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**Withdrawal: Activation of AMP-activated protein kinase  $\alpha$ 1 alleviates endothelial cell apoptosis by increasing the expression of anti-apoptotic proteins Bcl-2 and Survivin.**

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This article has been withdrawn by the authors except Bin Liang, who could not be reached. The Journal raised questions regarding the following. 1) The P-ACC immunoblot in Fig. 1A was spliced. 2) The PARP immunoblot in Fig. 3D appeared to be a composite. 3) A portion of the actin immunoblot in Fig. 5B was reused as Histone3 in Figs. 7A and 8B. 4) The image in Fig. 6D was reused in Fig. 6F. Regarding Fig. 1A, because this original immunoblot could not be recovered 13 years after its publication, the withdrawing authors cannot determine if the P-ACC immunoblot was spliced. For the other immunoblots in question, the withdrawing authors provided to the Journal the original immunoblots for PARP (Fig. 3D), Histone3 (Figs. 5B, 6C, 7A, and 8B), Fig. 6D, and Fig. 6F along with some original immunoblots of a repeated experiment done at the time of the original work. Further, the withdrawing authors have provided the Journal the original immunoblots, which they state indicate that the reuse of images between Figs. 5B and 7 (A and B) and between Fig. 6D and Fig. 6F was an error. The withdrawing authors offered to publish substitute figures based on the repeated experiments and, alternatively, offered to repeat the experiments. The Journal declined both offers, a decision with which the withdrawing authors respectfully disagree. In addition, the withdrawing authors state that the results of this paper have been confirmed by the results of complementary experiments presented in the article and that the principal observations of this article were further confirmed in the publications from other laboratories (Kilbride, S. M., *et al.* (2010) *J. Biol. Chem.* **285**, 36199–36206; Yan, H., *et al.* (2012) *Int. J. Clin. Exp. Pathol.* **5**, 770–776; Lee, G. R., *et al.* (2014) *Clin. Exp. Metastasis* **31**, 897–907; Zhang, R., *et al.* (2017) *Int. J. Mol. Med.* **40**, 549–557). The withdrawing authors stand by the experimental data and the conclusions of the article.