### Accepted Manuscript

Insulin resistance adipocyte-derived exosomes aggravate atherosclerosis by increasing vasa vasorum angiogenesis in diabetic ApoE-/- mice

Feng Wang, Fang-fang Chen, Yuan-yuan Shang, Ya Li, Zhi-hao Wang, Lu Han, Yi-hui Li, Lei Zhang, Yun Ti, Wei Zhang, Ming Zhong

PII: S0167-5273(18)30114-1

DOI: doi:10.1016/j.ijcard.2018.04.028

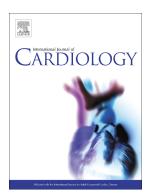
Reference: IJCA 26301

To appear in:

Received date: 8 January 2018 Revised date: 19 March 2018 Accepted date: 5 April 2018

Please cite this article as: Feng Wang, Fang-fang Chen, Yuan-yuan Shang, Ya Li, Zhi-hao Wang, Lu Han, Yi-hui Li, Lei Zhang, Yun Ti, Wei Zhang, Ming Zhong, Insulin resistance adipocyte-derived exosomes aggravate atherosclerosis by increasing vasa vasorum angiogenesis in diabetic ApoE-/- mice. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ijca(2017), doi:10.1016/j.ijcard.2018.04.028

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## **ACCEPTED MANUSCRIPT**

# Insulin Resistance Adipocyte-derived Exosomes Aggravate Atherosclerosis by Increasing Vasa Vasorum Angiogenesis in Diabetic ApoE<sup>-/-</sup> Mice

Feng Wang<sup>1,#</sup>, Fang-fang Chen<sup>1,#</sup>, Yuan-yuan Shang<sup>1</sup>, Ya Li<sup>1</sup>, Zhi-hao Wang<sup>1,2</sup>, Lu Han <sup>1,3</sup>, Yi-hui Li<sup>1</sup>, Lei Zhang<sup>1</sup>, Yun Ti<sup>1</sup>, Wei Zhang <sup>1</sup>, Ming Zhong <sup>1,\*</sup>

#### Addresses and affiliations:

<sup>1</sup>The Key Laboratory of Cardiovascular Remodeling and Function Research, Chinese Ministry of Education and Chinese Ministry of Health, and The State and Shandong Province Joint Key Laboratory of Translational Cardiovascular Medicine, Department of Cardiology, Qilu Hospital of Shandong University, Jinan, Shandong, China

\*Corresponding author: Ming Zhong, MD, PhD, E-mail: zhongmingzm@gmail.com.

The Key Laboratory of Cardiovascular Remodeling and Function Research, Chinese

Ministry of Education and Chinese Ministry of Health, and The State and Shandong

Province Joint Key Laboratory of Translational Cardiovascular Medicine, Department

of Cardiology, Qilu Hospital of Shandong University, Jinan, Shandong, China,

250012.

<sup>&</sup>lt;sup>2</sup> Department of Geriatric Medicines, Qilu Hospital of Shandong University, Jinan, Shandong, China

<sup>&</sup>lt;sup>3</sup> Department of General Practice, Qilu Hospital of Shandong University, Jinan, Shandong, China

<sup>&</sup>lt;sup>#</sup> These authors have contributed equally to this work.

#### Download English Version:

## https://daneshyari.com/en/article/8661907

Download Persian Version:

https://daneshyari.com/article/8661907

<u>Daneshyari.com</u>