Accepted Manuscript

GRP78 plays an integral role in tumor cell inflammation-related migration induced by M2 macrophages

Lichao Zhang, Zongwei Li, Guobin Ding, Xiaoqin La, Peng Yang, Zhuoyu Li

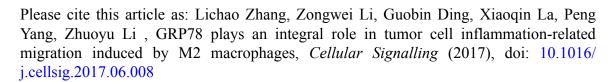
PII: S0898-6568(17)30167-5

DOI: doi: 10.1016/j.cellsig.2017.06.008

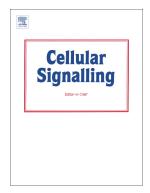
Reference: CLS 8937

To appear in: Cellular Signalling

Received date: 5 May 2017 Revised date: 8 June 2017 Accepted date: 15 June 2017



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.



CEPTED MANUSCRIPT

GRP78 plays an integral role in tumor cell inflammation-related

migration induced by M2 macrophages

Lichao Zhang^{1,2}, Zongwei Li¹, Guobin Ding¹, Xiaoqin La¹, Peng Yang¹, Zhuoyu Li^{1,3*}

¹Institutes of Biomedical Sciences, Shanxi University, Taiyuan 030006, China

²School of Life Science, Shanxi University, Taiyuan 030006, China

³College of Life Science, Zhejiang Chinese Medical University, Hangzhou, 310053, China

*Corresponding Author: Zhuoyu Li

Institute of Biotechnology, Key Laboratory of Chemical Biology and Molecular Engineering of

National Ministry of Education, Shanxi University, Taiyuan, 030006, China.

Tel: 0086-351-7018268

Fax: 0086-351-7018268

E-mail: lzy@sxu.edu.cn

Abbreviations

TAM, tumor-associated macrophage; M1-T, the M1 macrophages derived from THP-1; M2-T, the

M2 macrophages derived from THP-1; M1-H, the M1 macrophages derived from hPBMC; M2-H,

the M2 macrophages derived from hPBMC; MCM, macrophages conditioned medium; M1-MCM,

the conditioned medium of M1 macrophages; M2-MCM, the conditioned medium of M2

macrophages; M1-MCM-T, the conditioned medium of M1 macrophages derived from THP-1; M2-

MCM-T, the conditioned medium of M2 macrophages derived from THP-1; M1-MCM-H, the

conditioned medium of M1 macrophages derived from hPBMC; M2-MCM-H, the conditioned

medium of M2 macrophages derived from hPBMC.

1

Download English Version:

https://daneshyari.com/en/article/5509207

Download Persian Version:

https://daneshyari.com/article/5509207

<u>Daneshyari.com</u>