Isolation of NK cells and adoptive transfer
Enriched NK cells were isolated from livers of IL-2-treated C57BL/6 mice as described previously (ref S1). Briefly, mice were injected twice a day with $10^5$ IU of human recombinant IL-2 (PROLEUKIN, Chiron France, Suresnes) for 4 consecutive days. Liver were minced and passed through a 100-µm nylon mesh in Ca$^{2+}$-Mg$^{2+}$-free PBS. Cell suspension was centrifuged at 500 g for 5 min, and pellet resuspended in PBS and filtered through 100-µm nylon mesh. The cell suspension was underlaid with 10 ml of Lympholyte-MJ (Ceder Lane Laboratories, Ontario, Canada) and centrifuged at 1400 g for 30 min at 20°C. Cells at the interface were collected and washed with PBS. NK cells were further purified by negative selection. Liver leukocytes were incubated with anti-class II M5/114 (TIB 120, ATCC), anti-CD8α 53-6.72 (ATCC, TIB-105), anti-CD4 GK1.5 (TIB 207, ATCC). Cells were then washed and incubated with sheep anti-rat IgG M-450 Dynabeads (Dynal Biotech, Oslo, Norway). Labeled cells were then selectively depleted with a magnet. NK cells (DX5$^+$TCRβ$^-$neg) purity was routinely above 90% as assessed by flow cytometry analysis. The frequency of Ly49D$^+$ NK cells was 54%. CD8 T cells were not detectable. NK cells were subsequently injected intravenously into mice (5 × 10$^6$/mouse in PBS).

CD8$^+$ T cell purification and adoptive transfer
Spleen cells from wild-type C57BL/6 mice were incubated with: anti-class II M5/114 (TIB 120, ATCC), anti-CD11b M1/70 (TIB 128, ATCC), anti-B220 RA3-3A1 (TIB 146, ATCC), and anti-CD4 GK1.5 (TIB 207, ATCC). Cells were then washed and incubated with sheep anti-rat IgG M-450 Dynabeads (Dynal Biotech, Oslo, Norway). Stained cells were then selectively depleted with a magnet. The purity of CD8$^+$ T cells was routinely above 80% as assessed by flow cytometry analysis. CD8$^+$ T lymphocytes were labelled with 2.5 µM of CFSE and subsequently injected intravenously into mice (10 × 10$^6$/mouse). Analysis of CFSE-dilution in lymph node CD8$^+$ T cells was performed by flow cytometry on CD8α$^+$ TCRβ$^+$ gated cells.

Supporting reference