Accepted Manuscript

Hepatic ischemia/reperfusion injury disrupts the homeostasis of kidney primary cilia via oxidative stress

Sang Jun Han, Hee-Seong Jang, Sung Young Seu, Hee-Jung Cho, Yoon Jin Hwang, Jee In Kim, Kwon Moo Park

PII: S0925-4439(17)30141-2

DOI: doi:10.1016/j.bbadis.2017.05.004

Reference: BBADIS 64760

To appear in: BBA - Molecular Basis of Disease

Received date: 17 February 2017 Accepted date: 4 May 2017



Please cite this article as: Sang Jun Han, Hee-Seong Jang, Sung Young Seu, Hee-Jung Cho, Yoon Jin Hwang, Jee In Kim, Kwon Moo Park, Hepatic ischemia/reperfusion injury disrupts the homeostasis of kidney primary cilia via oxidative stress, *BBA - Molecular Basis of Disease* (2017), doi:10.1016/j.bbadis.2017.05.004

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.

Hepatic ischemia/reperfusion injury disrupts the homeostasis of kidney primary cilia via oxidative stress

Sang Jun Han¹, Hee-Seong Jang¹, Sung Young Seu¹, Hee-Jung Cho², Yoon Jin Hwang³, Jee In Kim⁴, and Kwon Moo Park^{1,*}

¹Department of Anatomy, Cardiovascular Research Institute and BK21 Plus, Kyungpook National University School of Medicine, 680 Gukchaebosang-ro, Junggu, Daegu 41944, Republic of Korea

²Department of Anatomy, Cardiovascular Research Institute and BK21 Plus, Kyungpook National University School of Medicine, 680 Gukchaebosang-ro, Junggu, Daegu 41944, Republic of Korea

³Department of Surgery, Kyungpook National University Medical Center, Kyungpook National University School of Medicine, 807 Hoguk-ro, Bukgu, Daegu 41404, Republic of Korea

⁴Department of Molecular Medicine and MRC, College of Medicine, Keimyung University, 1095 Dalgubeol-daero 250-gil, Dalseogu, Daegu 42601, Republic of Korea

*Correspondence: Kwon Moo Park, DVM, PhD

Department of Anatomy, Kyungpook National University School of Medicine, 101

Dongindong, Junggu, Daegu 700-422, Republic of Korea

Tel: 82-53-420-4804, Fax: 82-53-420-4800, Email: kmpark@knu.ac.kr

Keywords: Liver ischemia; Acute kidney injury; Primary cilia; Deciliation; Reactive oxidative species

Running title: Kidney injury induces primary cilia deciliation by oxidative stress.

Download English Version:

https://daneshyari.com/en/article/5500954

Download Persian Version:

https://daneshyari.com/article/5500954

<u>Daneshyari.com</u>