2 Cervical IND approval
Brown Fat Derived Adipose Tissues	Obesity, PCOS and Metabolic Disorders	Advance this technology through DMF and IND
PATENTED	Expand Patent Portfolio	 Additional patents announcements - Brown Fat Provisional Patent around BRTX-200 (next generation)



In Conclusion



- Disruptive Platform Technologies in Cellular Therapy
- Strong Preliminary Data Indicative of Positive Trial Outcomes
- Active Phase 2 Trial in Spine

- Addressing Multi-Billion Dollar Markets with Unmet Needs
- Opportunity for Key Strategic Partnerships in Cosmetic Space
- Strong Intellectual Property Protection
- Experienced Management Team & Scientific Advisory Board

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