POLICY FORUM

The Safety of Foods Developed by Biotechnology

NEWS & COMMENT

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

RESEARCH NEWS

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

PERSPECTIVE

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

ARTICLE

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

DEPARTMENTS

THIS WEEK IN SCIENCE
EDITORIAL
Fetal Tissue Research
LETTERS
DNA Fingerprint Matches: P. J. Sullivan; N. Risch and B. Devlin; B. Budowle
SCIENCESCOPE
Scoping out NSF’s international partners, etc.
RANDOM SAMPLES
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
Eloise E. Clark President-elect
Mary Ellen Avery Treasurer
Francisco J. Ayala Robert A. Prossch

Board of Reviewing Editors
Stephen P. Gold
Corey S. Goodman
Stephen J. Gould
Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael Labarbera
Charles S. Leavings III
Harvey F. Lodish
Richard Losick
Anthony R. Means
Morlimer Mishkin
Roger A. Nicoll
William H. Orme-Johnson III
Stuart L. Pinn
Yeshayau Pocker
Dennis A. Powers
Ralph S. Quatraro
V. Ramanathan
Erki Ruoslahti
Ronald H. Schwartz
Terrence J. Sejnowski
Thomas A. Steitz
Richard F. Thompson
Robert T. N. Tjian
Emil R. Unanue
Geerat J. Vermeij
Bert Vogtstein
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witte
Keith Yamamoto

1736 SCIENCE • VOL. 256 • 26 JUNE 1992
Agrobacterium tumefaciens VirE2 protein (fused to the β-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 Agrobacterium T-strand DNA, is proposed to target this DNA directly into the plant nucleus during infection. See page 1802. Insight into how Agrobacterium infects plants may lead to better control over transformation and bioengineering of plants. [Photomicrograph: J. Zupan]

RESEARCH ARTICLE

Crystal Structure at 3.5 Å Resolution of HIV-1 Reverse Transcriptase Complexed with an Inhibitor
L. A. Kohlstaedt, J. Wang, J. M. Friedman, P. A. Rice, T. A. Steitz

RESEARCH REPORTS

Luminescent Color Image Generation on Porous Silicon
V. V. Doan and M. J. Sailor

Energetics of Large Fullerenes: Balls, Tubes, and Capsules
G. B. Adams, O. F. Sankey, J. B. Page, M. O'Keefe, D. A. Drabold

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

Probing Protein Stability with Unnatural Amino Acids

Nuclear Localization of Agrobacterium VirE2 Protein in Plant Cells
V. Citovsky, J. Zupan, D. Warnick, P. Zambryski

Overlapping But Nonidentical Binding 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

Cytoplasmic Domain Heterogeneity and Functions of IgC Fc Receptors in B Lymphocytes

Stage-Specific Adhesion of Leishmania Promastigotes to the Sandfly Midgut

Reversal of the Orientation of an Integral Protein of the Mitochondrial Outer Membrane
J.-M. Li and G. C. Shore

Peptides Presented to the Immune System by the Murine Class II Major Histocompatibility Complex Molecule I-A^d

Neurotransmitter Release from Synaptotagmin-Deficient Clonal Variants of PC12 Cells

Involvement of the N-methyl D-aspartate (NMDA) Receptor in the Synapse Elimination During Cerebellar Development
S. Rabacchi, Y. Bailly, N. Delhaye-Bouchaud, J. Mariani

TECHNICAL COMMENTS

Expression of Intra-MHC Transporter Genes and Class I Antigens in Diabetes-Susceptible NOD Mice

1791 Images in silicon