NEWS

New Clues to Superconductivity 860
Health-Care Reform: Support Grows for NIH Trust Fund 862
Peer Review: Congress Finds Little Bias in System 863
Looking Ahead to Cigarette Regulation 863
Anthropology: Lab Custody Fight in Institute ‘Divorce’ 864
Fusion Research: Johnston Takes Project Hostage 865
Defense Funding: Recruiting Ban Affects Research Grants 865
Shanghai Enlists Scientists to Foster Economic Growth 866
AAAS Sells On-Line Clinical Journal 867
Artificial-Life Researchers Try to Create Social Reality 868
Astronomy: Do Tides Power Black Widow’s Mate? 869

DEPARTMENTS

THIS WEEK IN SCIENCE 849
EDITORIAL 851
Computing: Networks and Modeling

LETTERS 853
Parasitology Issues: M. Müller; W. J. Hagan Jr.; H. H. Bauer; M. Bunge; A. F. W. Coulson; B. M. Berger

SCIENCESCOPE 859

RANDOM SAMPLES 870
BOOK REVIEWS 974
Hermann von Helmholtz and the Foundations of Nineteenth-Century Science, reviewed by M. N. Wise
• Everglades, S. R. Humphrey • Dynamical Systems in Social Psychology, P. van Geert • Vignettes • Books Received

PRODUCTS & MATERIALS 981
Composite of computer screens above a globe roughly corresponding to the location of the data. The screens were created with Mosaic software developed at the National Center for Supercomputing Applications (NCSA) for browsing the World Wide Web. This Internet technology enables scientists to make their information rapidly available to the global community. These and other issues are discussed in this special issue on computing. See the Editorial on page 851 and the News Reports, Perspectives, and Articles beginning on page 879. [Image: I Kalick and B. Schatz at NCSA, using public domain sources on the Internet]

RESEARCH ARTICLE

Kinetic Intermediates in RNA Folding
P. P. Zarrinkar and J. R. Williamson

Chemically Anomalous, Preaccretionally Irradiated Grains in Interplanetary Dust from Comets
J. P. Bradley

Impact Crater Densities on Volcanoes and Coronae on Venus: Implications for Volcanic Resurfacing
N. Namiki and S. C. Solomon

Discovery of Microwave Emission from Four Nearby Solar-Type G Stars
M. Güdel, J. H. M. M. Schmitt, A. O. Benz

On the Probability of Finding a Water Molecule in a Nonpolar Cavity
R. Wolfsden and A. Radzicka

Surface Dating of Dynamic Landforms: Young Boulders on Aging Moraines
B. Hallet and J. Putkonen

Controlling Molecular Order in "Hairy-Rod" Langmuir-Blodgett Films: A Polarization-Modulation Microscopy Study
V. K. Gupta, J. A. Kornfield, A. Ferencz, G. Wegner

Highly Efficient Light-Emitting Diodes with Microcavities

T Cell Receptor–MHC Class I Peptide Interactions: Affinity, Kinetics, and Specificity

Activation of a Cerebellar Output Nucleus During Cognitive Processing
S.-G. Kim, K. Ugurbil, P. L. Strick

Bidirectional Replication from an Internal Origin in a Linear Streptomyces Plasmid
P.-C. Chang and S. N. Cohen

Ribosomal Heterogeneity from Chromatin Diminution in Ascaris lumbricoides
A. Eter, V. Bernard, M. Kenzelmann, H. Tobler, F. Müller

Inhibition of NF-κB by Sodium Salicylate and Aspirin
E. Kopp and S. Ghosh

High-Specificity DNA Cleavage Agent: Design and Application to Kilobase and Megabase DNA Substrates
P. S. Pendergast, Y. W. Ebright, R. H. Ebright

Oscillations of Membrane Current and Excitability Driven by Metabolic Oscillations in Heart Cells
B. O’Rourke, B. M. Ramza, E. Marban

Transformation of Mammalian Cells by Constitutively Active MAP Kinase Kinase

Calcineurin Inhibition of Dynamin I GTPase Activity Coupled to Nerve Terminal Depolarization
J.-P. Liu, A. T. R. Sim, P. J. Robinson

AAAS Board of Directors

Indicates accompanying feature

SCIENCE • VOL. 265 • 12 AUGUST 1994

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 203, Marion, OH 43305-2033. Single copy sales: $6.00 per issue prepaid includes surface postage, Guide to Biotechnology Products and Instruments, $20. 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, MA 01970. The identification code for Science is 0036-8075/83 $1 + .10. Science is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.
Science 265 (5174), 849-981.