

Correction

MEDICAL SCIENCES

Correction for “Small molecule enoxacin is a cancer-specific growth inhibitor that acts by enhancing TAR RNA-binding protein 2-mediated microRNA processing,” by Sonia Melo, Alberto Villanueva, Catia Moutinho, Veronica Davalos, Riccardo Spizzo, Cristina Ivan, Simona Rossi, Fernando Setien, Oriol Casanovas, Laia Simo-Riudalbas, Javier Carmona, Jordi Carrere, August Vidal, Alvaro Aytes, Sara Puertas, Santiago Roper, Raghu Kalluri, Carlo M. Croce, George A. Calin, and Manel Esteller, which appeared in issue 11, March 15, 2011, of *Proc Natl Acad Sci USA* (108:4394–4399; first published February 28, 2011; 10.1073/pnas.1014720108).

The authors wish to note, “The colony formation assay for SNU-1 upon enoxacin treatment in Fig. 1B is incorrect because of inadvertent duplication with the SNU-638 sample during the preparation of the figure. We have now replaced it with the cor-

rect assay. The data for RKO.shTRBP in Fig. 3C were erroneously graphed because the mean fold change was derived from an incorrect Fig. S5A where the formula used for quantitative RT-PCR analysis was $\Delta\text{ctAssay}/\Delta\text{ctControl}$ rather than the correct formula $2^{-(\Delta\text{ctAssay} - \Delta\text{ctControl})}$. The data for RKO.shTRBP in Fig. S5A and CRC56 and CRC43 in Fig. S9B were erroneously graphed because of the same error with the formula. The corrected figures and their legends appear below. The figures in the supplemental information have also been corrected. These errors do not affect the conclusions of the article. We sincerely regret these mistakes. The error bars on the graphs used throughout the article indicate standard deviation (SD).”

The corrected Fig. 1, Fig. 3, Fig. S5, and Fig. S9 appear below, along with their corresponding legends. The SI has been corrected online.

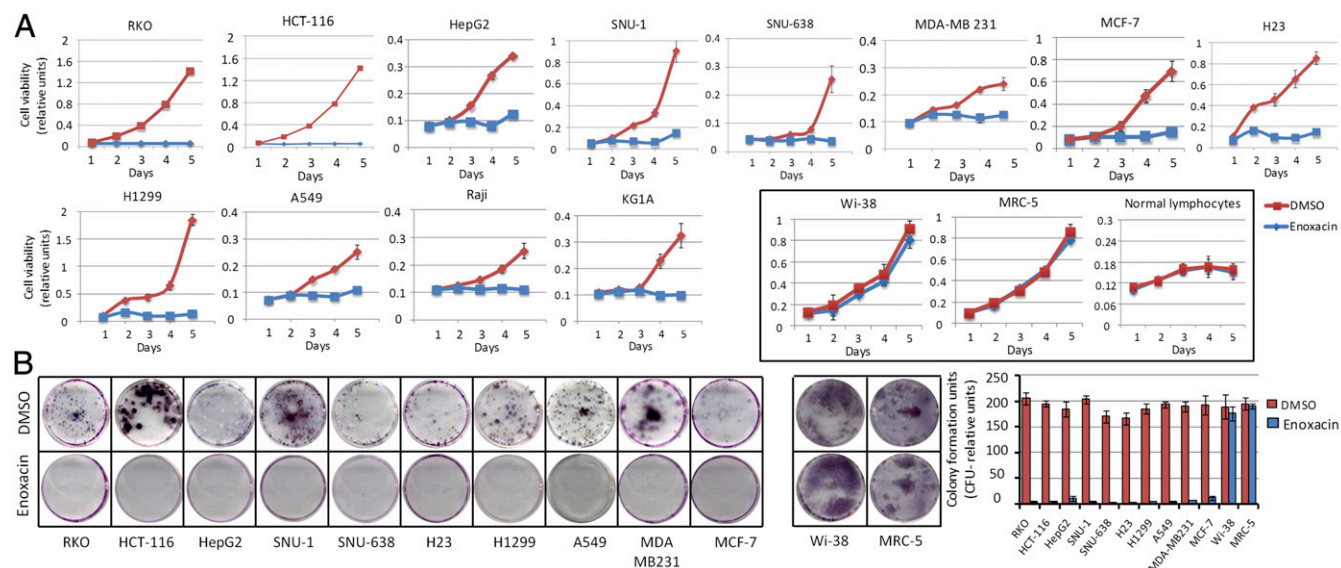


Fig. 1. Enoxacin treatment has cancer-specific inhibitory effect. (A) Cell viability assay in 12 cancer cell lines vs. fibroblast cell cultures (Wi-38 and MRC-5) and normal lymphocytes from healthy donors. (B) Colony formation assay in the described cell lines.

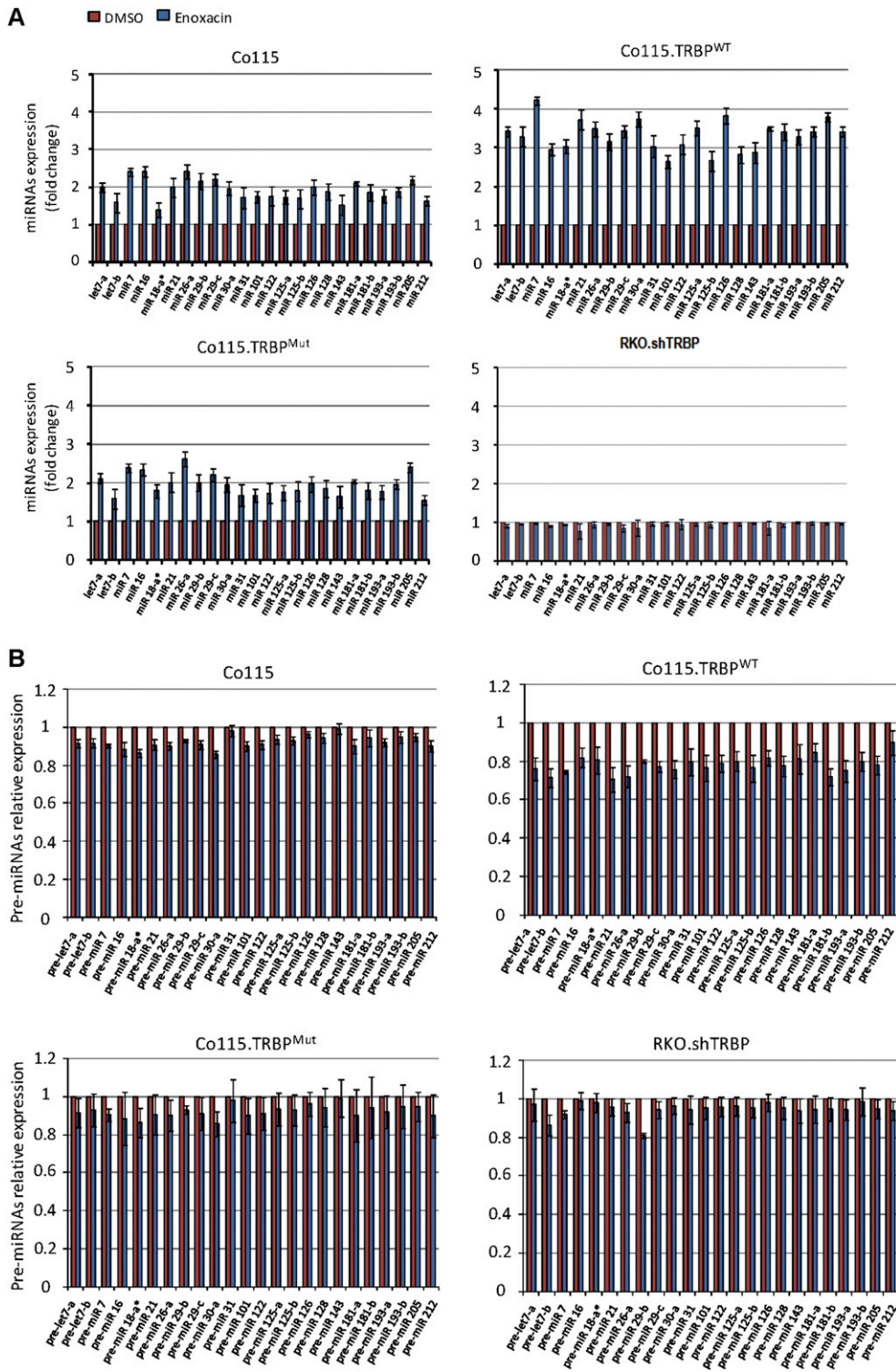


Fig. 55. Colorectal cancer cells with impaired TRBP are more resistant to enoxacin-induced expression of tumor suppressor miRNAs. (A) qRT-PCR of 24 mature miRNAs in DMSO and enoxacin treated Co115, Co115.TRBP^{WT}, Co115.TRBP^{Mut}, and RKO.shTRBP colon cancer cells. (B) qRT-PCR of 24 precursor miRNAs in DMSO and enoxacin treated Co115, Co115.TRBP^{WT}, Co115.TRBP^{Mut}, and RKO.shTRBP colon cancer cells.

