## **IBC** WITHDRAWALS/RETRACTIONS

VOLUME 278 (2003) PAGES 34003–34010 DOI 10.1074/jbc.W119.011600

Withdrawal: Activation of 5'-AMP-activated kinase is mediated through c-Src and phosphoinositide 3-kinase activity during hypoxia-reoxygenation of bovine aortic endothelial cells: Role of peroxynitrite.

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This article has been withdrawn by the authors. Analysis performed by the Journal determined the following. The c-Src immunoblot in Fig. 1C was reused for AMPK in Fig. 3A. A portion of the c-Src immunoblot in Fig. 2D was reused in Fig. 2E for P70S6 kinase. The PDK1-P and AMPK-P immunoblots in Fig. 2E are the same. The second lane of the c-Src immunoblot on the left in Fig. 4D was reused in the first lane of the AMPK immunoblot on the *right* in the same *figure panel*. The authors state that the presentation of identical blots for PDK-1P and AMPK-P in Fig. 2E was an error. Because the original immunoblots cannot be recovered 16 years after publication, the authors cannot determine which immunoblot was used in error. However, the authors state in the legend to Fig. 2 that similar experiments performed at that time support the conclusions. For the other immunoblots in question, the withdrawing authors have carefully examined the immunoblots in question and disagree with the Journal. The authors offered to repeat the experiments in Fig. 2; however, the Journal declined the offer. Furthermore, the 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 publications from other laboratories (Quintero, M. et al. (2006) Proc. Natl. Acad. Sci. U.S.A. 103, 5379-5384; Emerling, B. M. et al. (2009) Free Radic. Biol. Med. 46, 1386-1391; Mackenzie, R. M. et al. (2013) Clin. Sci. (Lond.) **124,** 403–411). The authors stand by the conclusions of the paper.

