Author's response to reviews

Title: Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK

Authors:

Ming-wei Liu (lmw2004210@163.com)
Mei-xian Su (lmw2004210@126.com)
Chuan-yun Qian (758437603@qq.com)

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The Biomed Central Editorial Team

Object: MS: 1911903894115370-Protective effect of Xuebijing injection on paraquat-induced pulmonary injury via down-regulating the expression of p38 MAPK in rats Prof Liu Ming-wei et al.

Thank you for consideration of our manuscript for publication in your journal. We have reviewed the above manuscript according to your reviewer's comments.

Reviewer # (HONG JIANG).

Major points

1. In discussion (the 2nd paragraph in page 23), the manuscript described that ROS increased the transcription activity of Nrf2, while paraquat down-regulated Nrf2 expression and increased ROS activity. Why? The authors should explain it in discussion. Response#This was an error and has been corrected. According to previous literature [45, 46], “ROS also increases the transcriptional activity of nuclear factor E2-related factor 2 (Nrf2) and hypoxia-inducible factor (HIF)-1#” was changed to" ROS also attenuates the transcriptional activity of nuclear factor E2-related factor 2 (Nrf2) and stimulates hypoxia-inducible factor (HIF)-1# expression.” in page 23, line 14-15.