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For Immediate Release

BIOHEART, INC. PRESENTED CLINICAL TRIAL RESULTS AT THE AGE MANAGEMENT MEDICINE GROUP CONFERENCE

Sunrise, FL – April 30, 2014 – Bioheart, Inc. (BHRT.OB), a biotechnology company focused on the discovery, development and commercialization of autologous cell therapies, presented at the 16th Clinical Applications for Age Management Medicine Group conference and Scientific Seminar in Orlando, Florida April 24-27.

Kristin Comella, Bioheart's Chief Scientific Officer, presented for the first time the Angel 6 month trial data to hundreds of physicians and health care professionals. At the 6 month time point, patients are demonstrating an average improvement in exercise capacity or a six minute walk test of approximately 68 meters (p=.07) as compared to an average improvement of 47 meters at 3 months (p=0.12). Eighty percent of the patients showed an improvement in their exercise capacity from 3 months to 6 months post stem cell injection.

Another end point in the study is ejection fraction (EF) by echocardiogram. At the 3 month time point, 100% of the patients demonstrated either improvement or stayed the same. After 3 months, patients showed an average absolute improvement of 3 percentage points in ejection fraction (p=0.17). The patients continued to improve from 3 months to 6 months with a statistically significant average absolute improvement of 10 percentage points (p=0.01).

Comella also presented average improvements in Borg index and Minnesota Living with Heart Failure Questionnaire scores. The Angel trial has demonstrated a

strong safety profile and preliminary efficacy to allow the expansion of trials using adipose derived cells.

About Bioheart, Inc.

Bioheart, Inc. is dedicated to advancing the field of regenerative medicine by offering the highest quality technology, cellular treatments and training. Specific to biotechnology, Bioheart, Inc. specializes in the discovery, development and commercialization of autologous cellular therapies that treat a wide variety of degenerative diseases.

Bioheart, Inc. is committed to maintaining its leading position within the cardiovascular sector of the cell technology industry by delivering stem cell therapies and biologics that help address congestive heart failure, lower limb ischemia, chronic heart ischemia, acute myocardial infarctions, chronic and acute heart damage, peripheral vascular disease and other issues. Bioheart's goals are to improve a patient's quality of life by regenerating their damaged tissue, when possible, and by reducing health care costs and hospitalizations. Bioheart's leading product, MyoCell, is a clinical muscle-derived cell therapy designed to populate regions of scar tissue within a patient's heart with new living cells for the purpose of improving cardiac function in chronic heart failure patients.

For more information on Bioheart, visit www.bioheartinc.com, or visit us on Facebook: Bioheart and Twitter @BioheartInc.

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Forward-Looking Statements: Except for historical matters contained herein, statements made in this press release are forward-looking statements. Without limiting the generality of the foregoing, words such as "may," "will," "to," "plan," "expect," "believe," "anticipate," "intend," "could," "would," "estimate," or "continue" or the negative other variations thereof or comparable terminology are intended to identify forward-looking statements.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Also, forward-looking statements represent our management's beliefs and assumptions only as of the date hereof. Except as required by law, we assume no obligation to update these forward-looking statements publicly, or to update the reasons actual results could differ materially from those anticipated in these forward-looking statements, even if new information becomes available in the future.

The Company is subject to the risks and uncertainties described in its filings with the Securities and Exchange Commission, including the section entitled "Risk Factors" in its Annual Report on Form 10-K for the year ended December 31, 2013, and its Quarterly Report on Form 10-Q for the quarter ended September 30, 2013.