

731 This Week in *Science*

## Editorial

733 A Question of Information Policy: RICHARD C. ATKINSON

## Policy Forum

736 Government and Quality in Science: B. D. DAVIS

## Perspective

738 Research on Child and Adolescent Mental Disorders: B. A. HAMBURG

## Letters

739 NASA and University Astronomers: D. HELFAND; D. N. BAKER AND J. J. HILLMAN  
■ Superconductivity Applications: B. R. APPLETON ■ The "Misplaced" Fossils:  
J. A. TALENT ■ Early Man Site Visits: C. V. HAYNES, JR.

## News & Comment

746 Designing Cells to Deliver Drugs  
747 Gore-Tex Organoids and Genetic Drugs ■ French Anderson's 20-Year Crusade ■  
Endothelial Cells to the Rescue  
750 A Genetic Shield to Prevent Emphysema? ■ ADA Deficiency: A Prime Candidate  
752 Fetal Tissue Transplants Remain Off Limits  
753 Congress Finds Bugs in the Software

## Research News

754 Entomologists Wane as Insects Wax  
755 Good News for Superconductors  
756 Neuroscientists Track Nerve Development: A Piece of the Nerve Regeneration  
Puzzle ■ How to Build a Synapse ■ A Temporary Scaffolding Helps Build Brains  
Animal Activism 101  
758 A Wizard of Middle Earth Under Fire ■ Recipe for a Bit of Deep Earth  
760 Faith in Fifth Force Fades  
761 *Briefings*: Canadian Sciences Net \$240 Million ■ How Color Affects People and  
Work ■ Physics Budget Squeeze Ahead at Energy ■ Neuroscience Crisis at  
Washington U.? ■ Sellers' Market for Scarce Chemists

## Articles

765 Dispelling Myths About Verification of Sea-Launched Cruise Missiles:  
G. N. LEWIS, S. K. RIDE, J. S. TOWNSEND  
770 Photoemission Spectroscopy of the High-Temperature Superconductivity Gap:  
G. MARGARITONDO, D. L. HUBER, C. G. OLSON  
775 Fetal Research: J. T. HANSEN AND J. R. SLADEK, JR.

## Research Articles

780 In Vivo Footprinting of a Muscle Specific Enhancer by Ligation Mediated PCR:  
P. R. MUELLER AND B. WOLD

- SCIENCE is published weekly on Friday, except the last week in December, and with an extra issue in March 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 © 1989 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): \$75. Domestic institutional subscription (51 issues): \$120. Foreign postage extra: Canada \$46, other (surface mail) \$46, air mail via Amsterdam \$85. First class, airmail, school-year, and student rates on request. **Single copy sales:** Current issue, \$3.50; back issues, \$5.00; Biotechnology issue, \$6.00 (for postage and handling, add per copy \$0.50 U.S., \$1.00 all foreign); Guide to Biotechnology Products and Instruments, \$18 (for postage and handling add per copy \$1.00 U.S., \$1.50 Canada, \$2.00 other foreign). Bulk rates on request. **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 \$0.10 per page is paid directly to CCC, 27 Congress Street, Salem, Massachusetts 01970. The identification code for *Science* is 0036-8075/83 \$1 + .10. **Change of address:** allow 6 weeks, giving old and new addresses and 11-digit account number. **Postmaster:** Send Form 3579 to *Science*, P.O. Box 1722, Riverton, NJ 08077. *Science* is indexed in the *Reader's Guide to Periodical Literature* and in several specialized indexes.
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**COVER** Chimeric mice derived from embryonic stem cells and progeny carrying a targeted gene disruption at the *c-abl* locus. The agouti coat color is contributed by the embryonic stem cells. Three male chimeras of different host genetic backgrounds, CD-1, C57BL/6, and MF1, are shown clockwise from the top. C57BL/6 chimeras have transmitted the *c-abl* mutation to their progeny (for example, center left). See page 799. Meanwhile, difficulties in working with human stem cells have spurred research on an alternative approach—human endothelial cells as a delivery system for gene therapy in medicine. See page 746. [Photograph by Vergil Sweden]

## Reports

- 787 Effects of the Large June 1975 Meteoroid Storm on Earth's Ionosphere: P. KAUFMANN, V. L. R. KUNTZ, N. M. P. LEME, L. R. PIAZZA, J. W. S. V. BOAS, K. BRECHER, J. CROUCHLEY
- 790 Phyllosilicate Absorption Features in Main-Belt and Outer-Belt Asteroid Reflectance Spectra: F. VILAS AND M. J. GAFFEY
- 793 Analysis of the Published Calorimetric Evidence for Electrochemical Fusion of Deuterium in Palladium: G. M. MISKELLY, M. J. HEBEN, A. KUMAR, R. M. PENNER, M. J. SAILOR, N. S. LEWIS
- 796 Dynamic Pore-Pressure Fluctuations in Rapidly Shearing Granular Materials: R. M. IVERSON AND R. G. LAHUSEN
- 799 Germ-Line Transmission of a *c-abl* Mutation Produced by Targeted Gene Disruption in ES Cells: P. L. SCHWARTZBERG, S. P. GOFF, E. J. ROBERTSON
- 803 Thymotaxin, a Chemotactic Protein, Is Identical to  $\beta_2$ -Microglobulin: C. DARGEMONT, D. DUNON, M.-A. DEUGNIER, M. DENOYELLE, J.-M. GIRAULT, F. LEDERER, K. H. D. LÉ, F. GODEAU, J. P. THIERY, B. A. IMHOF
- 806 Unusual Pattern of Accumulation of mRNA Encoding EGF-Related Protein in Sea Urchin Embryos: Q. YANG, L. M. ANGERER, R. C. ANGERER
- 808 Chromosomal Location and Evolutionary Rate Variation in Enterobacterial Genes: P. M. SHARP, D. C. SHIELDS, K. H. WOLFE, W.-H. LI
- 810 Genomic Sequencing and Methylation Analysis by Ligation Mediated PCR: G. P. PFEIFER, S. D. STEIGERWALD, P. R. MUELLER, B. WOLD, A. D. RIGGS
- 813 Isolation of Human Transcribed Sequences from Human-Rodent Somatic Cell Hybrids: P. LIU, R. LEGERSKI, M. J. SICILIANO
- 815 Tonic Activation of NMDA Receptors by Ambient Glutamate Enhances Excitability of Neurons: P. SAH, S. HESTRIN, R. A. NICOLL

## Technical Comments

- 821 PCR Analysis of DNA from Multiple Sclerosis Patients for the Presence of HTLV-I: C. R. M. BANGHAM, S. NIGHTINGALE, J. K. CRUICKSHANK, S. DAENKE; J. H. RICHARDSON, K. W. WUCHERPENNIG, N. ENDO *et al.*

## Book Reviews

- 825 New Homeless and Old, reviewed by B. A. LEE ■ Atoms for Peace and War, 1953–1961, R. A. DIVINE ■ From Neuropsychology to Mental Structure, M. COLTHEART ■ The Tropical Rain Forest, E. G. LEIGH, JR. ■ Some Other Books of Interest ■ Books Received

## Products & Materials

- 831 Kit for Freezing Mouse Embryos ■ Monoclonal Antibodies ■ Underwater Photosynthesis Profiler ■ Palmtop Computer ■ Tissue Section Adhesive ■ On-line Computer Directory ■ Literature

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**246 (4931)**

*Science* **246** (4931), 731-831.

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