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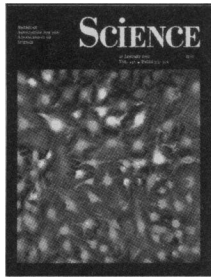
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COVER A wave of increased cytosolic calcium concentration propagates from cell to cell through a confluent culture of hippocampal astrocytes. The wave, induced by glutamate and measured with fluo-3, is evident from the spatial progression of color overlay areas (in a spectral sequence from violet to red). Each color indicates an area of calcium elevation at one of seven successive 4-second intervals. See p. 474. [Digital fluorescence micrograph courtesy of Ann H. Cornell-Bell, Steven M. Finkbeiner, Mark S. Cooper, and Stephen J. Smith]

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