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Cover picture: A cortico-geniculate neuron from cat primary visual cortex, intracellularly injected with Lucifer yellow in a brain slice preparation. The cell body contains retrogradely transported, rhodamine-coupled fluorescent microspheres, which were injected into the lateral geniculate nucleus. The red fluorescent cells are cortico-geniculate cells retrogradely labeled with microspheres alone (see pp. 1223–1249). Micrographs by Dr. L. Katz, Neurobiology Lab, Rockefeller University, New York, New York.

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