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## BioRestorative Therapies' ThermoStem® Brown Fat Stem Cell Study to be Published in Stem Cells

JUPITER, Fla.--(BUSINESS WIRE)-- **BioRestorative Therapies, Inc. ("BRT" or the "Company") (OTCBB:BRTX)**, a life sciences company focused on adult stem cell-based therapies for various personal medical applications, today announced that its ThermoStem® program has led to a study to be published in the peer-reviewed journal *Stem Cells*. The newly identified human adult brown fat stem cells discussed in the study have the potential to lead to the development of a cell-based method for the treatment of type 2 diabetes and obesity.

The study incorporates the Company's preclinical research demonstrating that functional brown adipocytes, differentiated from human adult brown adipose (fat)-derived stem cells (BADSCs), produce improvements in mice with diet-induced metabolic disorder. These studies provide proof-of-concept for the therapeutic potential of these newly identified BADSCs in the treatment of metabolic disorders such as diabetes. The published study is available online [here](#).

The results of this study show for the first time that a multipotent stem cell population exists in human adult brown adipose depots and that this population can be differentiated into metabolically functional brown adipocytes. Brown adipocytes are key cells that are involved in energy homeostasis and metabolism. In humans, loss of brown adipose (fat) activity may account for the lower metabolism often associated with diabetes and obesity.

Mark Weinreb, CEO of BRT, commented, "We are very excited to have our work published in *Stem Cells*. This peer-reviewed publication of our research is an important milestone for our company, and serves to validate the work we are doing and the potential use of brown adipocytes to treat and control the metabolic diseases that are straining our healthcare system. We look forward to continuing to advance this approach to treating diabetes and obesity with additional research," Weinreb added.

This study was conducted in collaboration with a team of researchers at the University of Utah School of Medicine.

### About BioRestorative Therapies, Inc.

BioRestorative Therapies, Inc. ([www.biorestorative.com](http://www.biorestorative.com)) develops products and medical procedures using cell and tissue protocols, primarily involving adult stem cells, including:

- **brtxDISC™** (Disc Implanted **S**tem **C**ells) is an investigational non-surgical treatment for bulging and herniated lumbar discs that is intended for patients who have failed non-invasive procedures and face the prospect of surgery. The treatment involves

culturing a patient's own stem cells and then delivering them via a proprietary medical device to the damaged region of the disc in an outpatient procedure.

- **ThermoStem®** is a treatment using brown fat stem cells that is under development for metabolic disorders including diabetes and obesity. 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.
- **brtx-C Cosmetic** is based on the development of a human cellular extract that has been demonstrated in *in vitro* skin studies to increase the production of collagen and fibronectin, which are proteins that are essential to combating the aging of skin. Potential cosmetic uses are being explored with third parties.

The Company also offers plant stem cell-based facial creams and beauty products under the **Stem Pearls®** brand at [www.stempearls.com](http://www.stempearls.com).

*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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