

Accepted Manuscript

MMP9 is involved in HO-1-mediated upregulation of apical junctional complex in Caco-2 cells under oxygen-glucose deprivation

Yongqu Lu, Jie An, Yulin Liu, Lehao Ren, Li Zhang



PII: S0006-291X(18)30268-7

DOI: [10.1016/j.bbrc.2018.02.045](https://doi.org/10.1016/j.bbrc.2018.02.045)

Reference: YBBRC 39410

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 23 January 2018

Accepted Date: 5 February 2018

Please cite this article as: Y. Lu, J. An, Y. Liu, L. Ren, L. Zhang, MMP9 is involved in HO-1-mediated upregulation of apical junctional complex in Caco-2 cells under oxygen-glucose deprivation, *Biochemical and Biophysical Research Communications* (2018), doi: 10.1016/j.bbrc.2018.02.045.

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.

**MMP9 is involved in HO-1-mediated upregulation of apical junctional complex
in Caco-2 cells under oxygen-glucose deprivation**

Yongqu Lu^{1*}, Jie An^{2*}, Yulin Liu³, Lehao Ren¹, Li Zhang¹

¹Department of Gastrointestinal Surgery, Shandong Provincial Hospital affiliated to Shandong University, Jinan 250021, Shandong, China.

²Department of Pharmacology, Shandong University School of Medicine, Jinan 250012, Shandong, China.

³Department of Gastrointestinal Surgery, QianFoShan Hospital Affiliated to Shandong University, Jinan 250014, Shandong, China.

*Yongqu Lu and Jie An contributed equally to the work.

Corresponding author: Li Zhang

Department of Gastrointestinal Surgery, Shandong Provincial Hospital affiliated to Shandong University, 324 Jingwu Road, Jinan 250021, Shandong, China.

Tel: +86-15168888603 E-mail: pzzl@sina.com

Download English Version:

<https://daneshyari.com/en/article/8293719>

Download Persian Version:

<https://daneshyari.com/article/8293719>

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