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1765 Federally Funded Research

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

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1776 Labstyles of the Famous and Well Funded
1779 Seventh AIDS Conference: Mostly "Fine Tuning"
1780 Huge Eruption May Cool the Globe
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1781 Does the Harrison Case Reveal Sexism in Math?
1783 Funding Cutoff Threatens Thai Science
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1786 Untwinkling the Stars
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1790 Fire and Ice: Under the Deep-Sea Floor
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1796 Engineered Metal-Binding Proteins: Purification to Protein Folding:
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1798 Benefits and Costs of HIV Testing: D. E. BLOOM AND S. GLIED
1805 Localization and Its Absence: A New Metallic State for Conducting Polymers:
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1813 Blood Pressure Control—Special Role of the Kidneys and Body Fluids:
A. C. GUYTON

Research Articles


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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. Leertouwer]

1823 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


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 Anthranilate Synthase Complex from Salmonella typhimurium: M. G. Caligiuri and R. Bauere

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