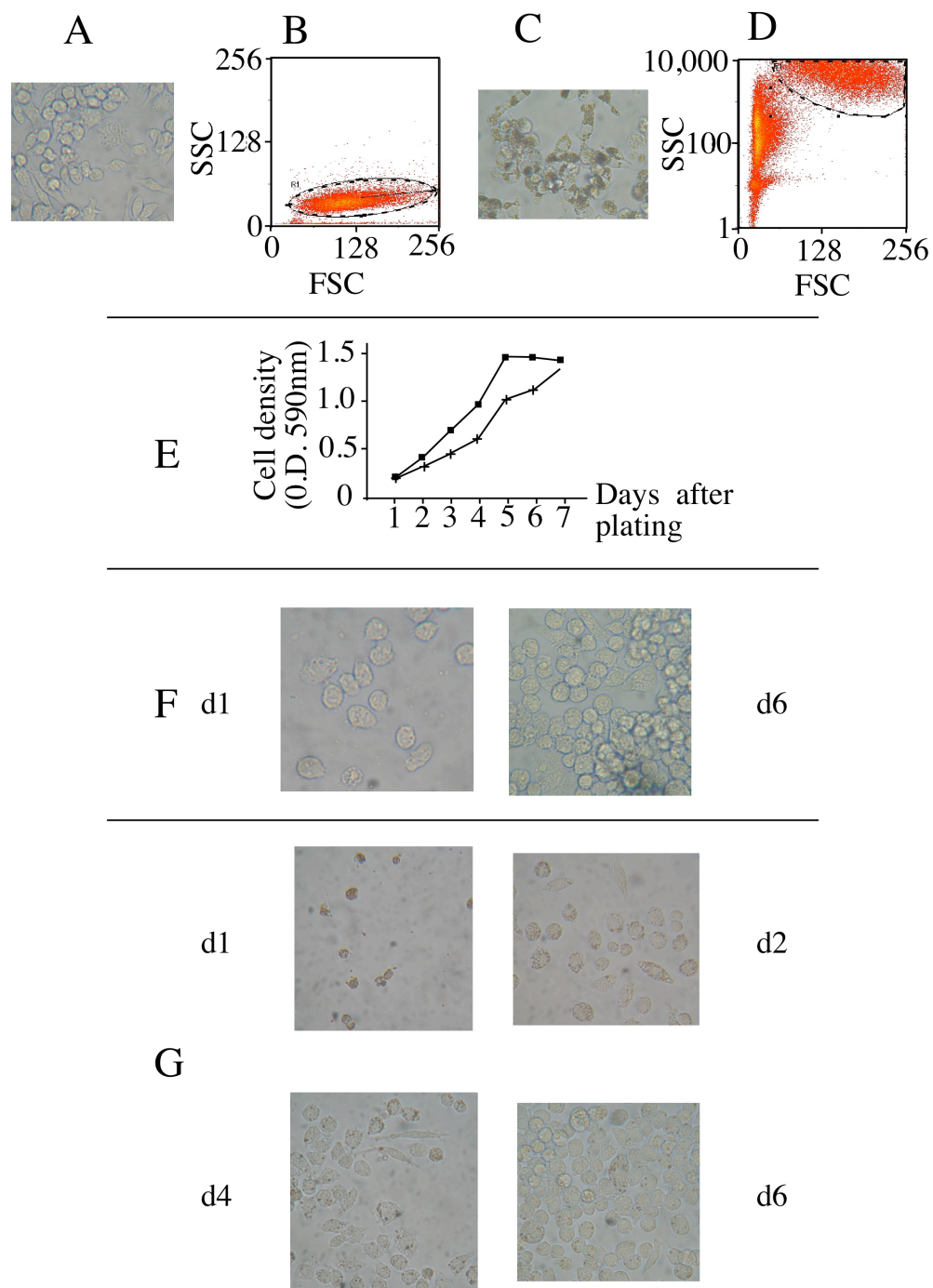


Supporting information Figure S5: Growth ability of titanium dioxide-treated J774 cells



This figure represents the various steps of the sorting and growth experiment.

A : light microscopy image of control cells.

B : scattering parameters of the control cells in the FACS. The dotted line shows the sorting window for control cells

C : light microscopy image of titanium dioxide-treated cells (100 μ g/ml, 24 hours).

D : scattering parameters of the titanium dioxide-treated cells in the FACS. The dotted line shows the sorting window for titanium dioxide-loaded cells

E : growth curve of the control cells (crosses) and titanium dioxide-treated cells (squares) after sorting and plating at 100,000 cells/ml. Doubling time : 37 hours for control cells and 22 hours for titanium dioxide-treated cells

F : light microscopy image of sorted control cells at day1 and day 6 after plating

G : light microscopy image of sorted, titanium dioxide containing cells at day 1, 2 4 and 6 after plating