Video Legends

Supplemental Video 1. Tregs engage islet DCs in dynamic interactions. 3 x 10^6 CMTMR-labeled BDC2.5 Tregs were i.v. injected into a NOD.CD11c-YFP.CD28$^{-/-}$ mouse. Islets were isolated 18 h later for imaging by two-photon microscopy. Maximal projection time-lapse video of a representative islet showing BDC2.5 Tregs (red) crawling over CD11c$^+$ DCs (white). Images were collected every 30 s for 20 min and are displayed at 10 frames/s. Elapsed time is displayed in min:s.

Supplemental Video 2. 8.3 CD8$^+$ T cells engage islet DCs. 10^7 CMTMR-labeled CD8$^+$ T cells isolated from the spleens of TCR transgenic NOD.8.3 mice were transferred to NOD.CD11c-YFP.CD28$^{-/-}$ mice. Islets were harvested the following day and imaged by two-photon microscopy. Maximal projection time-lapse video from a representative islet depicting CD11c$^+$ DCs (white) interacting with 8.3 CD8$^+$ T cells (red). Images were collected every 30 s for 20 min and are displayed at 10 frames/s. Elapsed time is displayed in min:s. See also Figure 3.

Supplemental Video 3. BDC2.5 Tregs do not disrupt interactions of islet 8.3 CD8$^+$ T cells with DCs. 10^7 CMTMR-labeled CD8$^+$ T cells isolated from the spleens of TCR transgenic NOD.8.3 mice were transferred to NOD.CD11c-YFP.CD28$^{-/-}$ mice at 7 d post-uGFP.BDC2.5 Treg treatment. Islets were harvested the following day and imaged by two-photon microscopy. Maximal projection time-lapse video from a representative islet depicting dynamic interactions of CD11c$^+$ DCs (white), 8.3 CD8$^+$ T cells (red), and BDC2.5 Tregs (green). Images were collected every 30 s for 20 min and are displayed at 10 frames/s. Elapsed time is displayed in min:s. See also Figure 3.