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Cover legend: Confocal image of a cholinergic single-cell microculture. This neuron has been partially depleted of clathrin by RNAi. It is expressing GFP (pseudocolored orange-yellow) and has been stained to show synapses (red) and clathrin (blue). Autaptic electrophysiological recordings in these cultures, together with electron microscopy, live cell imaging, or immunofluorescence, reveal that clathrin levels set limits for presynaptic plasticity. For more information, see the article by López-Murcia et al. (pages 8618–8629).

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