This Week in Science

Editorial
1445 Nature, Nurture, and Behavior

Letters

Perspective
1450 A New Agricultural Frontier: P. H. Abelzon and J. W. Rowe

News & Comment
1452 Chemical Weapons Pact Edging Closer
1453 Politics of the Genome
1454 Genentech Sues FDA on Growth Hormone
1455 The Vatican Weighs In
1456 Soviet Union Accused of Treaty Violations ■ Denmark OK’s Radar ■ When Nunn Speaks...
1458 NSF Goes to Congress with Plans for Growth
1459 California’s Debate on Carcinogens

Research News
1460 Man and Machine Forecast Big Snow
1461 Supernova Neutrinos at IMB
1462 Imminent Marketing of AZT Raises Problems
1464 Mathematical Model Predicts AIDS Spread

Articles
1467 Impending United States Energy Crisis: R. L. Hirsch
1473 Chemical Reactions on Clays: P. Laszlo
1478 Model Studies in Molecular Recognition: J. Rebek, Jr.

Reports
1485 Two Gamma-Ray Sources and Ancient Guest Stars: Z.-R. Wang
1486 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

* SCIENCE is published weekly on Friday, except the last week in December, and with an extra issue in February by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Now combined with The Scientific Monthly© Copyright © 1987 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $65. Domestic institutional subscription (51 issues): $98. Foreign postage extra: Canada $32, other (surface mail) $27, air-surface via Amsterdam $55. First class, airmail, school-year, and student rates on request. Single copies $2.50 ($3 by mail); back issues $4 ($4.50 by mail); Biotechnology issue, $5.50 ($6 by mail); classroom rates on request; Guide to Biotechnology Products and Instruments $16 ($17 by mail). Change of address: allow 6 weeks, giving old and new addresses and seven-digit account number. Authorization to photocopy material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $.10 per page is paid directly to CCC, 21 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + .10. Postmaster: Send Form 3579 to Science, 1333 H Street, NW, Washington, DC 20005. Science is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.

The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.

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

Transformation of Rat Fibroblasts by FSV Rapidly Increases Glucose Transporter Gene Transcription: M. J. Birnbaum, H. C. Haspel, O. M. Rosen


Characterization and Clinical Association of Antibody Inhibitory to HIV Reverse Transcriptase Activity: J. Laurence, A. Saunders, J. Kulkosky


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

F-Actin and Microtubule Suspensions as Indeterminate Fluids: R. E. Buxbaum, T. Dennerll, S. Weiss, S. R. Heidemann

Two Mammalian Genes Transcribed from Opposite Strands of the Same DNA Locus: J. P. Adelman, C. T. Bond, J. Douglass, E. Herbert

Optical Trapping and Manipulation of Viruses and Bacteria: A. Ashkin and J. M. Dziedzic

Book Reviews

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

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.

Science 235 (4795), 1448c-1525.

http://science.sciencemag.org/content/235/4795

http://www.sciencemag.org/help/reprints-and-permissions