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Increased homing of cells occurs when the bone marrow is damaged, as in leukemia or autoimmunity, and increased homing is known to be deleterious.

Cancerous immune cells create abnormal microenvironments in bone marrow that attract normal immune precursor cells, disrupting their function and exacerbating disease.

**MEDICINE**

Leukemic Cells Create Bone Marrow Niches That Disrupt the Behavior of Normal Hematopoietic Progenitor Cells A. Colmone et al. Cancerous immune cells create abnormal microenvironments in bone marrow that attract normal immune precursor cells, disrupting their function and exacerbating disease.

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Label-Free Biomedical Imaging with High Sensitivity by Stimulated Raman Scattering Microscopy C. W. Freudiger et al. Three-dimensional imaging based on stimulated Raman scattering can detect lipids in living cells and monitor the movement of drugs through the skin.

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Revenge of the Nerds
Intelligence marks a man as a good match.

Binding of CD3ε subunits to plasma membrane lipids blocks T cell receptor signaling.

NETWATCH: GEDI, the Gene Expression Dynamics Inspector
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Science 322 (5909), 1753-1869.