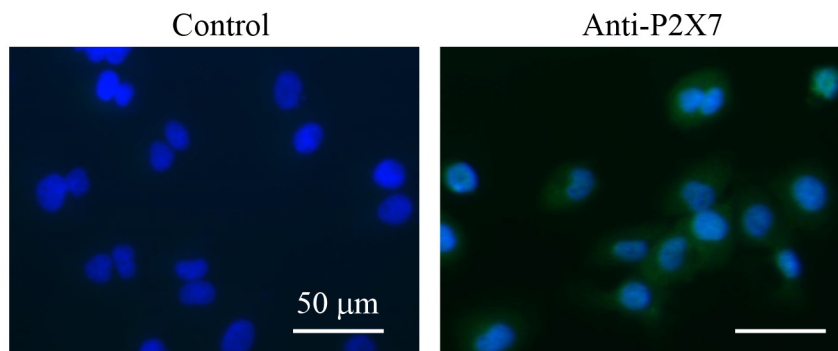
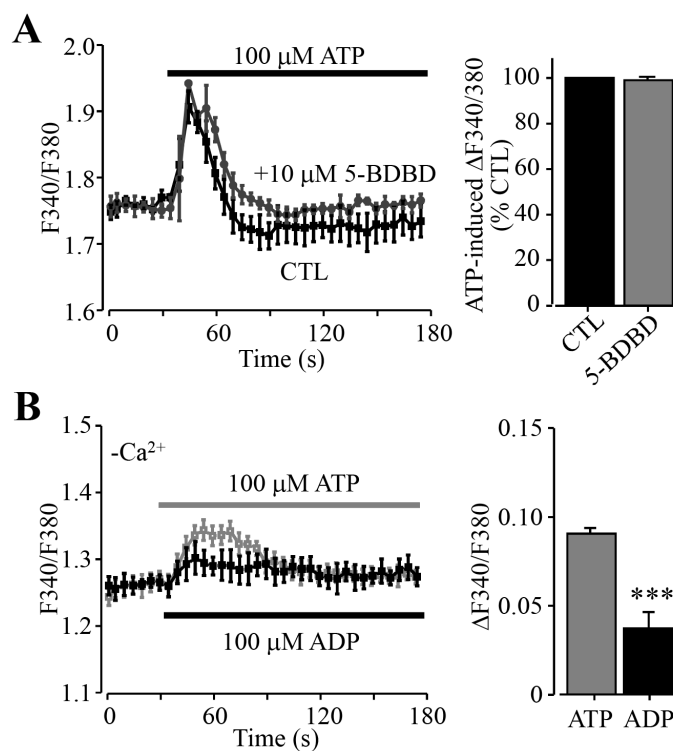


Carcinoma-specific expression of P2Y₁₁ receptor and its contribution in ATP-induced purinergic signalling and cell migration in human hepatocellular carcinoma cells

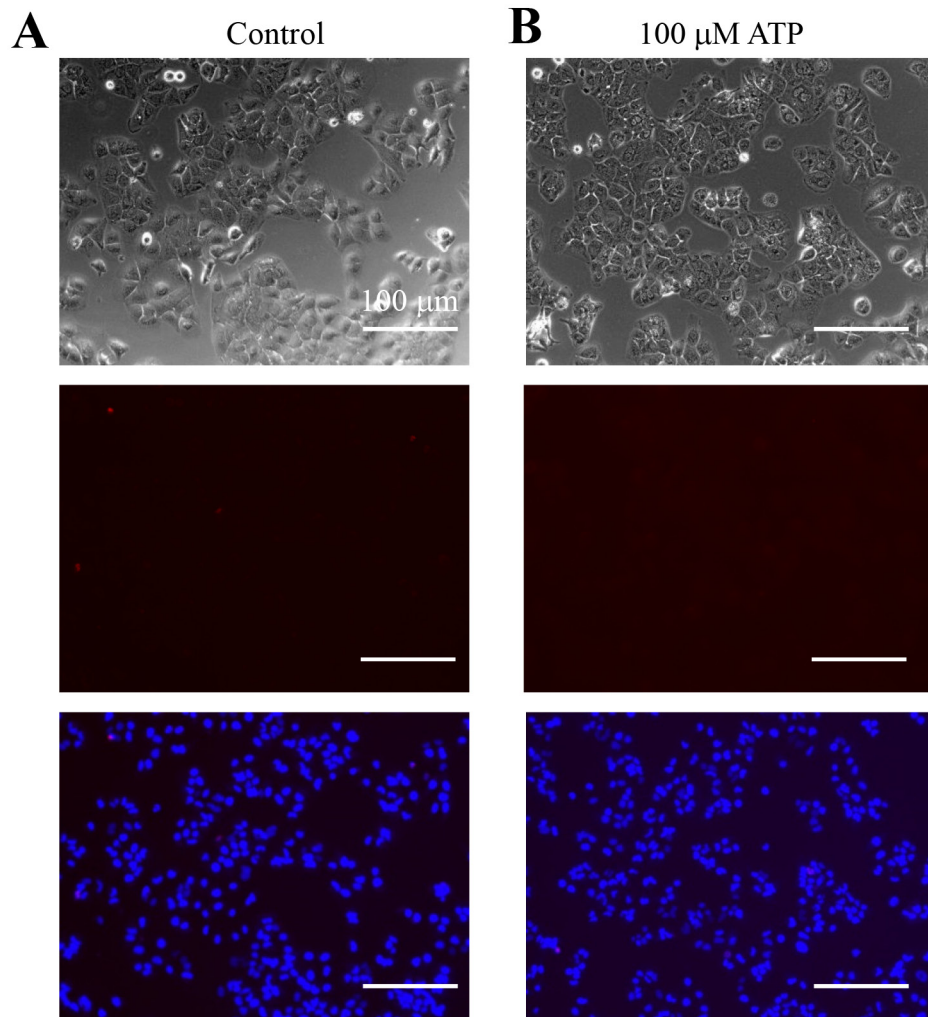
SUPPLEMENTARY MATERIALS



Supplementary Figure 1: Immunostaining of the P2X7 receptor in Huh-7 cells. Representative confocal images showing control cells stained only with the secondary antibody (left panel) and cells stained with primary anti-P2X7 antibody and the secondary antibody (right panel). Cells were counterstained with DAPI. Similar results were observed in two independent experiments.



Supplementary Figure 2: Ca²⁺ responses to P2X or P2Y agonists in Huh-7 cell. (A) *Left*, representative recordings of 100 μM ATP-induced Ca²⁺ responses in control cells or cells pre-treated with 10 μM 5-BDBD, with six wells of cells for each case. *Right*, summary of ATP-induced peak increase in the [Ca²⁺]_i in control and 5-BDBD-treated cells, expressed as % of that in control cells, from twelve wells from two independent experiments. (B) *Left*, representative recordings of the Ca²⁺ responses induced by 100 μM ADP (black) and ATP (grey) in extracellular Ca²⁺-free solutions with six wells of cells. *Right*, summary of the peak increase in the [Ca²⁺]_i. ***, p < 0.001.



Supplementary Figure 3: No effect of ATP on Huh-7 cell survival. Representative bright field (top) and fluorescent images showing PI staining (middle) and merged images (bottom) showing PI and Hoechst staining under control conditions (**A**) and in the presence of 100 μ M ATP for 24 hr (**B**) from four wells of cells for each condition.