

Supplemental Materials

Molecular Biology of the Cell

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SUPPLEMENTARY FIGURE LEGEND

Supplementary Figure 1. Integrin β 3 and integrin β 5 contribute to TIM4-driven phagocytosis. (A) Percent knockdown of integrin β 3 and integrin β 5 mRNA, determined by real-time qPCR, after treatment with the corresponding siRNA. Data are expressed relative to scrambled siRNA-treated cells and are means \pm S. E. M of three independent determinations. (B) Effect of integrin β 3 and β 5 knockdown on TIM4-dependent phagocytosis. Data were normalized to scrambled siRNA-treated cells and are the mean \pm S. E. M. of three independent experiments. ** indicates $p \leq 0.01$.

SUPPLEMENTARY VIDEO LEGENDS

Supplementary Video 1. Behaviour of PM-GFP upon PtdSer bead contact. Beads were coated with PtdSer and labeled also with rhodamine-PtdEth for visualization (red). The bead initially in the lower left quadrant was captured by laser tweezers and driven onto the surface of a PM-GFP-expressing cell. The behaviour of the membrane marker was monitored by time-lapse spinning disc confocal microscopy. The movie, acquired at a rate of 10 frames/min, is 36 frames long and is played at a frame rate of 7 frames/sec.

Supplementary Video 2. Accumulation of TIM4-GFP at sites of contact with PtdSer-coated beads. Beads were coated with PtdSer and labeled also with rhodamine-PtdEth for visualization (red). The bead initially in the lower right quadrant was captured by laser tweezers and driven onto the surface of a TIM4-GFP-expressing cell. The behaviour of the receptor was monitored by time-lapse spinning disc confocal microscopy. The movie, acquired at a rate of 10 frames/min, is 51 frames long and is played at a frame rate of 7 frames/sec.

Supplementary Figure 1

