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Cover legend: Cultured rat hippocampal neurons (7 d *in vitro*) 1.5 h after excitotoxic stimulation with glutamate. The cells are stained for vesicular GABA transporter (green) and β -tubulin (red). Although hippocampal cultures are enriched in glutamatergic neurons, they also contain a small percentage of GABAergic neurons, which project axons throughout the culture. For more information, see the article by Gomes et al. in this issue (pages 4622–4635).

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