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Erratum
Enrichment and characterization of cancer stem-like cells in ultra-low concentration of serum and non-adhesive culture system: Am J Transl Res. 2018; 10(5): 1552-1561

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I'm very sorry for disturbing you. We submitted our manuscript titled "Enrichment and characterization of cancer stem-like cells in ultra-low concentration of serum and non-adhesive culture system" (ID: AJTR0073564) to The American Journal of Translational Research in 2018. However, since the publication of this research article, we retrospected the paper and noticed inadvertent mistake in **Figure 5** that need to be corrected immediately. So we sincerely ask for your help and hope you can help us to correct the mistakes. We have checked the original data carefully and the correct data are provided as follow. Of course, we are pretty sure the correction will not affect our key experimental conclusions. We apologize again for our carelessness, and we also hope that you can guide us to modify the articles we have published. Thank you again for your valuable time.

In **Figure 5**, there are two mistakes. The bottom two pictures of **Figure 5B** have duplicates, I'm also very sorry that the top and bottom two pictures in 5C also overlap. We checked the original data and found that this error is really unreasonable. After analyzing the original data, we reorganized the picture. Of course, we are pretty sure the correction will not affect our key experimental conclusions.

The correct version of **Figure 5** appears bellow.

The body of the paper needs to be modified as follows:

Analysis of CSCs markers by flow cytometry

The flow cytometry was used for analysis of expression of CSCs markers in tumor LL/2 cells spheres. The analysis revealed that the LL/2 cells spheres population were CD133 (56.76%) and CD34 (50.11%) positive with low level of CD45 (0.75%) expression (**Figure 5A-C**) compared with the parental adherent monolayer cells, which corresponds to the previous identified phenotype of lung cancer CSCs [28]. These results showed that when parental cells were cultured in the ULCSN culture system, the spheres expressed LL/2 CSCs markers. What's more, the positive marker CD133 and CD34 expressed more and more during these spheres were continuous cultured while CD45 was always low (**Figure 5C**). These results showed that the ULCSN culture system could enrich stem-like cells in LL/2 parental tumor cells.

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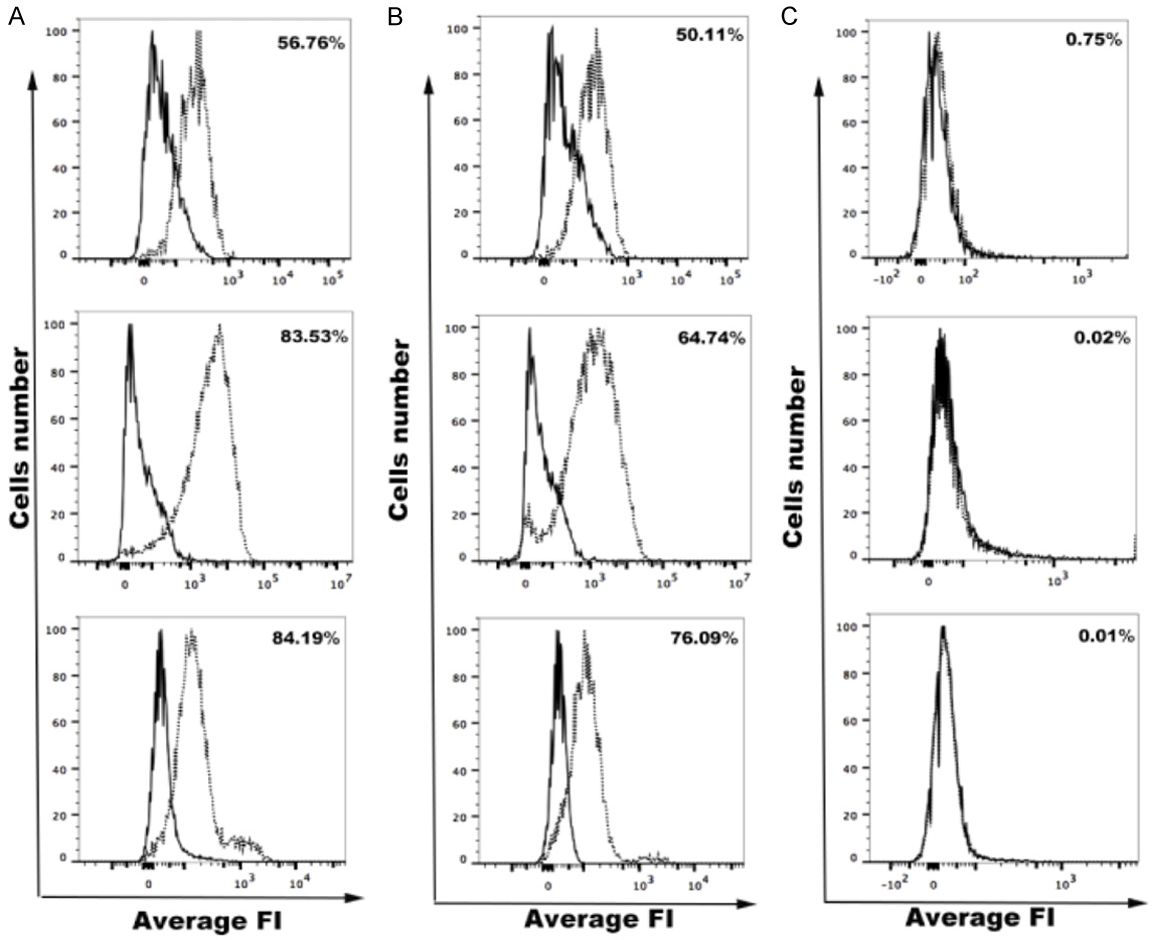

Figure 5. Expression of lung CSCs markers by LL/2 parental cells and spheres. Cells were incubated with Abs against CD133, CD34 or CD45, respectively. (A) Average fluorescence intensity of CD133 in LL/2 parental cells (solid line) and spheres (imaginary line). The above picture showed the expression of CD133 in the first generation of LL/2 sphere cells, middle picture represented the expression of CD133 in the second generation of LL/2 sphere cells and the picture at the bottom showed the third generation, respectively. (B, C) Average fluorescence intensity of CD34 or CD45 in LL/2 parental cells (solid line) and spheres (imaginary line) for the same generation with (A), respectively.