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## ON THE COVER

Illustration of a functional T cell (background) and an exhausted T cell (foreground). When responding to chronic infection or cancer, T cells become exhausted and lose many of their core functions. This process involves a fundamental "rewiring" of the cellular regulation of gene expression. Thus, exhausted T cells likely represent a distinct cell lineage. See pages 1104, 1160, and 1165.  
Illustration: Valerie Altonnian/Science

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