655 This Week in Science

Editorial

657 The International Geosphere-Biosphere Program

Letters


News & Comment

661 $2-Billion Program Urged for AIDS
662 NIH Begins Year-Long 100th Birthday Party
664 The Pentagon Is Not Eating Engineers
665 Mathematicians Look to SDI for Research Funds
666 Briefing: Vaccine Compensation Bill Passed • Researchers Dreams Turn to Paper in U.S.-U.S.S.R. Fusion Plan • Researcher Reprimanded for Pseudorabies Test • USDA Research Rules Killed; NIH Panel to Rewrite Standards • Biotechnology Report Clears House Science Committee Hurdles • Comings and Goings

Research News

669 Two Disease-Causing Genes Found
670 Plate Tectonics Is the Key to the Distant Past
673 The 1986 Nobel Prize in Chemistry

Articles

697 Differentiation-Linked Leukemogenesis in Lymphocytes: M. F. Greaves
704 Life Cycle, Individual Thrift, and the Wealth of Nations: F. Modigliani

Research Articles

718 Structural Heterogeneity and Functional Domains of Murine Immunoglobulin G Fc Receptors: J. V. Ravetch, A. D. Luster, R. Weinshank, J. Kochan, A. Pavlove, D. A. Portnoy, J. Hulmes, Y.-C. E. Pan, J. C. Unkeless

Reports

726 Regular Intervals Between Hawaiian Earthquakes: Implications for Predicting the Next Event: M. Wyss

SCIENCE is published weekly on Friday, except the last week in December, and with an extra issue in May by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 494400) paid at Washington, DC, and at an additional entry. Now combined with The Scientific Monthly® Copyright © 1986 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): $96. Foreign postage extra: Canada $24, other (surface mail) $27, air-surface via Amsterdam $65. 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 six 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 $0.10 per page is paid directly to CCC, 21 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/86 $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 public interest, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
234 (4777)

Science 234 (4777), 655-769.

ARTICLE TOOLS  http://science.sciencemag.org/content/234/4777

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