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On the cover: 40x H&E stain of paraformaldehyde-fixed and paraffin-embedded human skin grafted onto C.B-17 SCID/beige mice that had been adoptively transferred with human effector memory CD4<sup>+</sup> T cells (CD45RO<sup>+</sup>CCR7<sup>-</sup>CD62L<sup>-</sup>) and harvested after 3 wk. The dermis shows signs of significant rejection including extensive infiltration of leukocytes and thrombosis of the microvasculature. Shiao, S. L., N. C. Kirkiles-Smith, B. R. Shepherd, J. M. McNiff, E. J. Carr, and J. S. Pober. 2007. Human effector memory CD4<sup>+</sup> T cells directly recognize allogeneic endothelial cells in vitro and in vivo. *J. Immunol.* 179: 4297–4944.

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