

Corrigendum

Corrigendum to “Apoptosis Induced by Tanshinone IIA and Cryptotanshinone Is Mediated by Distinct JAK/STAT3/5 and SHP1/2 Signaling in Chronic Myeloid Leukemia K562 Cells”

Ji Hoon Jung,¹ Tae-Rin Kwon ,¹ Soo-Jin Jeong ,^{1,2} Eun-Ok Kim,¹ Eun Jung Sohn ,¹ Miyong Yun,¹ and Sung-Hoon Kim ¹

¹College of Oriental Medicine, Kyung Hee University, 1 Hoegi-dong, Dongdaemun-gu, Seoul 130-701, Republic of Korea

²Basic Herbal Medicine Research Group, Herbal Medicine Research Division, Korea Institute of Oriental Medicine, Daejeon 305-811, Republic of Korea

Correspondence should be addressed to Sung-Hoon Kim; sungkim7@khu.ac.kr

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In the article titled “Apoptosis Induced by Tanshinone IIA and Cryptotanshinone Is Mediated by Distinct JAK/STAT3/5 and SHP1/2 Signaling in Chronic Myeloid Leukemia K562 Cells” [1], there was an error in Figure 3(d), where the blots for SHP-2 and Tubulin were duplicated by mistake. Some of the underlying blots are available in the Supplementary Materials (available here). The figure should be corrected as below.

Supplementary Materials

Original Western blot images. (*Supplementary Materials*)

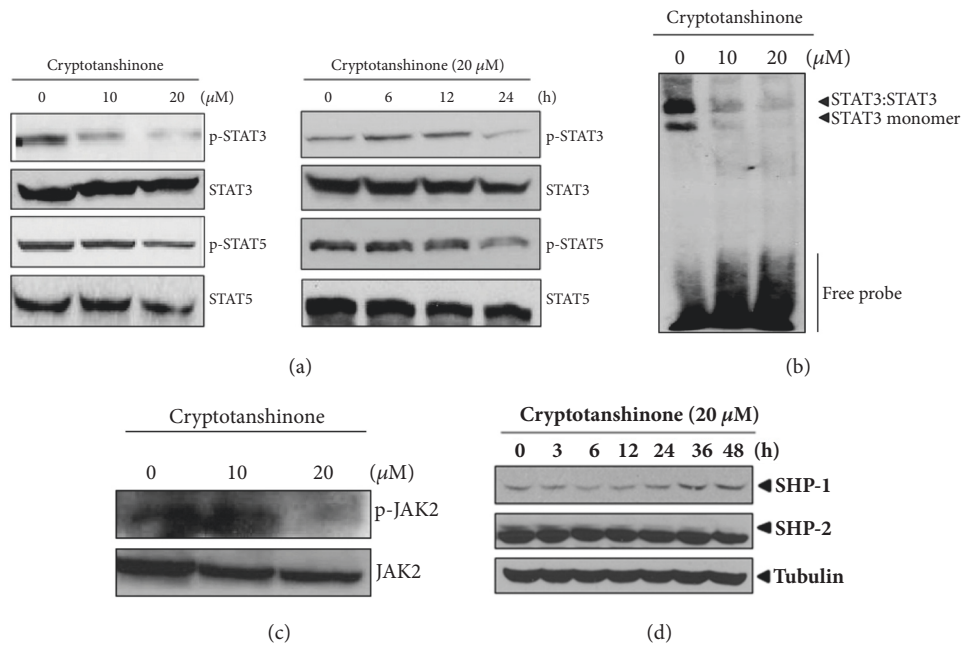


FIGURE 3: Cryptotanshinone inactivates STAT3, but not STAT5, in K562 cells. (a) Cells were treated with cryptotanshinone (0, 10, or 20 μM) for 24 h (left) or 20 μM for 0, 6, 12, or 24 h (right). Cell lysates were prepared and subjected to Western blotting for phospho-STAT3 and phospho-STAT5. (b) Cells were treated with cryptotanshinone (0, 10, or 20 μM) for 24 h. Gel shift mobility assay was performed to determine the STAT3/DNA binding activity. (c) Cells were treated with cryptotanshinone (0, 10, or 20 μM) for 24 h. Western blotting was performed to detect phosphorylation of JAK2. (d) Cells were treated with 20 μM cryptotanshinone for 0, 3, 6, 12, 24, or 36 h. Western blotting was conducted to determine the expression of SHP-1 and SHP-2.

References

- [1] J. H. Jung, T.-R. Kwon, S.-J. Jeong et al., "Apoptosis Induced by Tanshinone IIA and Cryptotanshinone Is Mediated by Distinct JAK/STAT3/5 and SHP1/2 Signaling in Chronic Myeloid Leukemia K562 Cells," *Evidence-Based Complementary and Alternative Medicine*, vol. 2013, Article ID 805639, 10 pages, 2013.

