This Week in Science

1445 Nature, Nurture, and Behavior


A New Agricultural Frontier: P. H. Abelson and J. W. Rowe

Chemical Weapons Pact Edging Closer
Politics of the Genome
Genentech Sues FDA on Growth Hormone
The Vatican Weighs In
Soviet Union Accused of Treaty Violations • Denmark OK's Radar • When Nunn Speaks...
NSF Goes to Congress with Plans for Growth
California's Debate on Carcinogens
Textbook Ruling Sparks Concern

Man and Machine Forecast Big Snow
Supernova Neutrinos at IMB
Imminent Marketing of AZT Raises Problems
Marrow Suppression Hampers AZT Use in AIDS Victims
Mathematical Model Predicts AIDS Spread
Life Thrives Under Breaking Ocean Waves

Chemical Reactions on Clays: P. Laszlo
Model Studies in Molecular Recognition: J. Rebek, Jr.

Two Gamma-Ray Sources and Ancient Guest Stars: Z.-R. Wang
Post-Transcriptional Control of Class I MHC mRNA Expression in Adenovirus 12-Transformed Cells: R. T. M. J. Vaessen, A. Houweling, A. J. van der Eb
cover Domains of a synthetic molecular cleft. Regions of high polarity (red and blue) in the lining of the cleft combine with hydrophobic methyl groups (yellow) and an aromatic acridine nucleus (green). These domains provide surfaces for binding smaller molecules of complementary size, shape, and functionality in studies of molecular recognition. See page 1478. [W. C. Still, University of Pittsburgh, Pittsburgh, PA 15260]

1489 Molecular Cloning and Expression of a Human B-Cell Growth Factor Gene in *Escherichia coli* S. SHARMA, S. MEHTA, J. MORGAN, A. MAIZEL

1492 Elevated Levels of Glucose Transport and Transporter Messenger RNA Are Induced by ras or src Oncogenes: J. S. FLIER, M. M. MUECKLER, P. USHER, H. F. LODISH

1495 Transformation of Rat Fibroblasts by FSV Rapidly Increases Glucose Transporter Gene Transcription: M. J. BIRNBAUM, H. C. HASPEL, O. M. ROSEN


1501 Characterization and Clinical Association of Antibody Inhibitory to HIV Reverse Transcriptase Activity: J. LAURENCE, A. SAUNDERS, J. KULKOSKY


1509 Vertical Distribution of an Estuarine Snail Altered by a Parasite: L. A. CURTIS

1511 F-Actin and Microtubule Suspensions as Indeterminate Fluids: R. E. BUXBBAUM, T. DENNERALL, S. WEISS, S. R. HEIDEMANN

1514 Two Mammalian Genes Transcribed from Opposite Strands of the Same DNA Locus: J. P. ADELMAN, C. T. BOND, J. DOUGLASS, E. HERBERT

1517 Optical Trapping and Manipulation of Viruses and Bacteria: A. ASHKN AND J. M. DZIEDZIC

Book Reviews

1521 The Therapeutic Perspective reviewed by M. S. PERNICK — The Murals of Bonampak, C. C. COGGINS — Wave Interactions and Fluid Flows, T. R. AKYLAS — On the Economy of Plant Form and Function, J. A. TEERI — Books Received

Products & Materials

1525 Four Restriction Enzymes — FORTRAN Graphics Library — Publication-Quality Computer Graphics — Eye Wash Station — Software for Data Collection — Pharmakinetic Analysis Software — Literature
Science 235 (4795), 1448c-1525.