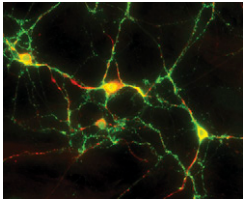


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Primary neurons from neonatal rat cortex display changes in adenosine-to-inosine RNA editing in coding regions of many transcripts when network activity is increased or suppressed (see Sanjana *et al.*, pp. 281–287). In the image, taken after 21 days *in vitro*, green puncta correspond to synaptic vesicles (labeled with anti-Synapsin I) in presynaptic active zones and are indicative of synaptic connections between neurons. Neuron cell bodies and their dendrites are labeled in red with anti-microtubule associated protein 2 (MAP2). (Photo courtesy of Neville Sanjana.)

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