

1191 This Week in *Science*

## Editorial

1193 The Addictive Personality

## Letters

1194 Cool Diamonds: T. H. GEBALLE; R. O. POHL; R. SEITZ

## News & Comment

1196 A Storm Over Steroid Therapy

1198 NIH Readies Plan for Cost Containment ■ FASEB Challenges IOM Study

1200 Astronomers to Map 1 Million Galaxies  
Archeologist Cleared in California Case

1201 Images of an Unquiet Planet

1202 *Briefings*: Hard Times for MRC ■ NAS Agriculture Expert Sacked ■ Antidrug  
Ads for Dope Fiends ■ Brown Likely to Head House Space Panel ■ Burying the  
Report Is Easier ■ What's On Your Mind? Check BrainMap ■ World's Fastest  
Computer ■ Antelope Death Adds to BSE Worries

## Research News

1204 Biology Goes to the Movies

1206 New Maps of a Very Strange Place

1207 Closing in on Einstein's Special Relativity Theory ■ Tilting at Einstein

1209 Genetic Defect Identified in Rare Cancer Syndrome

## Articles

1210 Organizational Aspects of Engineering System Safety: The Case of Offshore  
Platforms: M. E. PATÉ-CORNELL

1217 Highly Parallel Computation: P. J. DENNING AND W. F. TICHY

1223 Olfactory Recognition: A Simple Memory System: P. BRENNAN, H. KABA,  
E. B. KEVERNE

## Research Articles

1227 Retroviral Recombination and Reverse Transcription: W.-S. HU AND  
H. M. TEMIN

1233 Germ Line p53 Mutations in a Familial Syndrome of Breast Cancer, Sarcomas,  
and Other Neoplasms: D. MALKIN, F. P. LI, L. C. STRONG, J. F. FRAUMENI, JR.,  
C. E. NELSON, D. H. KIM, J. KASSEL, M. A. GRYKA, F. Z. BISCHOFF *et al.*

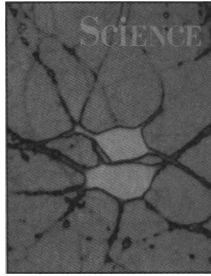
## Reports

1239 Structure of the Reduced TiO<sub>2</sub>(110) Surface Determined by Scanning Tunneling  
Microscopy: G. S. ROHRER, V. E. HENRICH, D. A. BONNELL

1241 Surface Displacements in the 1906 San Francisco and 1989 Loma Prieta  
Earthquakes: P. SEGALL AND M. LISOWSKI

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**COVER** Two hypothalamic neurons that have been stimulated by the neurotransmitter glutamate show an increase in intracellular calcium. The red color indicates calcium visualized with the calcium-sensitive dye fluo-3 and digital video microscopy. See page 1276. [Photograph by Anthony van den Pol]

- 1244 Modern Cyanobacterial Analogs of Paleozoic Stromatoporoids: J. KAŻMIERCZAK AND S. KEMPE
- 1248 Simulation of Tsunamis from Great Earthquakes on the Cascadia Subduction Zone: M. K.-F. NG, P. H. LEBLOND, T. S. MURTY
- 1251 Exploitation of Herbivore-Induced Plant Odors by Host-Seeking Parasitic Wasps: T. C. J. TURLINGS, J. H. TUMLINSON, W. J. LEWIS
- 1253 Increase of the Catalytic Activity of Phospholipase C- $\gamma$ 1 by Tyrosine Phosphorylation: S. NISHIBE, M. I. WAHL, S. M. T. HERNÁNDEZ-SOTOMAYOR, N. K. TONKS, S. G. RHEE, G. CARPENTER
- 1256 Kinetics of Gramicidin Channel Formation in Lipid Bilayers: Transmembrane Monomer Association: A. M. O'CONNELL, R. E. KOEPPLE II, O. S. ANDERSEN
- 1259 Binding of the Wilms' Tumor Locus Zinc Finger Protein to the EGR-1 Consensus Sequence: F. J. RAUSCHER III, J. F. MORRIS, O. E. TOURNAY, D. M. COOK, T. CURRAN
- 1262 Mapping of Herpes Simplex Virus-1 Neurovirulence to  $\gamma$ <sub>1</sub>34.5, a Gene Nonessential for Growth in Culture: J. CHOU, E. R. KERN, R. J. WHITLEY, B. ROIZMAN
- 1266 Calcium Mobilization and Exocytosis After One Mechanical Stretch of Lung Epithelial Cells: H. R. W. WIRTZ AND L. G. DOBBS
- 1269 Recognition by Human V $\gamma$ 9/V $\delta$ 2 T Cells of a GroEL Homolog on Daudi Burkitt's Lymphoma Cells: P. FISCH, M. MALKOVSKY, S. KOVATS, E. STURM, E. BRAAKMAN, B. S. KLEIN, S. D. VOSS, L. W. MORRISSEY *et al.*
- 1273 Diet-Induced Hypercholesterolemia in Mice: Prevention by Overexpression of LDL Receptors: M. YOKODE, R. E. HAMMER, S. ISHIBASHI, M. S. BROWN, J. L. GOLDSTEIN
- 1276 Glutamate, the Dominant Excitatory Transmitter in Neuroendocrine Regulation: A. N. VAN DEN POL, J.-P. WUARIN, F. E. DUDEK
- 1278 A Borna Virus cDNA Encoding a Protein Recognized by Antibodies in Humans with Behavioral Diseases: S. VANDEWOUDE, J. A. RICHT, M. C. ZINK, R. ROTT, O. NARAYAN, J. E. CLEMENTS

## Book Reviews

- 1282 Cooperative Breeding in Birds, reviewed by L. A. FREED ■ Social Insects, G. C. EICKWORT ■ Nature as the Laboratory, W. MONTGOMERY ■ The Highlands Controversy, R. LAUDAN ■ Some Other Books of Interest ■ Books Received

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