

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): December 16, 2013

NEOSTEM, INC.
(Exact Name of Registrant as Specified in Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-33650
(Commission
File Number)

22-2343568
(IRS Employer
Identification No.)

420 Lexington Avenue, Suite 350, New York, New York 10170
(Address of Principal Executive Offices)(Zip Code)

(212) 584-4180
Registrant's Telephone Number

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-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))

Item 7.01 Regulation FD Disclosure.

NeoStem, Inc. intends, from time to time, to present and/or distribute to the investment community and utilize at various industry and other conferences a slide presentation. The slide presentation is accessible on NeoStem's website at www.neostem.com and is attached hereto as Exhibit 99.1. NeoStem undertakes no obligation to update, supplement or amend the materials attached hereto as Exhibit 99.1.

In accordance with General Instruction B.2 of Form 8-K, the information in this Item 7.01 of this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Exchange Act or the Securities Act of 1933, as amended, except as shall be expressly set forth by reference in such a filing.

Item 8.01 Other Events

On December 16, 2013, NeoStem, Inc., a Delaware corporation (the "Company" or "NeoStem"), issued a press release announcing completion of patient enrollment in its PreSERVE AMI study. A copy of the press release is attached as Exhibit 99.2 to this Current Report on Form 8-K.

Forward Looking Statements

This Current Report on Form 8-K, including Exhibit 99.1 and 99.2 hereto, contains "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are typically preceded by words such as "believes," "expects," "anticipates," "intends," "will," "may," "should," or similar expressions, although some forward-looking statements are expressed differently. Forward-looking statements represent the Company's management's judgment regarding future events. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, the Company can give no assurance that such expectations will prove to be correct. All statement other than statements of historical fact included in the Current Report on Form 8-K are forward-looking statements. The Company cannot guarantee the accuracy of the forward-looking statements, and you should be aware that the Company's actual results could differ materially from those contained in the forward-looking statements due to a number of factors, including the statements under "Risk Factors" contained in the Company's reports filed with the Securities and Exchange Commission.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

Exhibit No.	Description
99.1	Slide presentation of NeoStem, Inc. dated December 2013*
99.2	Press Release dated December 16, 2013

*Exhibit 99.1 is furnished as part of this Current Report on Form 8-K.

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.

NEOSTEM, INC.

By: /s/ Catherine M. Vaczy
Name: Catherine M. Vaczy, Esq.
Title: Vice President and General Counsel

Dated: December 16, 2013



Transforming the Treatment of Chronic Disease

A blurred background image showing a laboratory setting with a person in a white lab coat and a microscope.

Investor Presentation

NASDAQ: NBS

December 2013

Forward-Looking Statements

This presentation includes “forward-looking” statements within the meaning of the Private Securities Litigation Reform Act of 1995, as well as historical information. Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or industry results, to be materially different from anticipated results, performance or achievements expressed or implied by such forward-looking statements. When used in this presentation, statements that are not statements of current or historical fact may be deemed to be forward-looking statements. Without limiting the foregoing, the words “plan,” “intend,” “may,” “will,” “expect,” “believe,” “could,” “anticipate,” “estimate,” or “continue” or similar expressions or other variations or comparable terminology are intended to identify such forward-looking statements, although some forward-looking statements are expressed differently. Additionally, statements regarding the future of the regenerative medicine industry and the role of stem cells and cellular therapy in that future, our ability to successfully develop and grow our business, including with regard to our research and development and clinical evaluation efforts and future marketing and sales in respect of AMR-001 and other cell therapies, the marketing and performance of our contract development and manufacturing business and our adult stem cell collection, processing and storage business are forward looking statements. Our future operating results are dependent upon many factors and our further development is highly dependent on future medical and research developments and market acceptance, which is outside our control.

Forward-looking statements, including with respect to the successful execution of the Company's strategy, may not be realized due to a variety of factors and we cannot guarantee their accuracy or that our expectations about future events will prove to be correct. Such factors include, without limitation, (i) our ability to manage our business despite operating losses and cash outflows; (ii) our ability to obtain sufficient capital or strategic business arrangements to fund our operations and expansion plans, including meeting our financial obligations under various licensing and other strategic arrangements, the funding of our clinical trials for AMR-001 and Tregs, and the commercialization of the relevant technology; (iii) our ability to build the management and human resources and infrastructure necessary to support the growth of our business; (iv) our ability to integrate our acquired businesses successfully and grow such acquired businesses as anticipated, including expanding our PCT business internationally; (v) whether a large global market is established for our cellular-based products and services and our ability to capture a share of this market; (vi) competitive factors and developments beyond our control; (vii) scientific and medical developments beyond our control; (viii) our ability to obtain appropriate governmental licenses, accreditations or certifications or comply with healthcare laws and regulations or any other adverse effect or limitations caused by government regulation of our business; (ix) whether any of our current or future patent applications result in issued patents, the scope of those patents and our ability to obtain and maintain other rights to technology required or desirable for the conduct of our business; (x) whether any potential strategic benefits of various licensing transactions will be realized and whether any potential benefits from the acquisition of these licensed technologies will be realized; (xi) the results of our development activities, including our current Phase 2 clinical trial of AMR-001; (xii) our ability to complete our Phase 2 clinical trial of AMR-001 (or initiate future trials) in accordance with our estimated timeline due to delays associated with enrolling patients due to the novelty of the treatment, the size of the patient population and the need of patients to meet the inclusion criteria of the trial or otherwise; and (xiii) the other factors discussed in “Risk Factors” in our Form 10-K filed with the Securities and Exchange Commission (“the SEC”) on March 11, 2013 and elsewhere in this presentation and in the Company's other periodic filings with the SEC which are available for review at www.sec.gov under “Search for Company Filings.”


All forward-looking statements attributable to us are expressly qualified in their entirety by these and other factors. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. Except as required by law, the Company undertakes no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.


Company Overview

- Leader in cell therapy developing potentially transformative treatments for patients in several indications
- Founded in 2006
- Integrated entity with 3 pipeline technology platforms and revenue generating contract development and manufacturing organization (CDMO)
- 27.0M common shares outstanding (34.7M fully diluted)
 - 4.9M warrants that can bring in \$80.9M to the Company
- Market Capitalization: \$177M
- Over \$50M in cash as of November 7, 2013
- Shares listed on NASDAQ, Ticker: NBS
- Headquarters in New York City
- GMP-compliant facilities in Allendale, NJ and Mountain View, CA
- 110 employees as of October 31, 2013

Regenerative Medicine

- Repair or replace damaged tissue and restore function
- Novel regenerative therapies with potential to:

 Improve clinical outcomes

 Reduce overall healthcare costs

Investment Highlights

- Unique business model that combines development of novel proprietary cell therapy products with a cell therapy manufacturing business
- Diversified product development pipeline focused on cardiovascular disease, autoimmune disorders and tissue regeneration
 - Deep pipeline with near term catalysts
 - AMR-001, enrollment completed in a Phase 2 trial in patients with acute myocardial infarction, data expected in 3Q 2014
 - Treg (T regulatory cell) program, IND planned to initiate a Phase 2 trial in type 1 diabetes
- Progenitor Cell Therapy (PCT): wholly owned subsidiary and leading CDMO in the cellular therapy industry
 - Provides manufacturing, regulatory, and commercialization expertise for therapeutics development
 - Immediate revenue and cash flow generation
- Experienced management team with broad industry and academic experience

NeoStem Has an Integrated Business Model

- Develops breakthrough therapeutic products in cell therapy for unmet medical needs around a significant IP portfolio
- Benefits from growth of the regenerative medicine industry through revenue generating development and manufacturing service business



Developing a Portfolio of Cell Therapy Products that Leverages the Body's Natural Ability to Heal and Fight Disease

Built for Success in Regenerative Medicine

Cardiovascular disease*

- Acute myocardial infarction – PreSERVE Phase 2 Study
- Congestive heart failure – Preparing for Phase 1b/2a
- Traumatic brain injury – Preclinical

** These cells (AMR-001) are autologous and not expanded*

Autoimmune disorders

- Type 1 diabetes – Phase 2 IND preparation
- Steroid resistant asthma – Preparing for Phase 1b/2a
- Organ transplant tolerance – Phase 1 IND submitted

Tissue regeneration

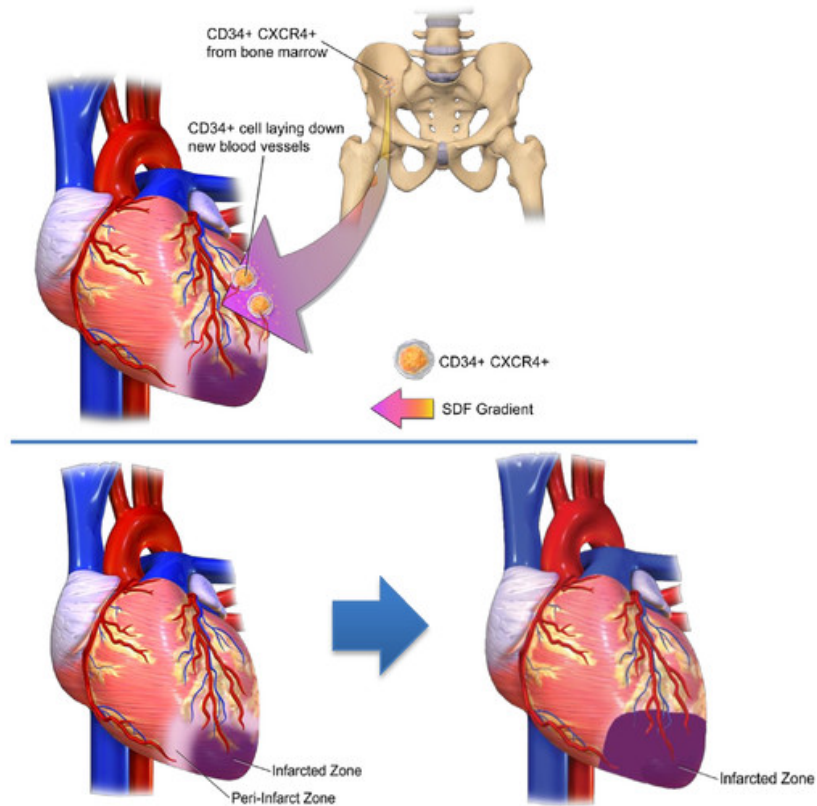
- IND expected to be filed in one of the following indications:
macular degeneration, wound healing, bone regeneration



Enhancing the Body's Natural Repair Mechanism to Treat Cardiovascular Disease

AMR-001 Brings Repair System to the Heart in Order to Preserve Function After a STEMI

- CD34⁺CXCR4⁺ Cells are a natural repair mechanism
- A consequence of inadequate perfusion (microvascular insufficiency) after a heart attack is apoptosis and progressive cardiomyocyte loss in the peri-infarct zone, leading to infarct expansion
- ST Segment Elevation MI (STEMI) patients are at a high risk of a progressive deterioration in heart muscle function that leads to arrhythmia, recurrent myocardial infarction, congestive heart failure and premature death



PreSERVE Phase 2 Study

Indication Post-AMI preservation of cardiac function

Key Inclusion Criteria Confirmation of ST Elevation MI (STEMI); ejection fraction \leq 48% at day 4; state of the art care post stenting

Location and Number of Subjects United States, 60 centers, 160 patients (enrollment completed)

Design Double blind, placebo controlled, randomized (1:1)

Primary Endpoint Change in cardiac perfusion (RTSS by SPECT) from baseline to 6 months

Other Endpoints Secondary endpoints to determine preservation of cardiac function and clinical events:

- CMR to measure LVEF, LVESV, LVEDV, regional myocardial strain, infarct/peri-infarct regional wall motion abnormalities, and infarct size (baseline and 6 months)
- Quality of Life measures: (KCCQ & SAQ)
- Reduction in cumulative MACE and other adverse clinical cardiac events at 6, 12, 18, 24, and 36 months

Treatment Single dose via infarct related artery with minimum dose for release \geq 10MM CD34+ cells

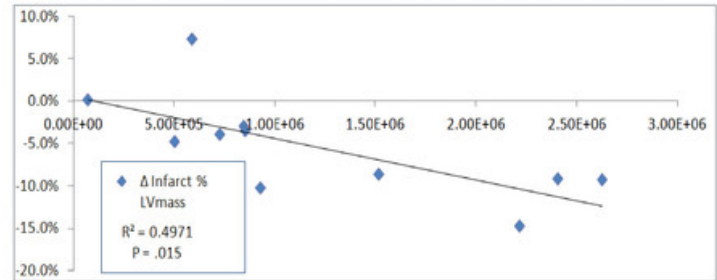
Phase 1 Results Point to AMR-001 Potential

Dose Response Correlated with Mobile CD34+ Cells

- Patients dosed \geq the threshold dose of 10 million cells showed significant improvement in perfusion

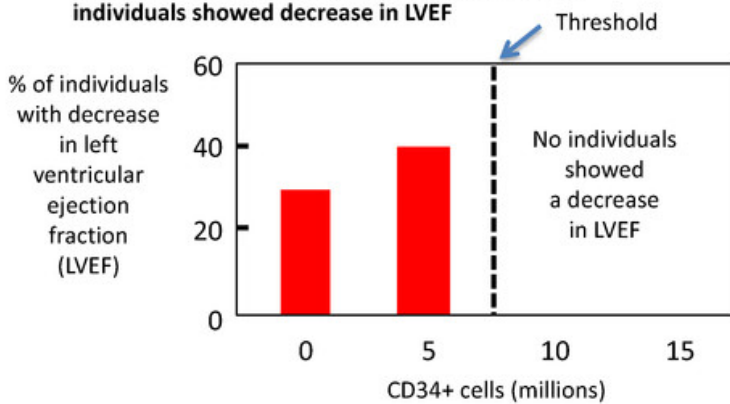
RTSS (Hypoperfusion)				
Cohort	Base Line	6 months	Delta	% Change
Control	259.0	273.5	+14.5	+5.6
5M Cells	714.2	722.0	+7.8	+1.1
10M Cells	998.6	635.8	-362.8	-36.4
15M Cells	584.0	462.0	-122.0	-20.9

- Increasing doses of CD34+CXCR4+ SDF-1 mobile cells reduced the size of the infarct region as measured by CMR



$Y = \Delta \text{ Infarct \% LV Mass, } X = \text{ Dose of SDF1 mobile CD34 cells}$

- At threshold dose of 10 million cells or more, no individuals showed decrease in LVEF

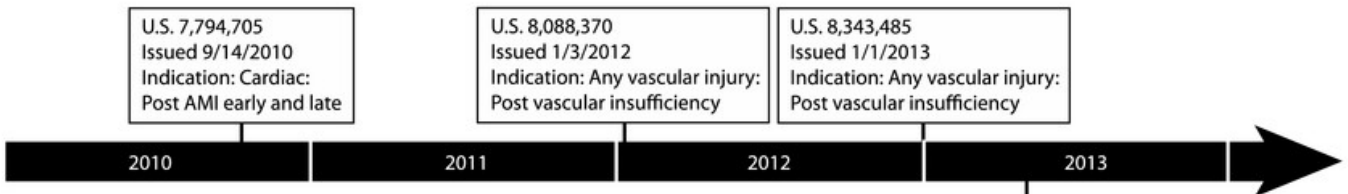


Quyyumi AmHTJ 2011 and data on file

- DSMB determined that no adverse events were related to therapy
- Bone marrow derived cells: Likely safe and positive impact on mortality (Cochrane Collaboration Review, 2012)

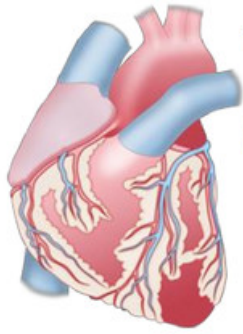
Intellectual Property

- Broad and growing patent portfolio supports cardiac and other ischemic conditions
- NeoStem's patent claims cover a pharmaceutical composition that contains a therapeutic concentration of non-expanded CD34+ CXCR4+ stem cells that move in response to SDF-1, together with a stabilizing amount of serum, and that can be delivered parenterally through a catheter to repair an injury caused by vascular insufficiency.
- 4 issued and allowed US composition of matter and methods patents:



- 8 issued OUS composition of matter and method patents:
 - Japan, South Africa, Malaysia, Philippines, Canada, Russia
- Patent Applications: 24 active US and OUS patents pending
- Issued and pending claims can be applied to other conditions caused by underlying ischemia, including: chronic myocardial ischemia post-AMI, congestive heart failure, critical limb ischemia and ischemic brain injury

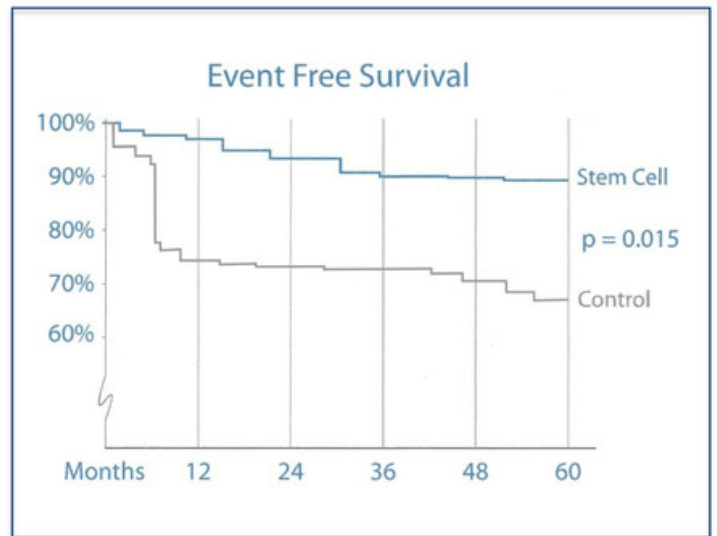
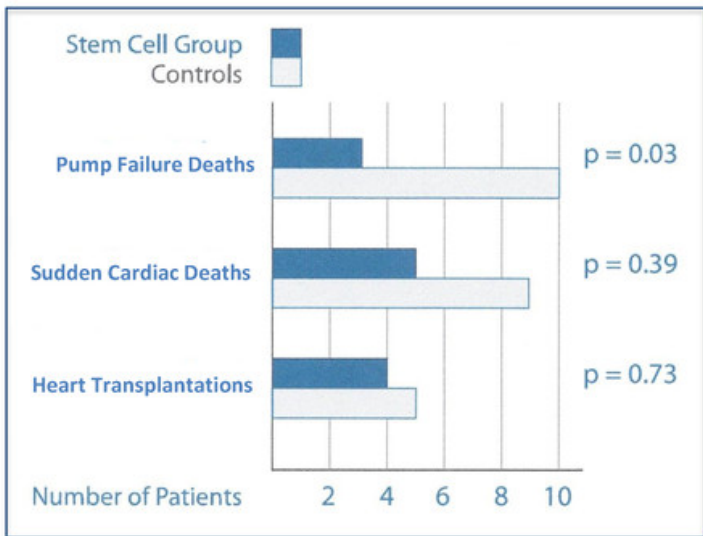
U.S. 8,425,899
Issued 4/23/2013
Indication: Progressive myocardial injury: Post AMI



What's Next? Congestive Heart Failure

- Additional indication for AMR-001 autologous therapy
- Plan to leverage AMI data to accelerate CHF development
- Significant need - prevalence of over 23 million worldwide
- Preparing for IND filing and Phase 1b/2a clinical trial
- Therapy would enable larger distribution (not limited to mapping systems)

CD34+ Stem Cell Therapy Significantly Improves Event Free Survival at 5 Years in Patients with Dilated Cardiomyopathy




Adapted from Vrtovec et al, Circ Res published online 10/12/12

Note: 110 patients (open label, 55 treated with cells and 55 standard of care)

The Ability to Reestablish Immune Tolerance in Order to Turn Off Autoimmunity

Using Treg Cells to Restore Immune Balance

- Treg therapy represents a novel approach for restoring immune balance by enhancing T-regulatory cell number and function¹
-  **BD** Partnership with Becton Dickinson (16.7% ownership of Athelos)
- Immune-mediated diseases such as graft-versus-host-disease (GVHD), autoimmune disorders such as type 1 diabetes and multiple sclerosis, and allergic conditions, are a result of an imbalance between T-effector cells and T-regulatory cells (Treg)
- Exclusive rights to 22 issued patents covering isolation, activation, expansion and methods of treating or preventing certain conditions and/or diseases using Tregs in US and major international markets

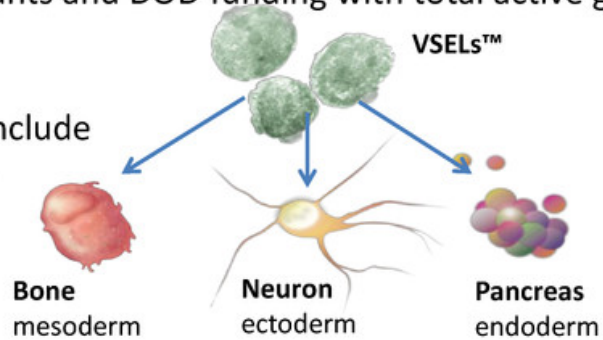
Recent Advancements in the Treg Program

- Type 1 diabetes affects over 34 million worldwide
 - Advancing to Phase 2 study expected to launch in 2014 through collaboration with Drs. Jeffrey Bluestone and Qizhi Tang (UCSF), expected to be partially funded by NeoStem and expected to take two years to complete
- Severe asthma affects 60 million worldwide
 - Designing protocol for Phase 1b/2a steroid resistant asthma study with Drs. William Busse (University of Wisconsin), Mario Castro (Washington University, St. Louis), Prescott Woodruff (UCSF), expected to launch in 2H 2014

VSELs™ Hold Promise to Repair Damaged Tissue Throughout a Patient's Life

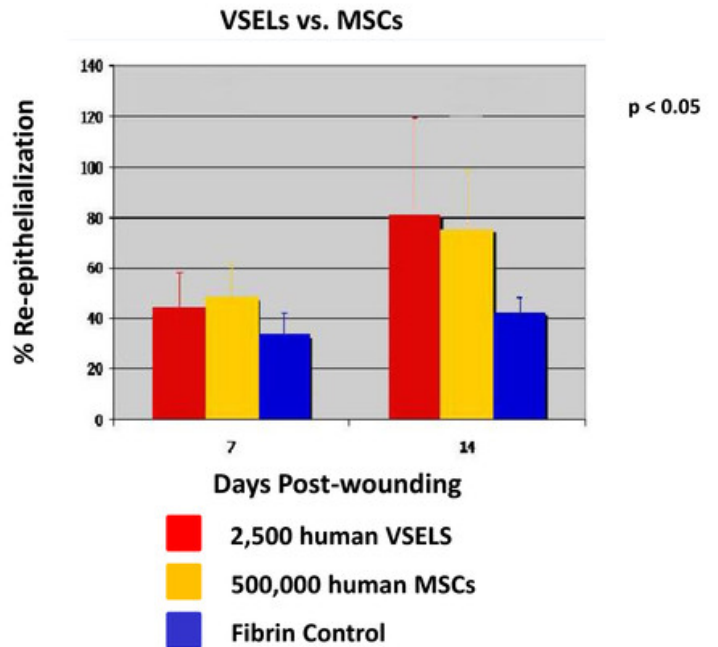
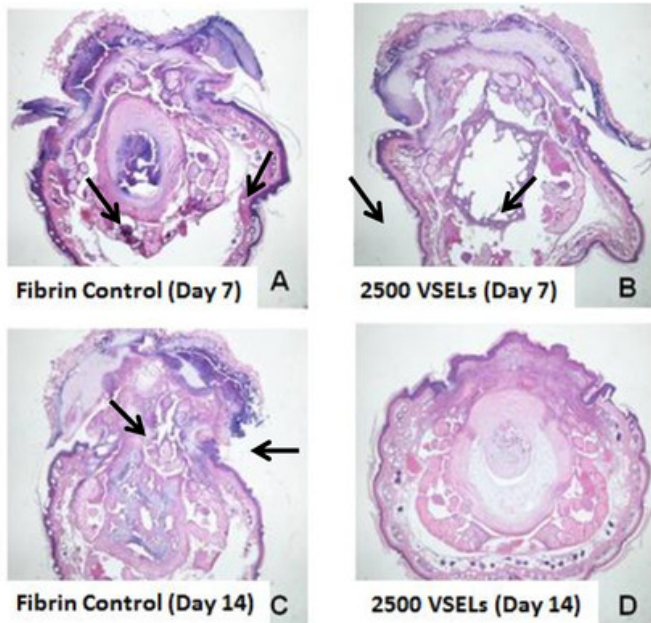
Regenerative Medicine Potential

- Preliminary data generated by third party collaborators in animal models have indicated that highly enriched human very small embryonic-like stem cells (VSELS™) are able to integrate, differentiate and potentially regenerate into all basic cell types (mesoderm, ectoderm, endoderm)
- Unlike classically defined “pluripotent” stem cells, it is believed that VSELS™ do not contribute to teratoma formation
- NeoStem has 7 families of patents pending for method of treatment and isolation claims that dovetail with the indications that we are pursuing
- Pre-clinical work financed largely by grants and DOD funding with total active grant awards of over \$4.5 million
- Treatment indications being explored include macular degeneration, wound healing, and bone regeneration

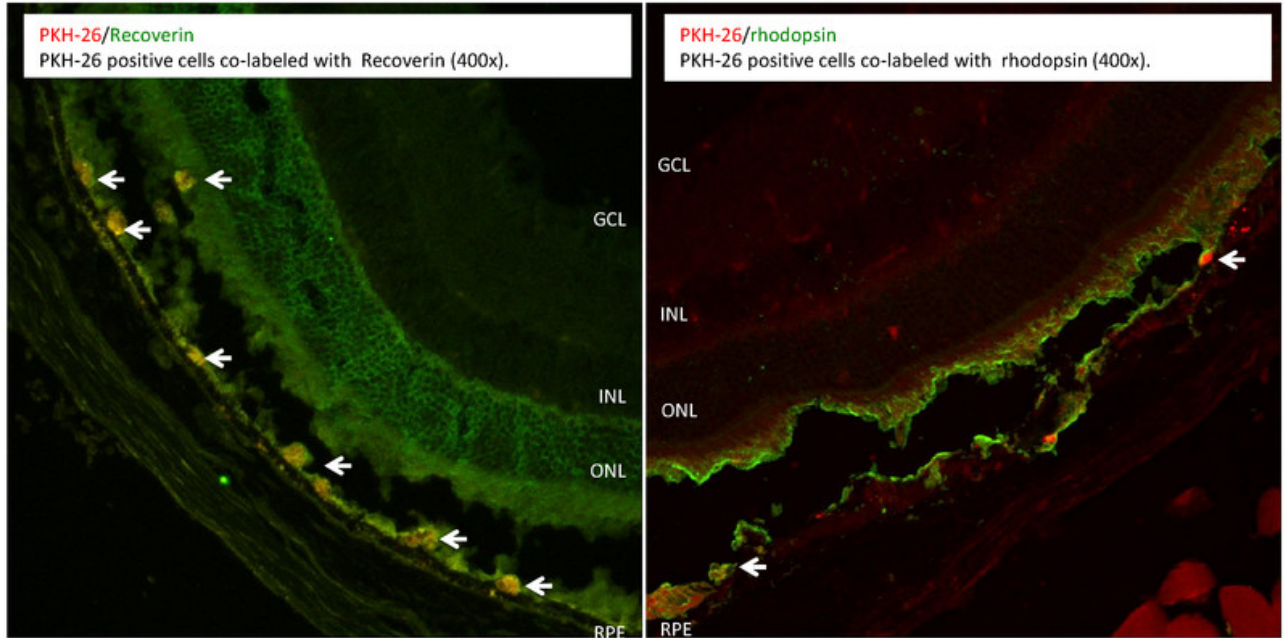


Human VSELS™ Accelerate Healing in a SCID Mouse Complex Tail Wound Model

- Preliminary data in a preclinical model of severe complex wounds suggest that VSELS™ may be more effective in accelerating healing than mesenchymal stromal cells



Preliminary Data Suggest Human VSELs™ Injected into a Mouse Sub-Retinal Space Integrate and Show Differentiation Potential *in situ*



Eminli, S. et al. Exploring the use of human very small embryonic-like stem cells (VSELs) isolated from adult peripheral blood for therapy of dry age-related macular degeneration (AMD). ISSCR 2012 Annual Meeting, Yokohama, Japan. Poster presentation.

Large and Small Companies in The Cell Therapy Industry Outsource Services For All or Part of Their Manufacturing Needs



15-Year Track Record of Success

- Provides established, high quality manufacturing capabilities and support to developers of cell-based therapies, from preclinical supplies through to commercialization at two strategically located facilities
 - Outsourcing improves efficiencies and profitability and reduces capital investment
- Demonstrated regulatory expertise having successfully completed 50+ EU and US regulatory filings and worked with a client through all phases of clinical trials, to BLA submission, and product approval by FDA
- Initiatives focused on lowering cost of goods and increasing gross profits through innovation, engineering and automation
- Pursue commercial expansion of manufacturing in the US and internationally

Allendale, New Jersey (30,000 ft²)
ISO Class 7 / Class 10,000 suites
ISO Class 6 / Class 1,000 suite
Additional build out underway –
expected online 1Q 2014



Mountain View, California (25,000 ft²)
ISO Class 7 / Class 10,000 suites
Additional build out underway –
expected online 1Q 2014



What Could Outsourced Manufacturing Ultimately Mean For The Company?

*Examples of Contract Services Potential from Conception to Commercialization**

	Low Complexity Product	Medium Complexity Product	High Complexity Product
Pre-clinical Drug Discovery Contracts	12 to 18 Month Engagement \$50,000 to \$250,000	12 to 24 Month Engagement \$250,000 to \$500,000	24 to 36 Month Engagement \$500,000 to \$1,000,000
Phase 1 Clinical Trial Manufacturing Contract	6 to 12 Month Eng. 5 to 25 Units Produced \$250,000 to \$750,000	12 to 18 Month Eng. 25 to 50 Units Produced \$625,000 to \$1,250,000	12 to 24 Month Eng. 50 to 100 Units Produced \$1,000,000 to \$2,000,000
Phase 2 Clinical Trial Manufacturing Contract	12 to 18 Month Eng. 25 to 50 Units Produced \$625,000 to \$1,250,000	12 to 24 Month Eng. 100 to 200 Units Mfg. \$2,000,000 to \$4,000,000	18 to 36 Month Eng. 200 to 400 Units Mfg. \$3,000,000 to \$6,000,000
Phase 3 Clinical Trial Manufacturing Contract	12 to 18 Month Eng. 50 to 100 Units Produced \$1,000,000 to \$2,000,000	24 to 48 Month Eng. 200 to 400 Units Mfg. \$3,000,000 to \$6,000,000	24 to 48 Month Eng. 400 to 1,000 Units Mfg. \$4,000,000 to \$10,000,000
Commercial Manufacturing Contract	Est. Peak Annual Sales 2,500 to 5,000 Units \$38M to \$75M / Yr.	Est. Peak Annual Sales 10,000 to 25,000 Units \$80M to \$200M / Yr.	Est. Peak Annual Sales 25,000 to 50,000 Units \$125 to \$250M / Yr.

*Based on industry experience and estimated potential future commercial manufacturing in the industry

Management Highlights



Robin Smith, MD, MBA

CEO & Chairman of the Board

- Leading NeoStem since 2006, completing five acquisitions & one divestiture, raising over \$180 million
- Extensive and diversified experience in executive and board level capacities for medical enterprises and healthcare-based entities



Robert A. Preti, PhD

Chief Scientific Officer, President of PCT

- One of the country's leading authorities on cell engineering and co-founder of PCT
- 10 years experience as Director of Hematopoietic Stem Cell Processing & Research Laboratory



Robert Dickey IV

Chief Financial Officer

- Over 15 years management experience at life sciences companies, following a career as an investment banker



Stephen W. Potter, MBA

Executive Vice President

- Biotech and pharma experience: Osiris Therapeutics (approval of Prochymal®, first-ever stem cell drug therapy), Genzyme, DuPont Pharmaceuticals, Booz Allen & Hamilton



Andrew L. Pecora, MD, FACP

Chief Visionary Officer, CMO of PCT, CSO of Amorcyte

- Chief Innovations Officer at John Theurer Cancer Center at Hackensack University Medical Center
- Co-founder of PCT with significant experience in design and conduct of clinical trials, IRB practices, and payor relationships



David Altarac, MD, MPA

Vice President, Regulatory Affairs

- Extensive experience in U.S. and global regulatory affairs, including strategy, operations, labeling and departmental leadership
- 13 year tenure at Merck, most recently VP, Regulatory Affairs Emerging Markets R&D



Douglas W. Losordo, MD, FACC, FAHA

Chief Medical Officer

- Leader in cell therapy research and renowned cardiologist
- Obtained over \$35 million in NIH funding during career-long efforts to develop novel therapeutics



Jonathan Sackner-Bernstein, MD, FACC

Vice President, Clinical Development

- Internationally recognized clinical researcher in cardiology
- 20 years experience in clinical practice, medical research and healthcare management

Board of Directors

Robin Smith, MD, MBA <i>CEO & Chairman of the Board</i>	<ul style="list-style-type: none">• MD – Yale; MBA – The Wharton School• Formerly President & CEO IP2M, EVP & CMO HealthHelp• Experience - Trustee of NYU Medical Center; Chairman of the Board of NYU Hospital for Joint Diseases (through November 2009) and Stem for Life Foundation
Richard Berman <i>(Independent)</i>	<ul style="list-style-type: none">• Over 35 years of venture capital, management, M&A experience• Experience – Current Board of Directors of Apricus Biosciences, Easylink Services International, Inc., Advaxis, Inc., Broadcaster, Inc., National Investment Managers
Drew Bernstein, CPA <i>(Independent)</i>	<ul style="list-style-type: none">• BS – University of Maryland Business School• Licensed in State of New York; member AICPA, NYSSCPA and NSA• Experience – Bernstein & Pinchuk LLP (member of BDO Seidman Alliance); PRC auditing; 200+ real estate transactions with \$3B+ aggregate value; accountant and business advisor
Martyn Greenacre, MBA <i>(Independent)</i>	<ul style="list-style-type: none">• BA – Harvard College; MBA – Harvard Business School• Experience – Board and executive positions for multiple biopharmaceutical companies; Former CEO of Delsys Pharmaceutical Corporation and Zynaxis Inc; Chairman of the Board of BMP Sunstone Corporation
Steven Myers <i>(Independent)</i>	<ul style="list-style-type: none">• BS Mathematics – Stanford University• Experience – Founder/Chairman/CEO SM&A (competition management services); career in aerospace and defense sectors supporting DoD & NASA programs
Andrew Pecora, MD, FACP <i>Chief Visionary Officer, CMO of PCT, CSO of Amorcyte</i>	<ul style="list-style-type: none">• MD – University of Medicine and Dentistry of New Jersey• Experience – Chief Innovations Officer, Professor and Vice President of Cancer Services at John Theurer Cancer Center at Hackensack University Medical Center, and Managing Partner of the Northern New Jersey Cancer Center
Eric Wei <i>Managing Partner, RimAsia Capital Partners</i>	<ul style="list-style-type: none">• BS Mathematics & Economics – Amherst College; MBA – Wharton• Experience – Founder/Managing Partner of RimAsia Capital Partners (private equity); Peregrine Capital, Prudential Securities, Lazard Freres, Citibank; Gilbert Global Equity Partners Crimson Asia Capital Partners

Key Metrics

Market Metrics

Market Capitalization⁽¹⁾	\$177M
Recent Price⁽²⁾	\$6.53
52 Week Range⁽²⁾	\$5.00 - \$9.89
Float⁽¹⁾	23.9M
Insider Holdings⁽²⁾	11.6%

Financial Metrics

Revenue⁽³⁾	\$10.6M	(Jan. – Sept. 2013)
Cash⁽³⁾	\$16.9M	
Additional Cash⁽⁴⁾	\$38.4M	
Common Shares Outstanding⁽¹⁾	27.0M	
Warrants⁽²⁾	4.9M	(avg. warrant exercise price of \$16.61 – mostly callable)
Options⁽²⁾	2.8M	(avg. option exercise price of \$11.16)

- Cash position is expected to be sufficient to fund current operations into 2015 -

1) As of November 6, 2013, based on 27.0 million shares outstanding and a \$6.53 share price






2) As of November 6, 2013 (Source: NeoStem)

3) As of September 30, 2013 (Source: NBS September 30, 2013 10Q)

4) Net proceeds raised through warrant and option exercises and issuance of stock between October 1, 2013 and November 6, 2013 (Source: NeoStem)

NeoStem Milestones

• Therapeutic Pipeline

- First data readout for PreSERVE-AMI Phase 2 trial in 3Q 2014 
- File IND and commence enrollment for Phase 1b/2a AMR-001 CHF trial in 2014 
- Advancing towards VSEL™ human trials 
- Advancing Treg cell program to launch Phase 2 trial in type 1 diabetes in 2014 
- Advancing Treg cell program to launch Phase 1b/2a trial in steroid resistant asthma in 2H 2014 
- Grow through strategic transactions and business development relationships

• Commercial Operations

- Product and service expansion transaction(s)
- Cell therapy automation to lower cost and improve efficiency
- Manufacturing expansion in US and internationally

Corporate Goals

Drive shareholder value through...

- 1) Growing a successful global cell therapy contract development and manufacturing business 
- 2) Developing breakthrough therapeutic products in cell therapy for unmet medical needs around a strong IP portfolio, becoming a global leader in regenerative medicine, improving clinical outcomes and driving the reduction of overall healthcare costs through the development of cell therapies
- 3) Continuing to build the Company through strategic transactions, partnerships and relationships (Vatican, DoD) including M&A with a demonstrated track record having completed multiple mergers and one divestiture
- 4) Educating consumers and the investor community on the paradigm shift in medicine and benefits of cell therapy

Contact Information

NeoStem, Inc.

NASDAQ: NBS

www.neostem.com

Robin Smith, MD, MBA

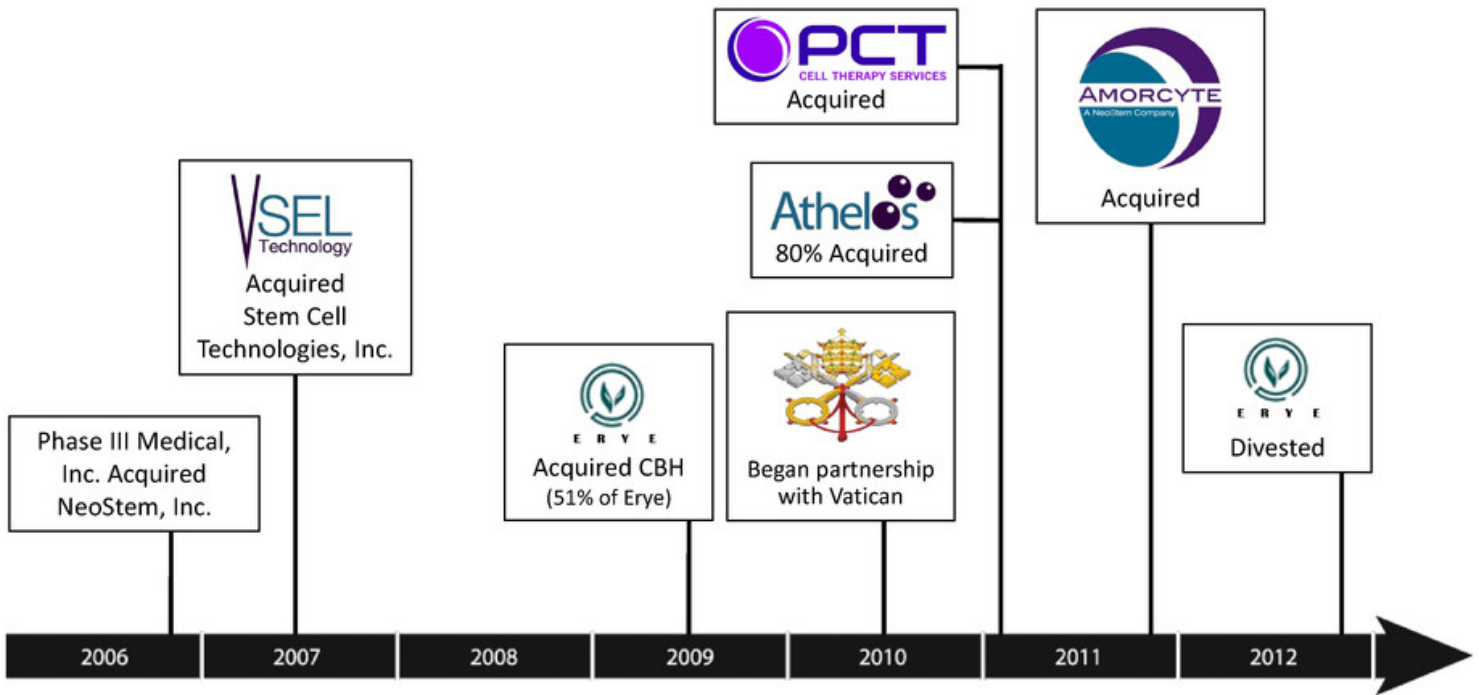
Chairman & CEO

Phone: (212) 584-4174

Email: rsmith@neostem.com

Appendix

Since 2006, We Have Accessed Over \$183 Million and Completed Multiple M&A Transactions and One Divestiture



Amorcyte Scientific Advisory Board

Andrew L. Pecora, MD, FACP, CPE, *SAB Administrative Chairman*
Chief Scientific Officer, Amorcyte

Hackensack University Medical Center

Eugene Braunwald, MD, FRCP

Brigham & Women's Hospital

Bernard J. Gersh, MD, ChB, DPhil, FRCP

The Mayo Clinic

Dean J. Kereiakes, MD, FACC

The Christ Hospital Heart of Greater Cincinnati

Douglas L. Mann, MD, FACC

Washington University School of Medicine

Emerson C. Perin, MD, PhD, FACC

Texas Heart Institute

Bertram Pitt, MD

University of Michigan School of Medicine

Arshed Quyyumi, MD, FRCP, FACC, *Principal Investigator, PreSERVE Trial*

Emory University School of Medicine

Edmund K. Waller, MD, PhD, FACP

Emory University School of Medicine

James T. Willerson, MD

University Texas Health Science Center

Joseph Wu, MD, PhD

Stanford University School of Medicine

Athelos Scientific Advisory Board

Robert A. Preti, PhD

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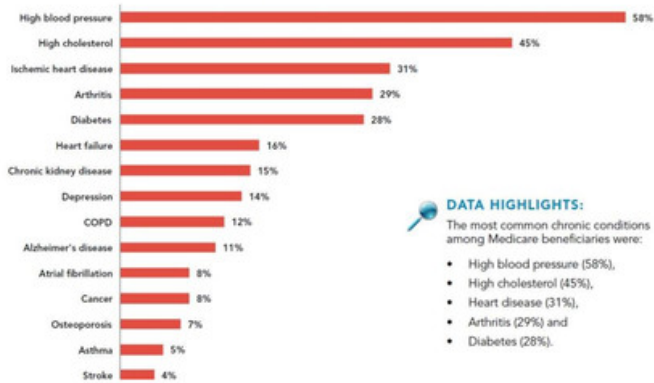
Academic Collaborators

Mariusz Ratajczak, MD, PhD, Dsci	University of Louisville
Russell Taichman, DMD, DMSc	University of Michigan
Vincent Falanga, MD	Boston University
Kameran Lashkari, MD	Schepens Eye Institute, Harvard Medical School
Song Li, PhD	University of California, Berkeley

High Cost of Cardiovascular Disease

- \$2.7 trillion dollars is spent annually on health care costs, currently 18% of US GDP¹

Figure 1.1a Percentage of Medicare FFS Beneficiaries with the 15 Selected Chronic Conditions: 2010



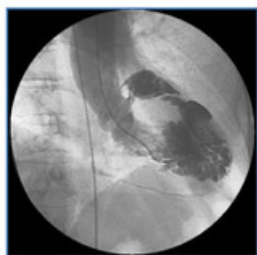
- Cardiovascular disease costs over \$445 billion today and projected to increase to \$1 trillion by 2030²

- 1) Center for Medicare and Medicaid, statistics for 2011
- 2) American Heart Association, Policy Statement January 24, 2011

Phase 1 Trial Design for AMR-001

Indication	Post-AMI with LVEF \leq 50% and wall motion abnormality in the myocardium of the IRA
Primary Endpoint	Safety in post-AMI patients
Other Endpoints	RTSS* (Perfusion); LVEF; ESV; SDF mobility
Key Inclusion Criteria	Confirmation of ST Elevation MI; Ejection fraction \leq 50% 96 hours post stenting
Dosing Frequency	Single dose
Groups and Randomization	3 dose cohorts (5, 10, 15 million cells, randomized 1:1, open-label)
Number of Subjects	N=31
Number of Sites	4 (incl. Emory University, Texas Heart Institute, Vanderbilt, Cincinnati)
Geography	United States
Trial Duration	6 months

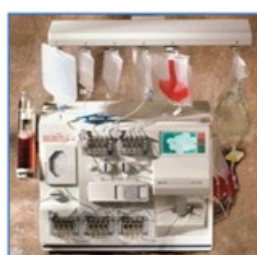
Day 1: Ventriculography



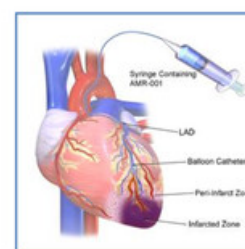
Day 4: CMR



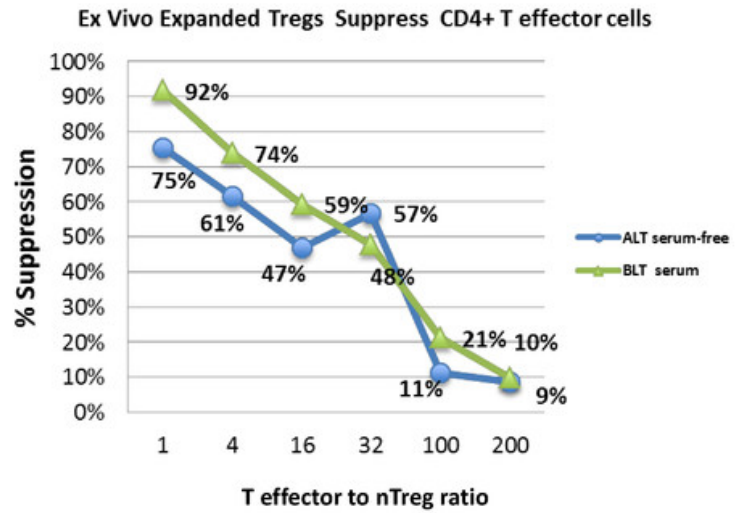
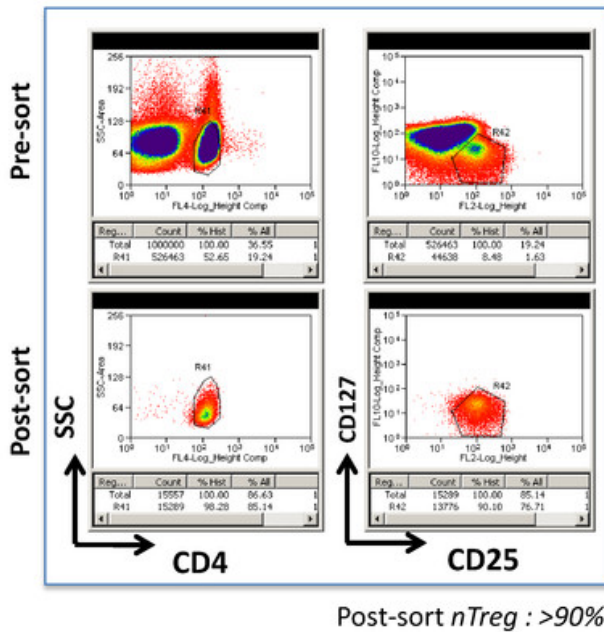
Day 5-8:
6-8 Hour Cell Separation Process



Day 6-10:
Injection into the IRA



Ex vivo Expanded Human Tregs Show Safety and Potential Efficacy in Early Clinical Trials



NeoStem Completes Patient Enrollment in Phase 2 AMR-001 Trial for Prevention of Adverse Cardiovascular Events Following a Heart Attack**PreSERVE AMI Data Readout Expected in Third Quarter 2014**

NEW YORK, Dec. 16, 2013 (GLOBE NEWSWIRE) -- NeoStem, Inc. (Nasdaq:NBS) ("NeoStem" or the "Company"), a leader in the emerging cellular therapy industry, today announced completion of enrollment in its PreSERVE AMI study. PreSERVE AMI is a randomized, double-blind placebo-controlled Phase 2 clinical trial testing NeoStem's lead product candidate, AMR-001, an autologous adult stem cell product for the treatment of patients with left ventricular dysfunction following acute ST segment elevation myocardial infarction (STEMI). With infusion of the target population of 160 patients complete, NeoStem expects data readout in the third quarter of 2014.

Dr. Jonathan-Sackner Bernstein, Vice President of Clinical Development, said, "With completion of enrollment, we are now closer to demonstrating the impact of AMR-001 in patients with left ventricular dysfunction after suffering a STEMI. We thank our patients, study coordinators, and investigators for their time and dedication to the study."

"With the timely achievement of full enrollment in this clinical trial we look forward to our clinical team applying the same successful tactics to the launch and execution of a planned Phase 2 study evaluating regulatory T cells for the treatment of type 1 diabetes and a planned Phase 1b/2a study in refractory asthma patients, both expected to launch in 2014," stated Dr. Douglas Losordo, Chief Medical Officer of NeoStem.

"NeoStem's cumulative manufacturing and clinical development experience gained over the past 15 years in collecting, storing, manufacturing and delivering viable, approved and experimental cell therapies for thousands of patients through its subsidiary Progenitor Cell Therapy, including that acquired through the manufacturing of Provenge® for prostate cancer from Phase 1b through Phase 3b (FDA approved in 2010), collectively demonstrates the Company's ability to efficiently develop, manufacture and distribute multiple commercially viable applied cell therapies for ourselves and our clients," said Dr. Andrew Pecora, Director and Chief Visionary Officer of NeoStem.

"The completion of the enrollment of the PreSERVE AMI Phase 2 clinical trial in 60 medical centers across the United States to treat an acute heart attack (STEMI) with a patient's own adult stem cells derived from their bone marrow further validates our ability to progress logistically complex applied cell therapies through the development pipeline in acutely ill patients and is an infrastructure we will continue to utilize for our internal development," said Dr. Robin L. Smith, Chairman and CEO of NeoStem.

About STEMI

ST segment elevation myocardial infarction (STEMI) is the most dangerous type of myocardial infarction (or heart attack) and is determined by an electrocardiogram test. In the United States, there are more than 160,000 patients per year who suffer a STEMI, resulting from a sudden blockage of one of the arteries that supplies nutrient-rich blood to the heart muscle. STEMI patients are at a high risk of a progressive deterioration in heart muscle function that leads to arrhythmia, revascularization procedures, recurrent myocardial infarction, left ventricular dysfunction, congestive heart failure and premature death. Treatment of these patients post-heart attack represents a significant financial burden for many managed care programs. We expect this burden will increase as the "baby boomer" population ages and the annual number of STEMI likely increases. AMR-001, if approved, could provide a significant pharmacoeconomic benefit by preventing downstream cardiac adverse events.

About NeoStem, Inc.

NeoStem, Inc. is a leader in the emerging cellular therapy industry. Our business model includes the development of novel proprietary cell therapy products as well as operating a contract development and manufacturing organization providing services to others in the regenerative medicine industry. The combination of a therapeutic development business and revenue-generating service provider business provides the Company with capabilities for cost effective in-house product development and immediate revenue and cash flow generation.

For more information, please visit www.neostem.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements reflect management's current expectations, as of the date of this press release, and involve certain risks and uncertainties. Forward-looking statements include statements herein with respect to the successful execution

of the Company's business strategy, including with respect to the successful development of cellular therapies, including with respect to AMR-001 and regulatory T cells, the future of the regenerative medicine industry and the role of stem cells and cellular therapy in that industry and the Company's ability to successfully grow its contract development and manufacturing business. The Company's actual results could differ materially from those anticipated in these forward-looking statements as a result of various factors. Factors that could cause future results to materially differ from the recent results or those projected in forward-looking statements include the "Risk Factors" described in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 11, 2013 and in the Company's periodic filings with the SEC. The Company's further development is highly dependent on future medical and research developments and market acceptance, which is outside its control.

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