### Editorial
381 Biotechnology in a Global Economy

### Letters
382 Patriot’s Success Rate: R. A. SKELLY; E. MARSHALL ■ NSF-Funded Research Centers: H. K. BERNBAUM ■ Air Pollution and Mortality: G. D. THURSTON AND H. ÖZKAYNAK

### ScienceScope
391 Over and out for Bell Labs radio astronomy; a boost for teraflop computing; etc.

### News & Comment
392 The Case of the Florida Dentist ■ Trying to Pin Down an Ever-Changing Virus
395 A Grim Exorcism at Leipzig University
396 Coping With an “Emarrassment of Riches”
398 Yale Plan Draws Faculty Fire
Stanford and MIT in the Dock?

### Research News
399 Homebox Genes Go Evolutionary
401 Jawing With Our Georgian Ancestors
402 A Successful Forecast of an El Niño Winter
403 Knotty Problems—and Real-World Solutions
404 Variable Stars Pulse in a New Light
405 Pop! Goes the Pulsar Planet
406 Briefings: NSF Bombs in Ice Capade ■ FWS Ruffles Ornithologist’s Feathers ■ Viral Tall Tale? ■ Recession Proof ■ Revival for Ivory Poaching ■ Science Role Model

### Perspectives
410 Potocytosis: Sequestration and Transport of Small Molecules by Caveolae:
R. G. W. ANDERSON, B. A. KAMEN, K. G. ROTHBERG, S. W. LACEY
411 Superantigens and Endogenous Retroviruses: A Confluence of Puzzles:
J. M. COFFIN

### Articles
419 Information Processing in the Primate Visual System: An Integrated Systems Perspective:
D. C. VAN ESSEN, C. H. ANDERSON, D. J. FELLEMAN
430 Addictive Drugs: The Cigarette Experience: T. C. SCHELLING

### Research Article
434 Widespread Dispersion of Neuronal Clones Across Functional Regions of the Cerebral Cortex: C. WALSH AND C. L. CEPKO
The Widespread Distribution of a Novel Silica Morphorph in Microcrystalline Quartz Varieties: P. J. Heaney and J. E. Post

Shocked Quartz at the Triassic-Jurassic Boundary in Italy: D. M. Bice, C. R. Newton, S. McCauley, P. W. Reiniers, and C. A. McRoberts


Sporogenic Development of a Malaria Parasite in Vitro: A. Warburg and L. H. Miller

Polymerase II Promoter Activation: Closed Complex Formation and ATP-Driven Start Site Opening: W. Wang, M. Carey, J. D. Gralla


Modulation of Activity of the Promoter of the Human MDR1 Gene by Ras and p53: K.-V. Chin, K. Ueda, I. Pastan, and M. Gottesman

GnRH-Induced Ca2+ Oscillations and Rhythmic Hyperpolarizations of Pituitary Gonadotropes: A. Tse and B. Hille

Predicted Structural Similarities of the DNA Binding Domains of c-Myc and Endonuclease Eco RI: T. D. Halazonetis and A. N. Kandil

Aromatase Enzyme Activity and Sex Determination in Chickens: A. Elbrecht and R. G. Smith

High Probability Opening of NMDA Receptor Channels by l-Glutamate: C. E. Jahr

Axon Guidance by Gradients of a Target-Derived Component: H. Baijer and F. Bonhoeffer

To Witness and Heal: What Science Can Do to Respond to Human Rights Abuse

Congress Boosts Funding for Science

AAAS Fellow Nominations

1992 AAAS Dues

AAAS Award Winners

Free To Be Foolish, reviewed by R. Bayer

Secret Agenda, A. Beyerchen

Some Other Books of Interest

Vignettes: Earth Health

Books Received

Ultraviolet Cross-Linker

NMR Spectrometer

Miniblotter

Surface Protector

Protein Sequencer

Low Profile Refrigerated Circulator

Particle Delivery System

Literature