### Editorial
- 701 The United States and the IIASA Connection

### Perspective
- 702 Structural Basis for Antigen-Antibody Recognition: R. Huber

### Policy Forum
- 704 A Novel Strain of Recklessness • Rifkin Against the World

### Letters

### News & Comment
- 712 U.S., Japan Reach Truce in Chips War
- 713 Computers in Class at the Awkward Age
- 715 The Chesapeake Bay’s Difficult Comeback
- 717 Briefing: Air Force to mothball Vandenberg, reduce reliance on shuttle • Research Fares Well in New French Budget • Saving the Whales faces New Hazard—research Whaling • NY Bar Calls for Overhaul of R&D Enterprise • Graham Nomination still in Limbo

### Research News
- 720 New Fossil Upsets Human Family
- 722 Mathematicians Recognize Major Discoveries
- 723 Depression Research Advances, Treatment Lags • Manic Depression and Creativity

### Articles
- 727 Metals and DNA: Molecular Left-Handed Complements: J. K. Barton
- 734 Conservation in South America: Problems, Consequences, and Solutions: M. A. Mares

### Research Articles
- 740 Cell Recognition by Neuronal Growth Cones in a Simple Vertebrate Embryo: J. Y. Kuwada

### Reports
Equatorial Pacific Seismic Reflectors as Indicators of Global Oceanographic Events: L. A. Mayer, T. H. Shipley, E. L. Winterer

Two Magnetoreception Pathways in a Migratory Salamander: J. B. Phillips


Distinct Pathways of Viral Spread in the Host Determined by Reovirus S1 Gene Segment: K. L. Tyler, D. A. McPhee, B. N. Fields

Psychotomimesis Mediated by κ Opiate Receptors: A. Pfeiffer, V. Brantl, A. Herz, H. M. Emrich


Occult Drosophila Calcium Channels and Twinning of Calcium and Voltage-Activated Potassium Channels: A. Wei and L. Salkoff


Chromosome Y-Specific DNA Is Transferred to the Short Arm of X Chromosome in Human XX Males: M. Andersson, D. C. Page, A. de la Chapelle

Active Human-Yeast Chimeric Phosphoglycerate Kinases Engineered by Domain Interchange: M. T. Mas, C. Y. Chen, R. A. Hitzeman, A. D. Riggs

AAAS Meetings

Annual Meeting: Call for Contributed Papers

Book Reviews

A Cycle of Outrage, reviewed by H. Molotch ■ Les Fourmis et les Plantes, R. C. Buckley ■ Geology of Sedimentary Phosphates, V. E. McKelvey ■ Some Other Books of Interest ■ Books Received

Products & Materials

Benchtop Gas Chromatograph Mass Spectrometer ■ Mathematics Software for Personal Computer ■ Electrophoresis Blotting Apparatus ■ Bibliographic Software ■ Peptide Synthesizer ■ Programmable Viscometer ■ Database for Chemists ■ Literature