

Received: 2020.12.28

Accepted: 2020.12.28

Available online: 2020.12.29

Published: 2020.12.30

Retracted: Naturally Occurring Sesquiterpene Lactone-Santonin, Exerts Anticancer Effects in Multi-Drug Resistant Breast Cancer Cells by Inducing Mitochondrial Mediated Apoptosis, Caspase Activation, Cell Cycle Arrest, and by Targeting Ras/Raf/MEK/ERK Signaling Pathway

1,2 Zhiqiang Wu
1,3 Chenchen Wang
1,3 Mingzhu Huang
1,3 Zhonghua Tao
1,2 Wangjun Yan
1,3 Yiqun Du

1 Department of Oncology, Shanghai Medical College, Fudan University, Shanghai, P.R. China

2 Department of Musculoskeletal Oncology, Fudan University Shanghai Cancer Center, Shanghai, P.R. China

3 Department of Medical Oncology, Fudan University Shanghai Cancer Center, Shanghai, P.R. China

Corresponding Author: Zhiqiang Wu, e-mail: IrwinCombsiyl@yahoo.com

Retraction Notice:

It is now clear that the photomicrographs in Figure 2 are duplicates of the same image and that Figures 4 and 5 have been 'copied' from a publication "Lupeol triterpene exhibits potent antitumor effects in A427 human lung carcinoma cells via mitochondrial mediated apoptosis, ROS generation, loss of mitochondrial membrane potential and downregulation of m-TOR/PI3Ksol;AKT signalling pathway" by Wei He, Xiang Li, Shuyue Xia, PMID: 30003730.

Because the manuscript contains non-credible results and has also breached copyright, this journal is retracting the above publication.

Reference:

1. Zhiqiang Wu, Chenchen Wang, Mingzhu Huang, Zhonghua Tao, Wangjun Yan, Yiqun Du: Naturally Occurring Sesquiterpene Lactone-Santonin, Exerts Anticancer Effects in Multi-Drug Resistant Breast Cancer Cells by Inducing Mitochondrial Mediated Apoptosis, Caspase Activation, Cell Cycle Arrest, and by Targeting Ras/Raf/MEK/ERK Signaling Pathway. *Med Sci Monit*, 2019; 25: 3676–3682.

DOI: [10.12659/MSM.915246](https://doi.org/10.12659/MSM.915246)

