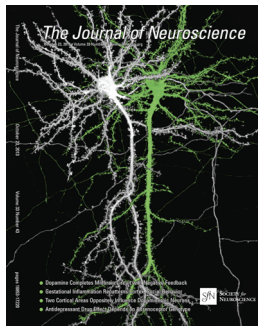


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Cover legend: This composite image merges two confocal micrographs of 3-week-old pyramidal neurons cultured from wild-type and CPEB3 knockout mouse cortices. The dendritic spines in the knockout (gray-white) neuron are larger than those in the wild-type neuron (green), and are associated with enhanced memory performance in the knockout mice. For more information, see Chao et al. (17008–17022).

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