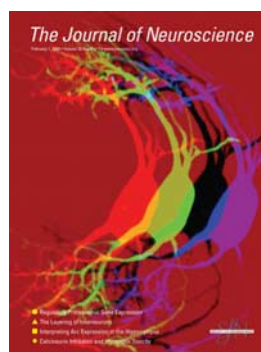


# The Journal of Neuroscience

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**Cover picture:** Single nucleus laminaris (NL) neurons filled with fluorescent dye using a method of single-cell electroporation and then imaged live using a multiphoton microscope. NL neurons have relatively symmetrical, bitufted dendrites, which each receive segregated excitatory inputs from the two ears via nucleus magnocellularis. As described in the paper by Sorensen and Rubel, these inputs were differentially manipulated using either deafferentation or electrophysiological stimulation while NL neurons were imaged for up to 7 h. These studies demonstrated that NL dendrites are regulated in an input-dependent manner, growing when stimulated and retracting when deprived. Additionally, balanced activation of the two sets of dendrites appeared to be required to maintain their relative sizes. For details, see the article by Sorensen and Rubel in this issue (pages 1539–1550).

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**Corrections:** In the article, “The Continuous Wagon Wheel Illusion Is Associated with Changes in Electroencephalogram Power at ~13 Hz,” by Rufin VanRullen, Leila Reddy, and Christof Koch, which appeared on pages 502–507 of the January 11, 2006 issue, in the following sentence 150 ms should have been –150 ms, so that the sentence would read: “We also used these signals (before averaging) to perform the following receiver operator characteristic (ROC) analysis: for each perceptual transition, the slope of the signal (that is, the change in the absolute amount of power, ~13 Hz) was estimated over the period (–2000 to –150 ms) before the transition occurred.”

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