



# Retraction: Insulin-Like Growth Factor I Suppresses Bone Morphogenetic Protein Signaling in Prostate Cancer Cells by Activating mTOR Signaling

Reema S. Wahdan-Alaswad, Kyung Song, Tracy L. Krebs, Dorjee T.N. Shola, Jose A. Gomez, Shigemi Matsuyama, and David Danielpour

This article (1) is being retracted at the request of the corresponding author. Errors were found in Figs. 1A, 3C, and 4D that diminish the reliability of this study. In Fig. 1A, the Western blot image for  $\beta$ -actin was an erroneous duplication of the image for Smad2 in both the right and left panels. In addition, the original Western blot data for Smad3 and Smad 1/5/8 could not be identified. In Fig. 3C, the Western blot image for Smad1/5/8 on the left was found to be a duplication of Smad1/5/8 on the right; the original data do not specify which of the two figures it is associated with. In Fig. 4D, the Western blot image for P-Smad1/5/8 (Ab#2) on the right was found to be a different exposure of P-Smad1/5/8 (Ab#1) on the left. In addition, the original data for Smad 1/5/8 could not be identified. The authors apologize to the scientific community and deeply regret any inconveniences or challenges resulting from the publication and subsequent retraction of this article.

A copy of this retraction notice was sent to the last known e-mail addresses for all seven authors. Five authors (K. Song, D.T.N. Shola, J.A. Gomez, S. Matsuyama, and D. Danielpour) agreed to the retraction; one author (R.S. Wahdan-Alaswad) did not agree to the retraction; and one author (T.L. Krebs) did not respond.

## Reference

1. Wahdan-Alaswad RS, Song K, Krebs TL, Shola DT, Gomez JA, Matsuyama S, et al. Insulin-like growth factor I suppresses bone morphogenetic protein signaling in prostate cancer cells by activating mTOR signaling. *Cancer Res* 2010;70:9106–17.

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