Author’s response to reviews

Title: Proprotein convertase subtilisin/kexin type 9 expression is transiently up-regulated in the acute period of myocardial infarction in rat

Authors:

Yan Zhang (18910162571@163.com)
Jun Liu (lijunemail1@163.com)
Sha Li (fuwailisha@163.com)
Rui-Xia Xu (ruixiaxu@sina.com)
Jing Sun (fw8839@126.com)
Jian-Jun Li (lijianjun938@yahoo.com)
Yue Tang (tangyue1226@vip.sina.com)

Version: 2
Date: 12 August 2014

Author’s response to reviews: see over
Dear editor,

We would like to submit the enclosed manuscript entitled "Proprotein convertase subtilisin/kexin type 9 expression is transiently up-regulated in the acute period of myocardial infarction in rat", which we wish to be considered for publication in BMC Cardiovascular Disorders.

PCSK9 has been confirmed as a major factor regulating cholesterol homeostasis and has LDL-independent effects. In addition, the pathogenesis of acute myocardial infarction (AMI) involved lipids alteration and other acute phase responses. It was not known whether the PCSK9 expression is influenced by the impact of AMI. In this paper, we firstly demonstrated that PCSK9 was transiently up-regulated in the acute period of AMI, which is also driven by transcriptional factors, SREBP2 and HNF1α, suggesting that the role of PCSK9 in myocardial injury may be needed further study. We hope this paper is suitable for BMC Cardiovascular Disorders.

I formally state that all the co-authors have read and approved the final manuscript for publication and the manuscript is submitted solely to BMC Cardiovascular Disorders. No conflict of interest exists in this manuscript. None of the paper’s contents, in whole or in part, have been previously published elsewhere. If at any time you have any questions concerning the manuscript, please kindly feel free to contact with me. Thank you and best regards,

Yours sincerely,

Jian-Jun Li, MD, PhD, Corresponding Author.

Email: lijianjun938@yahoo.com