### Editorial
9 Materials Research

### Perspective
12 Applied Research: Key to Innovation: A. M. Clogston

### Letters
14 Recombinant DNA: International Guidelines: H. I. Miller and F. E. Young
**Growth Hormone Use:** B. M. Sherman; W. Regelosn
**SDI Research Funds:** G. D. Mostow
**Net Primary Production:** The Tomato Example: B. L. Godfrey
**Forest Restoration in Costa Rica:** D. H. Janzen
**Rejection and Revolution:** R. Rosin; D. E. Koshland, Jr.

### News & Comment
17 End Game for the N Reactor?
19 Textbook Controversy Intensifies Nationwide
20 Romeo and Juliet and Youth Suicide
22 Creationism Case Argued Before Supreme Court
23 Use of Berkeley Reactor Questioned on Military-Related Research
24 Student Protests Block University Changes
26 **Briefing:** Feerstein in Close Call
27 Stanford Branches Out
**Human Values in Medical Schools**
**Peace Institute Grants**
**A $300-Million LINK**

### Research News
27 Free Electron Laser Success Explained
29 Planetary Scientists Are Seeing the Unseeable: More Clues to Asteroid–Dead Comet Connections
30 Mysterious Pluto May Shrink No Longer
31 IRAS Puts Astronomers Out of (One) Business
32 From Its Shape, a Look Inside Mimas
33 Rice Plants Regenerated from Protoplasts

### Articles
33 The Volatility of Stock Market Prices: R. J. Shiller
46 Multiple Calcium Channels and Neuronal Function: R. J. Miller

### Research Articles
53 Diversity of Alpha-Fetoprotein Gene Expression in Mice Is Generated by a Combination of Separate Enhancer Elements: R. E. Hammer, R. Kraulof, S. A. Camper, R. L. Brinster, S. M. Tilghman

### Reports
59 A Revisit to the Guest Star of A.D. 185: Y.-L. Huang and G. H. Moriarty-Schievan
61 Trace Fossil Evidence for Late Ordovician Animals on Land: G. J. Retallack and C. R. Feakes
Cholecystokinin (CCK)-containing neurons of the normal rat hippocampus illustrated by dark-field microscopy after immunocytochemical staining. These CCK-containing interneurons are a subset of γ-aminobutyric acid–containing interneurons that are resistant to epileptic seizure activity (magnification, ~400). See page 73. [Robert S. Sloviter, New York State Department of Health, West Haverstraw, NY 10993, and Columbia University, New York, NY 10032]