POLICY FORUM

The Safety of Foods Developed by Biotechnology

NEWS & COMMENT

Lightning Strikes the SSC
1752
Controversial Contraceptive Wins Approval from FDA Panel
1754
JET Strike Hits Brussels
1755
New Plant Institute Recommended
1755
Space Cooperation: U.S. and Russia Proceed Cautiously
1756
Budget Ax Lops Off Entire Departments at San Diego
1757

RESEARCH NEWS

Motor Molecules on the Move
1758
Astronomers Bag Another Black Hole
1760
A New Discipline Probes Suicide's Multiple Causes
1761
Galileo Gets a Boost; UARS Goes Bust
1762
Chaos Breaks Out at NIH, But Order May Come of It
1763
A New Blueprint for Water's Architecture
1764

PERSPECTIVE

Another Piece of the HIV Puzzle
1766
Falls into Place
A. Wlodawer

ARTICLE

Paleoclimatic Signature in Terrestrial Flood Deposits
C. E. Koltermann and S. M. Gorelick

DEPARTMENTS

THIS WEEK IN SCIENCE
1739
EDITORIAL
1741
Fetal Tissue Research
LETTERS
1743
DNA Fingerprint Matches: P. J. Sullivan; N. Risch and B. Devlin; B. Budowle
SCIENCESCOPE
1751
Scoping out NSF's international partners, etc.
RANDOM SAMPLES
1765
Less Laissez-Faire in French Gene-Splicing? • The Worm Turned Out • Scientific Minority- and

AAAS Board of Directors
Leon M. Lederman
Retiring President, Chairman
F. Sherwood Rowland
President-Elect
Mary Ellen Avery
Francisco J. Ayala
Robert A. Prosch
Florence P. Haseltine
Jeanne M. Shreeve
Chang-Lin Tien
Warren M. Washington
William T. Golden
Richard S. Nicholson
Executive Officer
John Abelson
Frederick W. Alt
Don L. Anderson
Stephen J. Benkovic
David E. Bloom
Floyd E. Bloom
Henry R. Bourne
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
Bruce F. Eldridge
Paul T. Englund
Richard G. Faribanks
Douglas T. Fearon
Harry A. Fozzard
Victor R. Fuchs
Theodore H. Geballe
Margaret J. Geller
John C. Gerhart
Roger I. Glass
Stephen P. Goff
Corey S. Goodman
Stephen J. Gould
Irwin Hershkowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael Latibarbara
Charles S. Levinson III
Harvey F. Lodish
Richard Losick
Anthony R. Means
Morlimer Mishkin
Roger A. Nicoll
William H. Orme-Johnson III
Stuart L. Pett
Yeshayau Pocker
Dennis A. Powers
Ralph S. Quatrano
V. Ramanathan
Erikki Ruoslahti
Ronald H. Schwartz
Terrence J. Sejnowski
Thomas A. Steitz
Richard F. Thompson
Robert T. N. Tjian
Emi R. Unanue
Geert J. Vermeij
Bert Vogtisten
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witte
Keith Yamamoto

Board of Reviewing Editors

American Association for the Advancement of Science

1736
1812
Leishmania adhesion in the sandfly gut

1752
SSC's future in doubt

1743

1834
AAAS Annual Election: Preliminary Announcement

1836
Ultra-Cold Neutrons, reviewed by G. L. Greene • Autonomic Neuroeffector Mechanisms, P. Smith • The Changing Visual System, R. Shapley • Population Dynamics and the Tribolium Model, M. Leibold • Vignettes: Nature Stories • Books Received
\textbf{Research Article}

\textit{Agrobacterium tumefaciens} VirE2 protein (fused to the \( \beta \)-glucuronidase reporter protein, which generates the blue stain) accumulates in the nucleus of a tobacco cell. VirE2, a single-stranded DNA binding protein that associates with \textit{Agrobacterium} T-strand DNA, is proposed to target this DNA directly into the plant nucleus during infection. See page 1802. Insight into how \textit{Agrobacterium} infects plants may lead to better control over transformation and bioengineering of plants. [Photomicrograph: J. Zupan]

\textbf{Crystal Structure at 3.5 Å Resolution} 1783

\textit{of HIV-1 Reverse Transcriptase Complexed with an Inhibitor}
L. A. Kohlstaedt, J. Wang, J. M. Friedman, P. A. Rice, T. A. Steitz

\textbf{Reports}

\textbf{Luminescent Color Image Generation} 1791
on Porous Silicon
V. V. Doan and M. J. Sailor

\textbf{Energetics of Large Fullerenes: Balls,} 1792
Tubes, and Capsules
G. B. Adams, O. F. Sankey, J. B. Page, M. O'Keeffe, D. A. Drabold

\textbf{The Role of Solvent Viscosity in the} 1796
Dynamics of Protein Conformational Changes
A. Ansari, C. M. Jones, E. R. Henry, J. Hofrichter, W. A. Eaton

\textbf{Probing Protein Stability with Unnatural} 1798
Amino Acids

\textbf{Nuclear Localization of \textit{Agrobacterium}} 1802
VirE2 Protein in Plant Cells
V. Citovský, J. Zupan, D. Warnick, P. Zambryski

\textbf{Overlapping But Nonidentical Binding} 1805
Sites on CD2 for CD58 and a Second
Ligand CD59
W. C. Hahn, E. Menu, A. L. M. Bothwell, P. J. Sims, B. E. Bierer

\textbf{Cytoplasmic Domain Heterogeneity and} 1808
Functions of IgC Fc Receptors in B Lymphocytes

\textbf{Stage-Specific Adhesion of Leishmania} 1812
Promastigotes to the Sandfly Midgut

\textbf{Reversal of the Orientation of an Integral} 1815
Protein of the Mitochondrial Outer Membrane
J.-M. Li and G. C. Shore

\textbf{Peptides Presented to the Immunocompetent} 1817
Complex Molecule I-A\textsuperscript{b}

\textbf{Neurotransmitter Release from} 1820
Synaptotagmin-Deficient Clonal Variants of
PC12 Cells

\textbf{Involvement of the N-methyl d-aspartate} 1823
(NMDA) Receptor in the Synapse Elimination
During Cerebellar Development
S. Rabacchi, Y. Bailly, N. Delhaye-Bouchaud, J. Mariani

\textbf{Technical Comments}

\textbf{Expression of Intra-MHC Transporter} 1826
(HAM) Genes and Class I Antigens in Diabetes-
Susceptible NOD Mice

\textbf{Images in silicon} 1791

\textbf{Indicates accompanying feature}

\textcopyright{} 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 © 1992 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): $277 ($47 allocated to subscription). Domestic institutional subscription (51 issues): $195. Foreign postage extra: Mexico, Caribbean (surface mail) $50; other countries (air assist delivery) $95. First class, airmail, student and emeritus rates on request. Canadian rates with GST available upon request, GST #12548-8122. 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 2003, Marion, OH 43305-2003. 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 $.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. 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, 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.