



Retraction: PHGDH Expression Is Required for Mitochondrial Redox Homeostasis, Breast Cancer Stem Cell Maintenance, and Lung Metastasis

Debangshu Samanta, Youngrok Park, Shaida A. Andrabi, Laura M. Shelton, Daniele M. Gilkes, and Gregg L. Semenza

This article (1) has been retracted at the request of the authors. Following an institutional review by Johns Hopkins University, the primary affiliation for several of the authors, it was determined that in Fig. 7F, the images representing M1-sh2 and M2-sh2 had contiguous features, suggesting the images may be from the same mouse. Additionally, certain raw data were labeled as being from M2-sh2 and M3-sh2 mice but also had contiguous features, suggesting that those data may also be from the same mouse. The authors do not have confidence in the integrity of the data, and they 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 email addresses for all six authors. Two authors (Daniele M. Gilkes and Gregg L. Semenza) agreed to the retraction; the four remaining authors (Debangshu Samanta, Youngrok Park, Shaida A. Andrabi, and Laura M. Shelton) did not respond.

Reference

1. Samanta D, Park Y, Andrabi SA, Shelton LM, Gilkes DM, Semenza GL. PHGDH expression is required for mitochondrial redox homeostasis, breast cancer stem cell maintenance, and lung metastasis. *Cancer Res* 2016; 76:4430–42.

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