

Description of Additional Supplementary Files

File Name: Supplementary Movie 1-3

Description: Movies of time-lapsed video showing Ca²⁺ increases in mock T (Data1), OSCAR-1 (Data 2) and OSCAR-3 (Data 3) cells after interaction with OSA tumor cells. OSA cells were seeded on Ibidi μ -slide the day before the experiment. CAR T cells loaded with Fura 2-AM were added before image recording. Images were acquired every 20 seconds for 80 cycles. CAR T cell Ca²⁺ level is color-coded, ranging from blue to red. Scale bar, 50 μ m.