

# The Journal of Neuroscience

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**Cover legend:** A schematic representation of the correlation structure in primary visual cortex (V1) of the macaque monkey as measured with 100-electrode implanted arrays. The red dots indicate electrode positions (400  $\mu$ m spacing). Each ellipse represents the receptive field size and orientation preference of a neuron in V1. The red lines indicate functional connections between the central neuron and its neighbors, as measured by correlated trial-to-trial response variability in spiking. Correlation is strongest (thickest lines) for neurons that are nearby and for neurons that share a similar orientation preference. This image was created by Ruben Coen Cagli. For more information, see the article by Smith et al. in this issue (pages 12591–12603).

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