The Macrophage-depleting Agent

Clodronate Promotes Durable

Hematopoietic Chimerism and Donor-

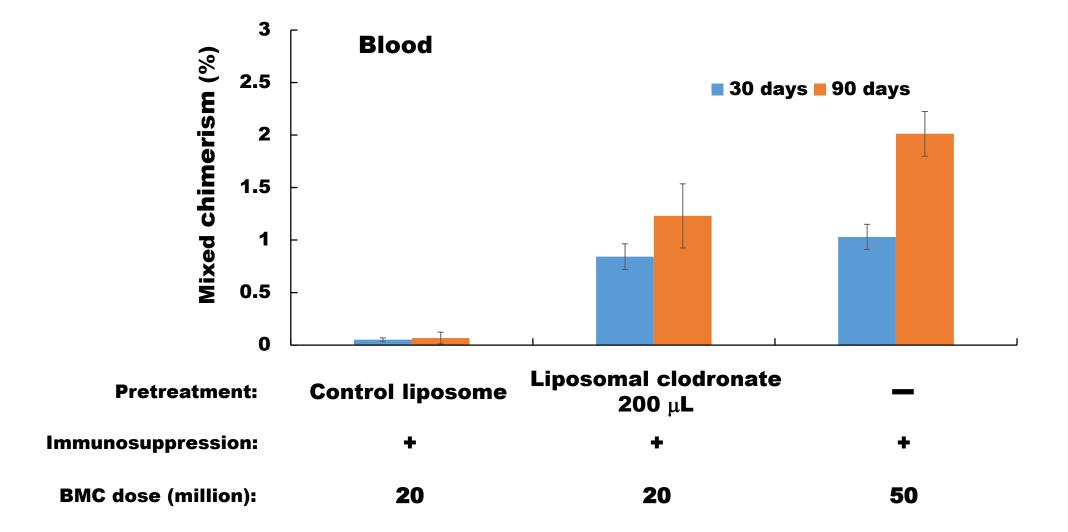
specific Skin Allograft Tolerance in Mice

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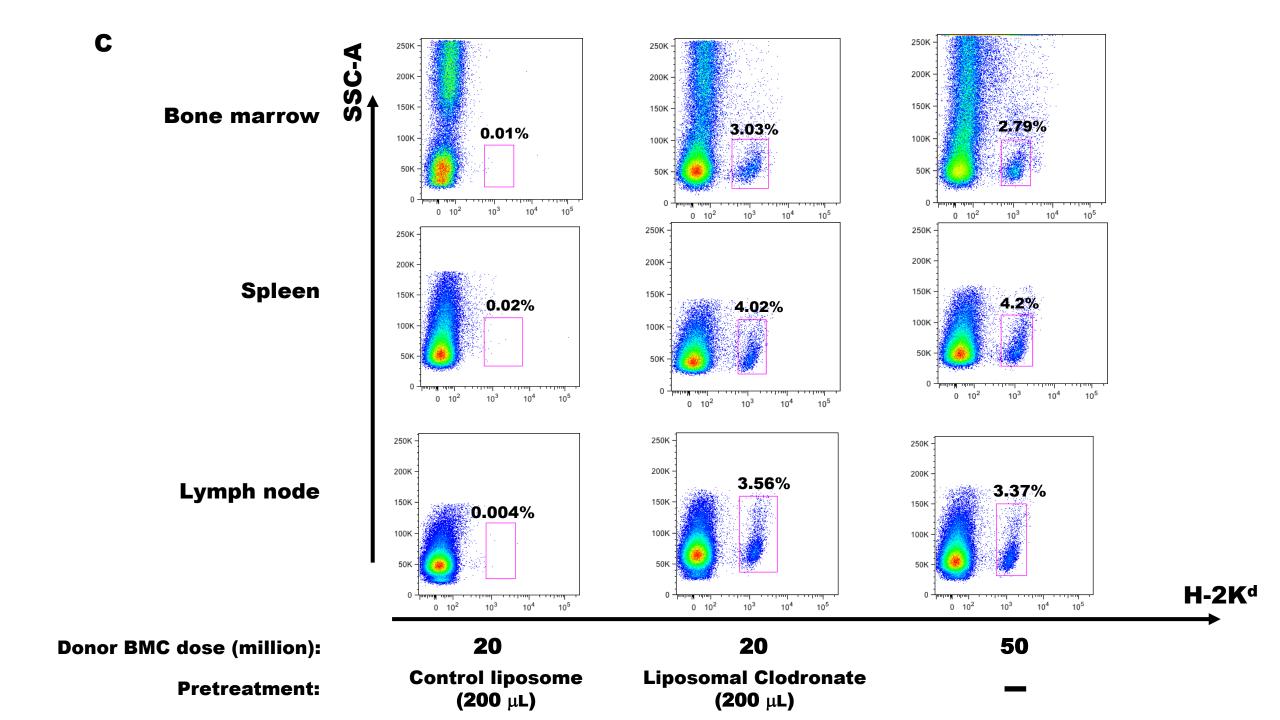
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Time after bone marrow transplantation (days)



Supplemental Figure Legends

Supplementary Figure 1: Low dose liposomal clodronate (200 µl) pretreatment enhances mixed hematopoietic chimerism and donor-specific skin allograft tolerance. A) Enhanced mixed hematopoietic chimerism. The percentage of cells expressing BALB/c MHC-class I in peripheral blood (H-2K^d), expressed as mean \pm SEM, was checked at the time-points indicated at the upper right after bone marrow transplantation under the conditions specified below the x-axis. B) Donor-specific skin allograft tolerance. C57BL/6 mice receiving BALB/c bone marrow transplantation were subjected to both BALB/c (donor type, filled marks) and CBA/Ca (third party, open marks) primary skin transplantation 90 days later, as indicated by the arrow. The symbol code is shown in the box above the figure with the number of mice in each group in parentheses next to each symbol. Primary skin allograft survival is shown. C) Clodronateinduced chimerism is durable in immune organs. The immune organs indicated to the left of each row of the mice defined below each column of plots were analyzed on day 180 post bone marrow transplantation for hematopoietic chimerism as assessed by flow cytometry. The data shown are from one mouse from each of the treatment groups and are representative of a total of 7 (control liposomes), 4 (clodronate) and 7 (50 million cells, no clodronate) mice analyzed from each group combined from the 2 independent experiments performed.