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Retraction of: Insulin-Like Growth Factor 1 Alleviates High-Fat Diet–Induced Myocardial Contractile Dysfunction: Role of Insulin Signaling and Mitochondrial Function

The following *Hypertension* article is being retracted:

Zhang Y, Yuan M, Bradley KM, Dong F, Anversa P, Ren J. Insulin-like growth factor 1 alleviates high-fat diet-induced myocardial contractile dysfunction: Role of insulin signaling and mitochondrial function. *Hypertension*. 2012; 59: 680-693. DOI: [10.1161/HYPERTENSIONAHA.111.181867](https://doi.org/10.1161/HYPERTENSIONAHA.111.181867)

Following a recent examination by the University of Wyoming under the direction of the HHS Office of Research Integrity, the University of Wyoming found evidence of data irregularities and image reuse in Figures 1, 5, 6, and 7 that significantly affect the results and conclusions reported in the manuscript. Specifically, the following irregularities were found:

1. In Figures 1H and 6A, the GAPDH for mito cytochrome C, GAPDH for cytosol cytochrome C, and insulin receptor β appear to be duplicated both within the article and from an article previously published by the author.
2. In Figure 5A, there is splicing evident in the PGC1 α blot and areas indicating processing of UCP-2 blot, including apparent addition and/or removal of data from the blot images
3. In Figure 7, Akt bands of Figure 7A appear to be duplicated and reported as GAPDH in Figure 7B.

The editors are retracting this article based on the findings of the university examination and in agreement with the University of Wyoming.