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

1812
Leishmania adhesion in the sandfly gut

1752
SSC’s future in doubt

1751
Scoping out NSF’s international partners, etc.

DEPARTMENTS

THIS WEEK IN SCIENCE
1739

EDITORIAL
1741

LETTERS
1743

DNA Fingerprint Matches: P. J. Sullivan; N. Risch and B. Devlin; B. Budowle

SCIENCESCOPE
1751

RANDOM SAMPLES
1765

Less Laissez-Faire in French Gene-Splicing? • The Worm Turned Out • Scientific Minority-

and

PRODUCTS & MATERIALS
1840

AAAS Board of Directors

Leon M. Lederman
Retiring President,
Chairman
F. Sherwood Rowland
President
Eileen E. Clark
President-elect
Mary Ellen Avery
Francesco 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. Boune
James J. Bull
Kathryn Calame
C. Thomas Caskey
Dennis W. Choi
John M. Coffin
Bruce F. Eldridge
Paul T. Englund
Richard G. Farbanks
Douglas T. Fearon
Harry A. Fozzard
Victor R. Fuchs
Theodore H. Gebelein
Margaret J. Geller
John G. Gerhart
Roger L. Glass
Stephan P. Goff
Corey S. Goodman
Stephen J. Gould
Ira Herskowitz
Eric F. Johnson
Stephen M. Kosslyn
Michael Labarbera
Charles S. Leavings
Harvey F. Lodish
Richard Losick
Anthony R. Means
Moritmer Mishkin
Robert A. Nicoll
William H. Orme-Johnson
Stuart L. Penner
Yeshayauck Pocker
Dennis A. Powers
Ralph N. Quatrano
V. Ramanaathan
Erkki Ruoslahti
Ronald H. Schwartz
Terrence J. Sejnowski

Thomas A. Steitz
Richard F. Thompson
Robert T. N. Tjian
Emil R. Unanue
Geert J. Vermeij
Bert Vogelstein
Harold Weintraub
Zena Werb
George M. Whitesides
Owen N. Witte
Keith Yamamoto
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]