

The Journal of Neuroscience

The Official Journal of
the Society for Neuroscience

July 1989
Volume 9 Number 7

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Cover Picture: Computer-assisted flattened reconstruction of the frontal lobe (areas 4 and 6) of the macaque monkey. Tangential distributions of callosal neurons (green) projecting homotopically and association neurons (red) projecting to ipsilateral area 5. Corticocortical cells were identified using retrogradely transported fluorescent dyes, and their position in layers II–III of areas 4 and 6 was charted in each section. The cortex was divided into sectors, 200 μ m maximum width, by lines mimicking the radial arrangement of cell columns. Each labeled cell was projected onto a tangential reference line. The projection was guided by the boundaries of the radial sector into which the cell fell, thus preserving its original tangential position. The reference line was divided into 160 μ m wide bins and the number of cells contained in each bin was expressed by arrayed vertical segments of proportional length. Sections were then aligned on the fundus of the central sulcus. Sets of asterisks, from left to right, represent the fundus of the central sulcus, its crown, the crown of the arcuate sulcus and its fundus. Left is caudal, top is medial. Photograph provided by the authors, P. B. Johnson, A. Angelucci, R. M. Ziparo, D. Minciacchi, M. Bentivoglio, and R. Caminiti, from their paper (pp. 2313–2326, this issue).

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Instructions to Authors appear in the January issue only. Copies of the Instructions can be obtained by writing the *Journal of Neuroscience*, Washington University School of Medicine, Box 8108, 660 S. Euclid Ave., St. Louis, MO 63110. Inquiries concerning manuscripts can be made directly to Barbara Harris, editorial assistant, at the offices of the Journal (314-362-3663; FAX 314-362-9862).

The Journal of Neuroscience (ISSN 0270-6474) is the official journal of the Society for Neuroscience. It is published monthly for the Society, one volume a year, by Oxford University Press, 200 Madison Avenue, New York, NY 10016.

Subscriptions are on a per-volume basis beginning with the January issue. The volume 9 (1989) rate for the U.S. is \$475. Outside the U.S. add \$75; for air-expedited delivery add an additional \$55. Single copies are \$42. Reduced rates are available for members of the Society of Neuroscience. Address subscription and back issue requests to the Journals Department, Oxford University Press, 16-00 Pollitt Drive, Fair Lawn, NJ 07410.

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Postmaster: Second class postage paid at Washington, DC, and at additional mailing offices; send address changes to the Journals Department, Oxford University Press, 16-00 Pollitt Drive, Fair Lawn, NJ 07410.

The Journal of Neuroscience is indexed by *Chemical Abstracts*, *Current Contents*, *Excerpta Medica*, *Index Medicus*, and *Index to Scientific Reviews*.

The journal is printed on acid-free paper.

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