

# Accepted Manuscript

Homocysteine ameliorates the endothelium-independent hypoxic vasoconstriction via the suppression of phosphatidylinositol 3-kinase/Akt pathway in porcine coronary arteries

Yuan-Ming An, Han Feng, Xing-Zhong Zhang, Xin Cong, Qian Zhao, Li-Ling Wu, Dou Dou

PII: S0006-291X(17)30479-5

DOI: [10.1016/j.bbrc.2017.03.022](https://doi.org/10.1016/j.bbrc.2017.03.022)

Reference: YBBRC 37409

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 25 February 2017

Accepted Date: 7 March 2017

Please cite this article as: Y.-M. An, H. Feng, X.-Z. Zhang, X. Cong, Q. Zhao, L.-L. Wu, D. Dou, Homocysteine ameliorates the endothelium-independent hypoxic vasoconstriction via the suppression of phosphatidylinositol 3-kinase/Akt pathway in porcine coronary arteries, *Biochemical and Biophysical Research Communications* (2017), doi: 10.1016/j.bbrc.2017.03.022.

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.



1 **Homocysteine ameliorates the endothelium-independent hypoxic vasoconstriction via the**  
2 **suppression of phosphatidylinositol 3-kinase/Akt pathway in porcine coronary arteries**

3 Yuan-Ming An<sup>1</sup>, Han Feng<sup>1</sup>, Xing-Zhong Zhang<sup>1,2,3</sup>, Xin Cong<sup>1,2,3</sup>, Qian Zhao<sup>1</sup>, Li-Ling Wu<sup>1,2,3</sup>,  
4 Dou Dou<sup>1,2\*</sup>

5  
6 <sup>1</sup> Department of Physiology and Pathophysiology, School of Basic Medical Sciences, Peking  
7 University Health Science Center, Beijing, China; <sup>2</sup> Key Laboratory of Molecular Cardiovascular  
8 Science, Ministry of Education, Beijing, China and <sup>3</sup> Beijing Key Laboratory of Cardiovascular  
9 Receptors Research, Beijing, China.

10

11 \* **Corresponding author:** Dou Dou, PhD

12 Department of Physiology and Pathophysiology, Peking University Health Science Center, 38  
13 Xue Yuan Road, Beijing 100191, China.

14 Telephone: 86-10-82801403; Fax: 86-10-82802403; E-mail: [doudou@bjmu.edu.cn](mailto:doudou@bjmu.edu.cn)

15 **Short Title:** Homocysteine and the endothelium-independent hypoxic vasoconstriction

Download English Version:

<https://daneshyari.com/en/article/5506102>

Download Persian Version:

<https://daneshyari.com/article/5506102>

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