

Erratum

CYP19A1 is downregulated by BRD4 and suppresses castration-resistant prostate cancer cell invasion and proliferation by decreasing AR expression: Am J Cancer Res 2023; 13(9): 4003-4020

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Received March 24, 2026; Accepted May 8, 2026; Epub September 25, 2026; Published September 30, 2026

Due to carelessness during the process of taking photos, which made the caption name of the photo was incorrect. As a result, the picture for **Figure 4H** 'shCYP19A1+shAR' had occurred an error. Therefore, we provide the correct version to displace the wrong figure. The correction did not significantly impact the overall findings and conclusions of the paper. We would like to assure readers that the corrected values and labels do not alter the interpretations or validity of the research. We sincerely apologize for any confusion these errors may have caused

and appreciate the opportunity to rectify them. The corrected **Figure 4** was shown below.

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The mechanism of CYP19A1 in affecting CRPC cell function

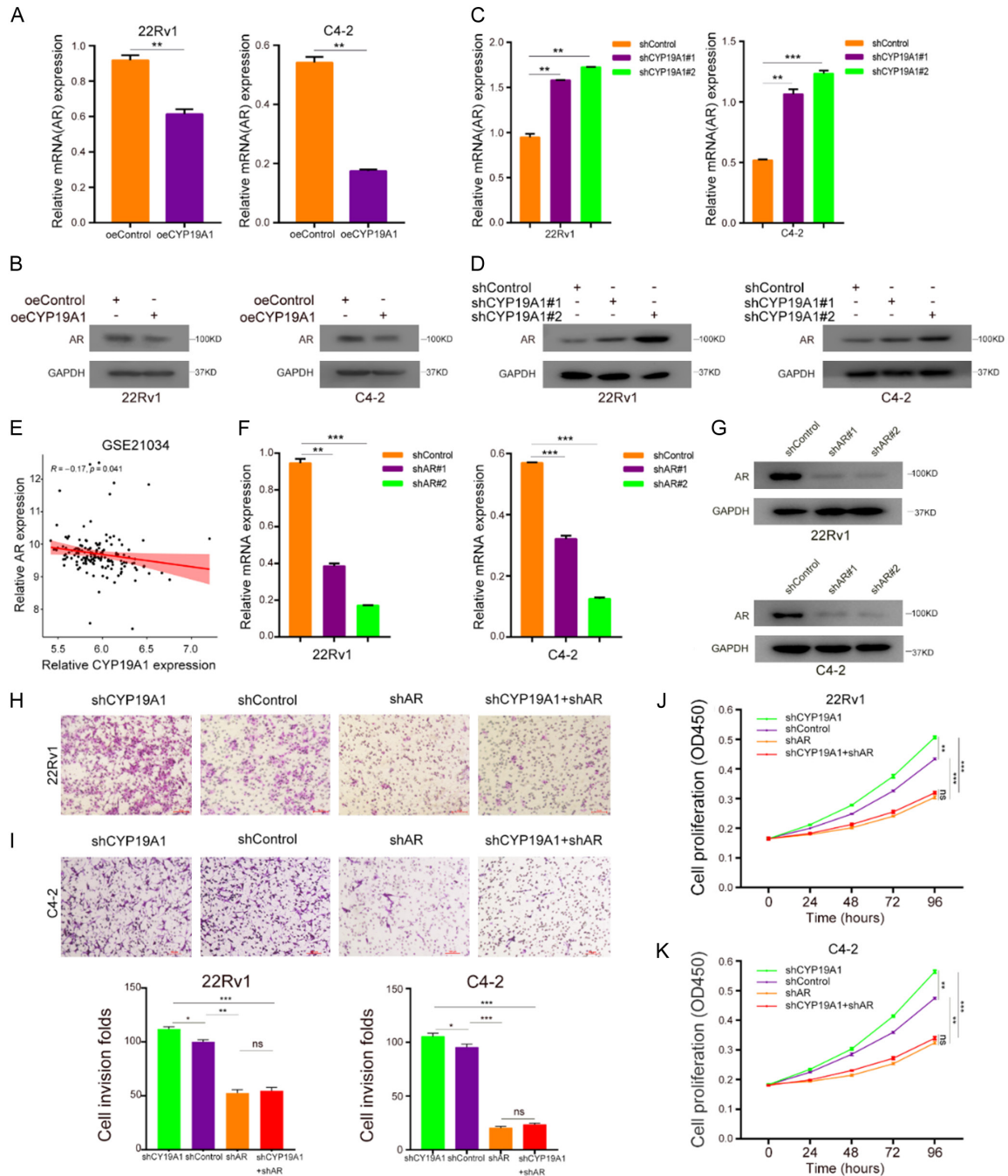


Figure 4. CYP19A1 depresses CRPC cell invasion and proliferation through inhibiting AR. A. The mRNA level of AR after 22Rv1 and C4-2 cells transfected with oeCYP19A1 and oeControl plasmids. B. Protein expression of AR after 22Rv1 and C4-2 cell were transfected by different plasmids. C. The mRNA expression of AR after shControl or shCYP19A1 lentivirus transfected into 22Rv1 and C4-2 cells. D. The protein level of AR after CYP19A1 knockdown in both 22Rv1 and C4-2 cells. E. The correlation of CYP19A1 and AR in PCa samples from GSE21034 dataset. F, G. The efficiency of shAR lentivirus was verified at both the mRNA and protein levels in different cell lines. H, I. 22Rv1 and C4-2 cells invasion ability was detected after transfected with different lentivirus (scale bars: 100 μ m, magnification: 100). J, K. After 22Rv1 and C4-2 cells transfected with different lentivirus, the cell proliferative ability was detected. ns represents no significant, * represents $P < 0.05$, ** represents $P < 0.01$, *** represents $P < 0.001$. GAPDH as an inner control at both qRT-PCR and western blot experiments.