

Correction

Correction: Hypoxia-inducible factor 1 upregulation of both VEGF and ANGPTL4 is required to promote the angiogenic phenotype in uveal melanoma**Ke Hu^{1,2,*}, Savalan Babapoor-Farrokhran^{1,*}, Murilo Rodrigues¹, Monika Deshpande¹, Brooks Puchner¹, Fabiana Kashiwabuchi¹, Syed Junaid Hassan¹, Laura Asnaghi³, James T. Handa¹, Shannath Merbs¹, Charles G. Eberhart^{1,3}, Gregg L. Semenza⁴, Silvia Montaner⁵ and Akrit Sodhi¹**¹Wilmer Eye Institute, Johns Hopkins School of Medicine, Baltimore, MD, USA²The First Affiliated Hospital of Chongqing Medical University, Chongqing, China³Department of Pathology, Johns Hopkins University, School of Medicine, Baltimore, MD, USA⁴Departments of Pediatrics, Medicine, Oncology, Radiation Oncology, Biological Chemistry, and Genetic Medicine, Johns Hopkins University School of Medicine, Baltimore, MD, USA⁵Department of Oncology and Diagnostic Sciences, Greenebaum Cancer Center, University of Maryland, Baltimore, MD, USA

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This article has been corrected: In Figure 1, panel D, two of the HIF-1 alpha images were mislabeled. Specifically, the HIF-1 alpha image of OCM1 cells exposed to 1% oxygen was labeled as “DFO” and the HIF-1 alpha image of OCM1 cells exposed to DFO was labeled as “1% oxygen.” The corrected Figure 1 is shown below. The authors declare that these corrections do not change the results or conclusions of this paper.

Original article: Oncotarget. 2016; 7:7816–7828. <https://doi.org/10.18632/oncotarget.6868>

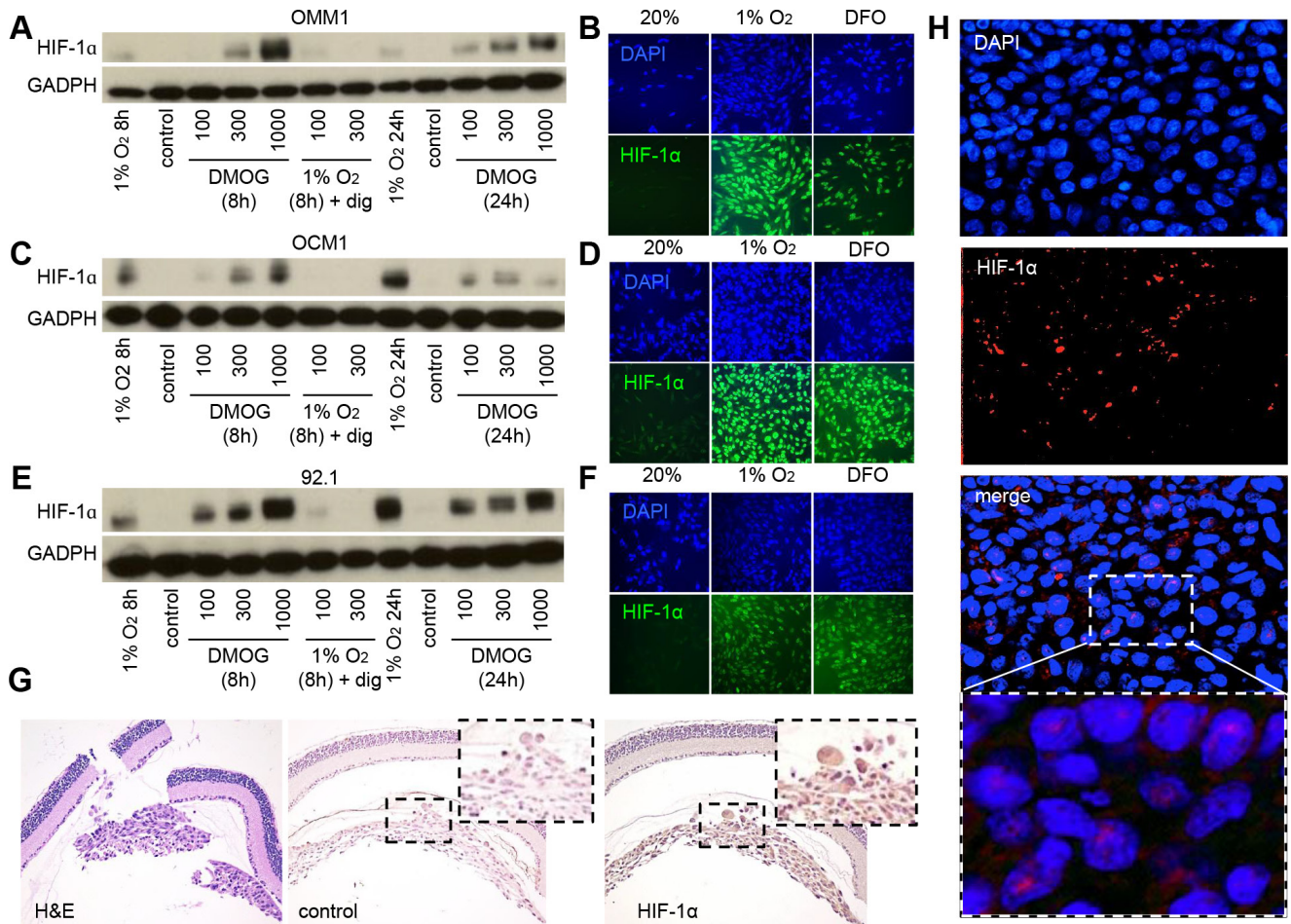


Figure 1: HIF-1 α expression is increased in UM cells and in UM patient biopsies. (A, C, E) Immunoblot assays were performed to determine HIF-1 α protein levels in UM cell lines (OMM1, OCM1 and 92.1) following exposure to DMOG (300 μ M), hypoxia (1% O₂) or hypoxia and digoxin (dig; 100-300 nM) for 8 or 24 hours and compared to control conditions (20% O₂). (B, D, F) Representative images are shown from immunofluorescence analysis of HIF-1 α in UM cell lines following exposure to hypoxia (1% O₂ for 8 or 24 hours) or DFO (100 μ M for 8 or 24 hours). (G) Representative images are shown from immunohistochemical analysis of HIF-1 α expression in tumors formed following intravitreal injection of OCM1 cells into mice. Similar results were observed in 3/3 tumors analyzed. (H) Representative images are shown from immunofluorescence analysis of HIF-1 α protein accumulation and nuclear localization in a human UM tumor biopsy. Similar results were observed in 6/6 UM biopsies examined.