

Accepted Manuscript

Thymol inhibits bladder cancer cell proliferation via inducing cell cycle arrest and apoptosis

Yi Li, Jia-ming Wen, Chuan-jun Du, Su-min Hu, Jia-xi Chen, Shi-geng Zhang, Nan Zhang, Feng Gao, Shao-jiang Li, Xia-wa Mao, Hiroshi Miyamoto, Ke-feng Ding



PII: S0006-291X(17)30666-6

DOI: [10.1016/j.bbrc.2017.04.009](https://doi.org/10.1016/j.bbrc.2017.04.009)

Reference: YBBRC 37564

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 12 March 2017

Accepted Date: 3 April 2017

Please cite this article as: Y. Li, J.-m. Wen, C.-j. Du, S.-m. Hu, J.-x. Chen, S.-g. Zhang, N. Zhang, F. Gao, S.-j. Li, X.-w. Mao, H. Miyamoto, K.-f. Ding, Thymol inhibits bladder cancer cell proliferation via inducing cell cycle arrest and apoptosis, *Biochemical and Biophysical Research Communications* (2017), doi: 10.1016/j.bbrc.2017.04.009.

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.

Thymol inhibits bladder cancer cell proliferation via inducing cell cycle arrest and apoptosis

Yi Li^{1,2,3,4}, Jia-ming Wen¹, Chuan-jun Du¹, Su-min Hu¹, Jia-xi Chen¹, Shi-geng Zhang¹, Nan Zhang¹, Feng Gao¹, Shao-jiang Li¹, Xia-wa Mao¹, Hiroshi Miyamoto⁴ and Ke-feng Ding^{2,3}

¹Department of Urology, The Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China

²Department of Surgical Oncology, The Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China

³Cancer Institute, Key Laboratory of Cancer Prevention and Intervention, China National Ministry of Education, Key Laboratory of Molecular Biology in Medical Sciences, The Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China

⁴Department of Pathology and Laboratory Medicine, University of Rochester Medical Center, Rochester, New York, USA

Correspondence to: Ke-feng Ding, email: dingkefeng@zju.edu.cn

Funding source: This work was supported by grants from National Natural Science Foundation of China (No. 81402099 to Yi Li, No. 81300475 to Jiaming Wen, No. 81400756 to Nan Zhang) and Projects of medical and health technology development program in Zhejiang province (No. 2016147031 to Xiawa Mao).

Download English Version:

<https://daneshyari.com/en/article/5505010>

Download Persian Version:

<https://daneshyari.com/article/5505010>

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