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BioRestorative Therapies Announces Promising Data to Advance its Program for the Treatment of Metabolic Disorders

Potential Cell Delivery System for the Treatment of Type 2 Diabetes, Obesity, Hyperlipidemia and Hypertension

MELVILLE, N.Y., May 23, 2016 (GLOBE NEWSWIRE) -- BioRestorative Therapies, Inc. ("BRT" or "the Company") (OTCBB:BRTX), a life sciences company focused on stem cell-based therapies, today announced that promising data has been developed on the transplantation of human stem cell-derived tissue engineered brown fat into an encapsulation device to be used as a cell delivery system for the Company's metabolic platform program for the treatment of type 2 diabetes, obesity, hyperlipidemia and hypertension. This advancement may lead to successful transplantation of brown fat in humans.

The Company's study entitled, "***In Vitro* Evaluation of an Encapsulation System for the Transplantation of a Human Stem Cell-Derived Tissue Engineered Brown Fat**" has been accepted for presentation at the upcoming International Society for Cellular Therapy (ISCT) Annual Meeting (Singapore, May 25 – 28, 2016). The study showed how brown adipose-derived stem cells, that were differentiated step-wise to functional 3D brown adipocyte constructs, were loaded into an encapsulation device designed to be used as a cell-based therapeutic for treating metabolic disorders. These cells appear to display high viability and they differentiated into metabolically active brown adipocytes as shown by UCP-1 expression.

By successfully seeding human brown adipose derived stem cells into an encapsulation device, the Company is advancing the development of its cell therapy program to treat metabolic disorders. The Company's study is expected to progress its program to enable transplanted brown adipose cells to effectively maintain or regulate normal metabolism in humans. BRT is evaluating the next generation of brown adipose tissue constructs that will first be tested in small animal models. No assurance can be given that this delivery system will be effective *in vivo* in animals or humans.

"We are encouraged with these results and look forward to continuing our efforts in achieving our goals to develop novel cell-based therapies for the treatment of metabolic disorders," said Mark Weinreb, CEO.

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 (brtxDISC™):** 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 protruding and bulging lumbar discs in patients suffering from chronic lumbar disc disease. The BRTX-100 production process involves collecting a patient's bone marrow, isolating and culturing stem cells from the bone marrow and cryopreserving the cells. BRTX-100 is then injected by a physician into the patient's damaged disc in an outpatient procedure. The treatment is intended for patients whose pain has not been alleviated by non-invasive procedures and who potentially face the prospect of surgery.
- **Metabolic Program (ThermoStem®):** We are developing a cell-based therapy 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 the body 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 those set forth in the Company's 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.

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