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Leech embryo showing part of the future nervous system as a band of small, red-fluorescing cells bordering the ventral midline. An N teloblast was injected with rhodamine-labeled dodecapeptide at stage 6a. After subsequent development to mid-stage 8 the embryo was fixed and stained with Hoechst 33258. Nuclei appear as blue-fluorescing dots; only the injected cell (center) and its clonal descendants fluoresce red (about × 610). See page 1538. (Saul J. Zackson, Molecular Biology, University of California, Berkeley)