### Accepted Manuscript

Tanshinone IIA increases aquaporins expression in human amniotic epithelial WISH cells by stimulating GSK-3 $\beta$  phosphorylation

Ying Hua, Shengdi Ding, Huihui Cheng, Hui Luo, Xueqiong Zhu

PII: S0009-8981(16)30457-0 DOI: doi: 10.1016/j.cca.2016.11.011

Reference: CCA 14557

To appear in: Clinica Chimica Acta

Received date: 24 October 2016 Revised date: 7 November 2016 Accepted date: 7 November 2016



Please cite this article as: Hua Ying, Ding Shengdi, Cheng Huihui, Luo Hui, Zhu Xueqiong, Tanshinone IIA increases aquaporins expression in human amniotic epithelial WISH cells by stimulating GSK-3 $\beta$  phosphorylation, *Clinica Chimica Acta* (2016), doi: 10.1016/j.cca.2016.11.011

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**

# Tanshinone IIA Increases Aquaporins Expression in Human Amniotic Epithelial WISH Cells by Stimulating GSK-3β Phosphorylation

Ying Hua<sup>1,#</sup>, Shengdi Ding<sup>1,#</sup>, Huihui Cheng<sup>1</sup>, Hui Luo<sup>1</sup>, Xueqiong Zhu<sup>1,\*</sup>

Short title: Tanshinone IIA and Aquaporins

#### **Affiliation:**

<sup>1</sup>Department of Obstetrics and Gynecology

The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University

Wenzhou 325027, Zhejiang province, China

# These authors contributed equally to this work

#### \*Corresponding author and reprint requests:

Xueqiong Zhu M.D. Ph.D.

Department of Obstetrics and Gynecology

The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University

No. 109 Xueyuan Xi Road, Wenzhou 325027, Zhejiang province, China Tel: +86 577 88002796 (office); cell phone number: +86 13906640759

Fax: +86 577 88002560

E-mail address: zjwzzxq@163.com

#### Download English Version:

## https://daneshyari.com/en/article/5509538

Download Persian Version:

https://daneshyari.com/article/5509538

Daneshyari.com