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Rat hippocampal slices supported on a nylon mesh laid over a polyethylene sheet in one compartment of a dual, linear flow, incubation and recording chamber. The 5-hour-long transverse slices (0.4 millimeter thick, 5 to 6 millimeters long, and 2 to 3 millimeters wide) are perfused with artificial cerebrospinal fluid and oxygenated with a humidified gas mixture of 95% oxygen and 5% carbon dioxide. See page 1326. [Robert D. Acland, School of Medicine, University of Louisville, Louisville, KY 40292]
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