### Editorial
1765 Federaled Funded Research

### Letters
1768 PHS Misconduct Procedures: B. C. Hansen and K. D. Hansen ■
1768 International Congress of Entomology: Another Opinion: Y. Itô and S. Masaki ■
1768 Westinghouse Awards: E. D. Scheirer ■
1768 Citations and Careers: J. Janick ■
1768 Uhl's Deification: A. M. Shapiro ■

### ScienceScope
1775 Science policy boosting at DOE; detector backbiting at the SSC; etc.

### News & Comment
1776 Labstyles of the Famous and Well Funded
1779 Seventh AIDS Conference: Mostly "Fine Tuning"
1780 Huge Eruption May Cool the Globe
1780 Whom Do Yew Trust?
1781 Does the Harrison Case Reveal Sexism in Math?
1783 Funding Cutoff Threatens Thai Science
1784 Briefings: Oil and Water ■ Senate Boosts SSC, Main Injector Funding ■
1784 Borderless Grants ■ Can-do Bugs ■ Logger's Dismay ■ Can PR Cool the Greenhouse? ■
1784 A Transforming Look at C_{60} ■ Please Sir, $250 Million More

### Research News
1786 Untwisting the Stars
1788 A New Role for Gases: Neurotransmissions
1789 Famous Monkeys Provide Surprising Results
1790 Fire and Ice: Under the Deep-Sea Floor
1792 How Many Genes Had to Change to Produce Corn?
1794 A Call to Action on a Human Brain Project

### Perspective
1796 Engineered Metal-Binding Proteins: Purification to Protein Folding:
F. H. Arnold and B. L. Haymore

### Articles
1805 Localization and Its Absence: A New Metallic State for Conducting Polymers:
P. Phillips and H.-L. Wu
1813 Blood Pressure Control—Special Role of the Kidneys and Body Fluids:
A. C. Guyton

### Research Articles
1817 Three-Dimensional Structure of the LDL Receptor-Binding Domain of Human
Apolipoprotein E: C. Wilson, M. R. Wardell, K. H. Weisgraber, R. W. Mahley, D. A. Agard
The head of the blowfly Calliphora erythrocephala with its large compound eyes. Each eye contains about 5000 ommatidia, which provide the fly with all its information about the visual world. Because it is highly regular and easily accessible for electrophysiology, the fly visual system is widely used in the study of the fundamental aspects of neural information processing. See page 1854. [Photograph by H. L. Leerentouwer]

1832 RNA Secondary Structure Repression of a Muscle-Specific Exon in HeLa Cell Nuclear Extracts: B. Clouet d’Orval, Y. d’Aubenton Carafa, P. Sirand-Pugnet, M. Gallego, E. Brody, J. Marie

Reports

1829 Pressure Dependence of Superconductivity in Single-Phase K$_3$C$_{60}$: G. Sparn, J. D. Thompson, S.-M. Huang, R. B. Kaner, F. Diederich, R. L. Whetten, G. Gruner, K. Holzcer

1831 Environmental Patterns in the Origins of Higher Taxa: The Post-Paleozoic Fossil Record: D. Jablonski and D. J. Bottjer


1836 Development of Diapiric Structures in the Upper Mantle Due to Phase Transitions: M. Liu, D. A. Yuen, W. Zhao, S. Honda

1839 Regulation of B Cell Antigen Receptor Signal Transduction and Phosphorylation by CD45: L. B. Justement, K. S. Campbell, N. C. Chien, J. C. Cambier


1845 Subunit Communication in the Antranilate Synthase Complex from Salmonella typhimurium: M. G. Caligiuri and R. Bauerele

1848 A Corticosteroid Receptor in Neuronal Membranes: M. Orchinik, T. F. Murray, F. L. Moore


1854 Reading a Neural Code: W. Bialek, F. Rieke, R. R. de Ruyter van Steveninck, D. Warland


Book Reviews

1863 The Surgical Solution, reviewed by J. Reed ■ Living Fossil, J. E. McCosker ■ Longevity, Senescence, and the Genome, T. B. L. Kirkwood ■ Biological Mass Spectrometry, P. Williams ■ Books Received

Products & Materials

1866 Sonic Wind System ■ Automated Coordination Tester ■ Medium for Peptide and Protein Separations ■ Microbiological Decontamination Station ■ Cellulose Acetate Electrophoresis Membranes ■ New Version of ChiWriter ■ Messenger RNA Purification Kit ■ Literature

Author Index for Volume 252 is on pages i-x