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**Cover Picture:** A digitized autoradiograph of a monkey's left visual cortex (V1) showing the ocular dominance columns of both eyes simultaneously as well as the monocular segment. This autoradiograph was obtained from a double-label 2-deoxyglucose (2-DG) experiment in which  $^{14}\text{C}$ -2DG was injected and the left eye was stimulated for 30 min after which  $^3\text{H}$ -2DG was injected and the right eye was stimulated for 30 min. This magnified (approximately 16  $\times$ ) portion of a coronal section cuts through dorsolateral V1 and the calcarine sulcus. The image is shown in pseudocolor with green indicating the uptake of  $^3\text{H}$ -2DG during right eye stimulation and red reflecting the uptake of  $^{14}\text{C}$ -2DG during left eye stimulation. Notice that the 2 colors interdigitate in columns across the dorsal surface of V1. However, also note the large red segment in the buried calcarine sulcus that corresponds to the optic disk representation of the right eye. Photograph provided by the authors, H. R. Friedman, C. J. Bruce, and P. S. Goldman-Rakic, from their paper (pp. 4111–4121, this issue).

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