This Week in Science

Editorial

733 Inefficient Remediation of Ground-Water Pollution

Letters


News & Comment

743 Animal Carcinogen Testing Challenged
746 Stanford, Claiming Censorship, Sues NIH
747 Technology Policy: Congress Takes the Reins
748 FAO Proposes a "New" Plan for Feeding Africa
749 FDA Gets Kessler; NIH Gets Left Out
750 New Law Requires Return of Indian Remains
751 Animal Rights Activism Threatens Dissection
752 Briefings: Creationist Writer Cries Foul ■ Employers Shun Genetic Screening ■ MIT's Davidson Heads Princeton Lab ■ NASA plugs Leaky Shuttles—At Last ■ Bailing out of the Bomb Business ■ Botanical Splice ■ Race into the Crust

Research News

754 Cold Fusion: Only the Grin Remains ■ Cold Fusion Follies
756 A Meeting of the Minds on the Genome Project? ■ Hood Seems Likely to Head Berkeley Genome Center
758 Meet Me in St. Louis—with Data: Birds Do It ■ New HIV Infection Mechanism? ■ Miami Vice Metabolite

Articles

763 Hear-Producing Elements and the Thermal and Baric Patterns of Metamorphic Belts: C. P. Chamberlain and L. J. Sonder
770 General Relativity at 75: How Right Was Einstein?: C. M. Will

Research Articles

786 Cell Cycle Control of DNA Replication by a Homologue from Human Cells of the p34cdc2 Protein Kinase: G. D'Ursso, R. L. Marraccino, D. R. Marshak, J. M. Roberts

Reports

792 Origin of Stick-Slip Motion in Boundary Lubrication: P. A. Thompson and M. O. Robbins

SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, 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 additional mailing offices. 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): $80. Domestic institutional subscription (51 issues): $150. Foreign postage extra: Canada $46, other (surface mail) $46, air mail via Amsterdam $85. First class, airmail, school-year, and student rates on request. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 1723, Riverton, NJ 08077. 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., $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 page plus $.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. 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 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 advance education in science, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress.
Methylation of an Immediate-Early Inducible Gene as a Mechanism for B Cell Tolerance Induction: V. L. SEYFERT, S. B. McMATH, W. D. GLENN, A. J. YELEN, V. P. SUKHATME, X. CAO, J. G. MONROE

Region-Specific Neural Induction of an engrailed Protein by Anterior Notochord in Xenopus: A. HEMMATI-BRIANLOU, R. M. STEWART, R. M. HARLAND


ad2 Gene Expression at the G1 to S Transition in Human T Lymphocytes: Y. FURUKAWA, H. PIWINSKA-WORMS, T. J. ERNST, Y. KANAKURA, J. D. GRIFFIN

Female Preference Predates the Evolution of the Sword in Swordtail Fish: A. L. BASOLO

Effects of Fish in River Food Webs: M. E. POWER


Analysis of Functional Diversity During B Lymphocyte Development: K. MEEK

A Mouse Model of the Aniridia-Wilms Tumor Deletion Syndrome: T. GLASER, J. LANE, D. HOUSMAN

Inhibition of the Complement Cascade by the Major Secretory Protein of Vaccinia Virus: G. J. KOTWAL, S. N. ISAACS, R. MCKENZIE, M. M. FRANK, B. MOSS


The Transformation of Corporate Control, reviewed by: S. M. JACOBY

Patenting the Sun: P. M. H. MAZUMDAR

Knowledge, Culture, and Science in the Metropolis: R. RAINGER

The Earth's Climate and Variability of the Sun Over Recent Millenia: P. E. DAMON

ADP-Ribosylating Toxins and G Proteins: H. R. BOURNE

Books Received

Cryosectioning for Electron and Optical Microscopy

Plankton Chambers and Cylinders

RNA PCR Kit

Computerized Living Environment for Rodents

Combination Cross-Linker and Viewer

Software to Analyze Dynamic Systems

Monoclonal Antibodies

Literature
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools** Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/250/4982

**Permissions** Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl