Fig. S1 Significant GO term enrichment histograms.

Fig. S2 (A) qPCR analyses showed that *SOX2*, *ABCG2* and *PAX6* were significantly more upregulated in the adherent 3D group than in the suspension 3D group, whereas *OCT4*, *NANOG* and *KLF4* were not significantly different in these two groups. (*, P < 0.05; **, P < 0.01; ***, P < 0.001; ****, P < 0.0001).

Fig. S3 qPCR analyses showed the expression of *SOX2*, *ABCG2* and *PAX6* in suspended 3D spheroids, adherent 3D spheroids and adherent 2D cells with or without blebbistatin treatment. (*, P < 0.05; **, P < 0.01; ***, P < 0.001; ****, P < 0.0001).