This Week in Science

Wiring the Campuses

The Value of Animal Research: R. A. Good • Federal Housing and Poverty: P. J. Ferrara • Racemization Dating: J. L. Bada; K. A. Kvenvolden

Anesthesia Cutoff Phenomenon: Interfacial

Science

Research News

An Animal Genome Project? • Plant Maps, Public and Private • What to Do with an Animal Map

China: A Living Lab for Epidemiology

Tapping into Nerve Conversations

Risk Within Reason: R. J. Zeckhauser and W. K. Viscusi

The Formation of Sunlike Stars: C. J. Lada and F. H. Shu

Research Article


Evolutionary Significance of Morphospecies: A Test with Cheilostome Bryozoa: J. B. C. Jackson and A. H. Cheetham

Anesthesia Cutoff Phenomenon: Interfacial Hydrogen Bonding: J.-S. Chiou, S.-M. Ma, H. Kamaya, J. Ueda

科学

SCIENCE is published weekly on Friday, except the last week in December, and with a supplement in March by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class non-profit postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Copyright © 1990 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, $20 (for postage and handling add per copy $1.00 U.S., $2.00 all foreign). Bulk rates on request. Authorization to photocopy material for internal or personal use, or the internal or personal use of specific clients, 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 0036-8075/90 $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 1723, Riverton, NJ 08077. 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 objectives are to further the work of the scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to improve the effectiveness of science in the promotion of human welfare, to advance education in science, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
A Min2+ -Dependent Ribozyme: V. Dange, R. B. Van Atta, S. M. Hecht
In Vivo Receptor-Mediated Phosphorylation of a G Protein in Dictyostelium: R. E. Gundersen and P. N. Devreotes
l-Cysteine, a Bicarbonate-Sensitive Endogenous Excitotoxin: J. W. Olney, C. Zorumski, M. T. Price, J. Labiner
K+ Current Diversity Is Produced by an Extended Gene Family Conserved in Drosophila and Mouse: A. Wei, M. Covarrubias, A. Butler, K. Baker, M. Pak, L. Salkoff
Identity of Inositol 1,2-Cyclic Phosphate 2-Phosphohydrolase with Lipocortin III: T. S. Ross, J. F. Tait, P. W. Majerus
Effect of Phospholipase C-γ Overexpression on PDGF-Induced Second Messengers and Mitogenesis: B. Margolis, A. Zilberstein, C. Franks, S. Felder, S. Kremer, A. Ullrich, S. G. Rhee, K. Skorecki et al.

Inside AAAS
AAAS Council Meeting, 1990: G. Seiler ■ U.S.–Chilean Research Grants ■ Pacific Division in June in Davis ■ Members Who Are Asked to Join Again ■ Security Controls on Communication ■ Education and Equity ■ Franklin Event

Book Reviews
A Shield in Space, reviewed by M. Bunn ■ Science in Germany, A. J. Rocke ■ The Geology of North America, W. B. Hamilton ■ Some Other Books of Interest ■ Books Received

Products & Materials
Inhibitor of RNA Polymerase III ■ Laboratory Balances Feature Microchip Technology ■ T Cell Monoclonal Antibodies ■ Calculator Combines with Computer ■ Chromatography Software ■ Lab Partner Calculator ■ Molecular Biology Software for the Macintosh ■ Literature

TABLE OF CONTENTS