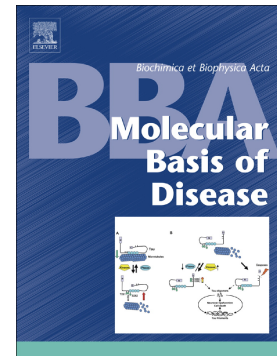


## Accepted Manuscript

Connexin43 and zonula occludens-1 are targets of Akt in cardiomyocytes that correlate with cardiac contractile dysfunction in Akt deficient hearts

Sangmi Ock, Wang Soo Lee, Hyun Min Kim, Kyu-Sang Park, Young-Kook Kim, Hyun Kook, Woo Jin Park, Tae Jin Lee, E. Dale Abel, Jaetaek Kim



PII: S0925-4439(18)30033-4

DOI: <https://doi.org/10.1016/j.bbadis.2018.01.022>

Reference: BBADIS 65038

To appear in:

Received date: 20 October 2017

Revised date: 12 January 2018

Accepted date: 23 January 2018

Please cite this article as: Sangmi Ock, Wang Soo Lee, Hyun Min Kim, Kyu-Sang Park, Young-Kook Kim, Hyun Kook, Woo Jin Park, Tae Jin Lee, E. Dale Abel, Jaetaek Kim, Connexin43 and zonula occludens-1 are targets of Akt in cardiomyocytes that correlate with cardiac contractile dysfunction in Akt deficient hearts. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbadis(2018), <https://doi.org/10.1016/j.bbadis.2018.01.022>

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.

# Connexin43 and zonula occludens-1 are targets of Akt in cardiomyocytes that correlate with cardiac contractile dysfunction in Akt deficient hearts

Sangmi Ock <sup>a†</sup>, Wang Soo Lee <sup>b†</sup>, Hyun Min Kim <sup>a</sup>, Kyu-Sang Park <sup>c</sup>, Young-Kook Kim <sup>d</sup>, Hyun Kook <sup>e</sup>, Woo Jin Park <sup>f</sup>, Tae Jin Lee <sup>g</sup>, E. Dale Abel <sup>h\*</sup>, and Jaetaek Kim <sup>a\*</sup>

<sup>a</sup>Division of Endocrinology and Metabolism, Department of Internal Medicine, College of Medicine, Chung-Ang University, Seoul, Korea; <sup>b</sup>Division of Cardiology, Department of Internal Medicine, College of Medicine, Chung-Ang University, Seoul, Korea; <sup>c</sup>Department of Physiology, Yonsei University Wonju College of Medicine, Wonju, Korea; <sup>d</sup>Department of Biochemistry, Chonnam National University Medical School, Gwangju, Korea; <sup>e</sup>Department of Pharmacology and Medical Research Center for Gene Regulation, Chonnam National University Medical School, Gwangju, Korea; <sup>f</sup>Department of Life Science, Gwangju Institute of Science and Technology, Gwangju, Korea; <sup>g</sup>Department of Pathology, College of Medicine, Chung-Ang University, Seoul, Korea; <sup>h</sup>Fraternal Order of Eagles Diabetes Research Center and Division of Endocrinology and Metabolism, University of Iowa Carver College of Medicine, Iowa City, IA, USA.

† These authors contributed equally to this work.

## \*Corresponding authors:

E. Dale Abel, M.D., Ph.D., Fraternal Order of Eagles Diabetes Research Center and Division of Endocrinology and Metabolism, University of Iowa Carver College of Medicine, Iowa City, IA, 52242, USA

E-mail: DRCAdmin@uiowa.edu Phone: 1-319-356-2745

Jaetaek Kim, M.D., Ph.D., Division of Endocrinology and Metabolism, Department of Internal Medicine, College of Medicine, Chung-Ang University, Seoul, 156-755, Korea

E-mail: jtkim@cau.ac.kr Phone: 82-2-6299-1397 Fax: 82-2-6299-1390

Download English Version:

<https://daneshyari.com/en/article/8258582>

Download Persian Version:

<https://daneshyari.com/article/8258582>

[Daneshyari.com](https://daneshyari.com)