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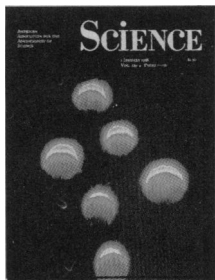
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COVER Molecular crowding on the living cell surface is revealed by the redistributions of fluorescence-labeled surface proteins in electrical potential gradients. This pseudocolor digital image shows induced asymmetric concentration profiles of fluorescein-labeled immunoglobulin E receptors on rat basophilic leukemia cell surfaces. Strongly enhanced thermodynamic activities of cell surface proteins even at normal concentrations were found by quantitative analysis of these images. See page 61. [T. A. Ryan, J. Meyers, B. Baird, and W. W. Webb, Cornell University, Ithaca, NY 14853]

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