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Cover picture: The interaction of natural killer (NK) cells with sensitive targets results in the activation of numerous intracellular biochemical cascades. Of utmost importance is the polarization of the cytotoxic granules toward the target cell, which is brought about through reorganization of the actin cytoskeleton and formation of the microtubule organizing center. The image depicts the interaction of NK cells with the NK-sensitive erythroid leukemia target cell line K562 in which the cytolytic granules have either polarized (*lower left)* or not polarized (*upper right*) toward the target cell. The granules were stained with acridine orange and visualized using fluorescence microscopy. See related article in this issue by Billadeau et al., pp. 549–559.

Brief Definitive Reports

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