Accepted Manuscript

Title: Expression of Immunoproteasome Subunits in the Porcine Lung: Alterations During Normal and Inflammatory Conditions

Authors: Qiang Liu, Yong-Li Zhang, Shou-Ping Hu, Ze-Lin Ma, Su-Li Gao, Bin Sun, Fei Xiao, Zhuo Zhang, Xue-Hui Cai, Xi-Jun He



PII:	S0378-1135(17)30663-6
DOI:	http://dx.doi.org/doi:10.1016/j.vetmic.2017.07.024
Reference:	VETMIC 7708
To appear in:	VETMIC
Received date:	28-5-2017
Revised date:	21-7-2017
Accepted date:	21-7-2017

Please cite this article as: Liu, Qiang, Zhang, Yong-Li, Hu, Shou-Ping, Ma, Ze-Lin, Gao, Su-Li, Sun, Bin, Xiao, Fei, Zhang, Zhuo, Cai, Xue-Hui, He, Xi-Jun, Expression of Immunoproteasome Subunits in the Porcine Lung: Alterations During Normal and Inflammatory Conditions.Veterinary Microbiology http://dx.doi.org/10.1016/j.vetmic.2017.07.024

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

Expression of Immunoproteasome Subunits in the Porcine Lung: Alterations During Normal

and Inflammatory Conditions

Qiang Liu¹, Yong-Li Zhang¹, Shou-Ping Hu¹, Ze-Lin Ma¹, Su-Li Gao¹, Bin Sun¹, Fei Xiao¹, Zhuo Zhang¹, Xue-Hui Cai¹, Xi-Jun He¹*

¹State Key Laboratory of Veterinary Biotechnology, Harbin Veterinary Research Institute of Chinese Academy of Agricultural Sciences, Harbin, China

liuqiang @caas.cn (QL); 13949054838@126.com (YLZ); hshp02@126.com (SPH);

hlkmzl@163.com (ZLM); gaosuli007@126.com (SLG); sunbin19@163.com (BS);

q195762203@sina.com (FX); clearzhang1006@sina.com (ZZ); aci139@sina.com (XHC);

hexijun@caas.cn (XJH)

*Correspondence author Xi-Jun He Harbin Veterinary Research Institute, Chinese Academy of Agricultural Sciences, Harbin 150069, China Tel: +(86)451-51051779 Email: hexijun@caas.cn.

Highlights

- I-proteasome was specifically expressed in alveolar macrophage (AM) of normal lung, while it was also distributed in parenchymal cells of flamed lung *in vivo*.
- I-proteasome was rapidly and highly induced in AM upon IFN-γ stimulation, and confined to the cytoplasm and nucleus *in vitro*.

Download English Version:

https://daneshyari.com/en/article/5545087

Download Persian Version:

https://daneshyari.com/article/5545087

Daneshyari.com