Correction

Correction: Specific up-regulation of p21 by a small active RNA sequence suppresses human colorectal cancer growth

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This article has been corrected: Due to errors during figure preparation, all of the images in Figure 2C are incorrect. The corrected Figure 2, obtained using the original data, is shown below. The authors declare that these corrections do not change the results or conclusions of this paper.

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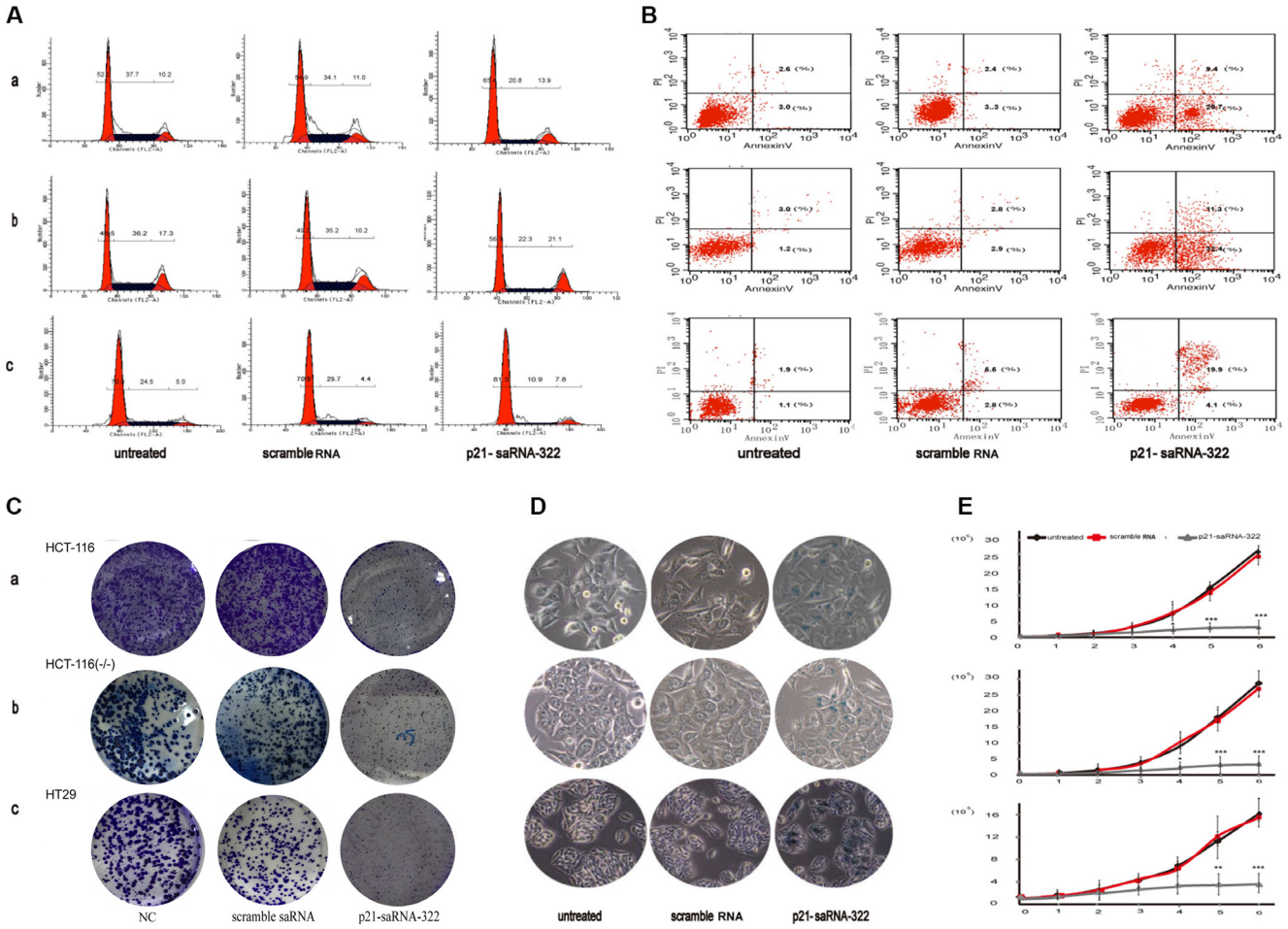

Figure 2: Effects of p21-saRNA-322 on colorectal cancer cells. Colorectal cell lines: HCT-116 (a), HCT-116 (p53–/–) (b) or HT-29 (c) was transfected with p21-saRNA-322 at 25 nM for 48 hrs, scramble RNA and untreated cells were used as negative reference. (**A**) Shown is representative graph indicating cell distribution in the G_0/G_1, S and G_2/M phases. Activation of p21 by p21-saRNA-322 causes cell cycle arrest of HCT-116, HCT-116 (p53–/–) and HT-29 cells at G_1/G_0. (**B**) The p21-saRNA-322 induced cells apoptosis in the colorectal cancer cells. Shown is the representative flow cytometry image of cell apoptosis. Annexin V-stained cells represent the early apoptotic cells; Annexin V+ propidiumiodide-stained cells demonstrate the late apoptotic cells. (**C**) The p21-saRNA-322 suppressed colony formation in colorectal cancer cells. Colony formation was tested by staining cells with crystal violet solution, shown are representative photographs taken from each treatment group. (**D**) The transfection of p21-saRNA-322 induces cell senescence in colorectal cancer cells. Cellular senescence was measured by β-galactosidase assay. Shown are representative of cell senescence. The p21-saRNA-322 transfected cells were positive for SA-b gal, evidenced by cytoplasmic blue color staining. SA-b gal activity: the blue color. (**E**) The p21-saRNA-322 suppressed cell proliferation in colorectal cancer cells. Cell proliferation was determined by cell counting on a daily basis. Each time point data represents the mean ± standard deviation of six independent experiments. Cells of reference groups showed an exponential growth, whereas the growth of the cells with p21-saRNA-322 transfection was markedly suppressed.