



1364

Harold Varmus talks about his new job

NEWS & COMMENT

Varmus: The View From Bethesda **1364**

Invader Threatens Black, Azov Seas **1366**

Alchemy Altercation at Texas A&M **1367**

Rubbia Floats a Plan for Accelerator Power Plants **1368**

RESEARCH NEWS

The Greatest Extinction Gets Greater **1370**

Is Earth's Future Climate Written in the Stars? **1372**
 A Stellar Blast From the Past

Dioxin Tied to Endometriosis **1373**

Proteins and Organic Solvents Make an Eye-Opening Mix **1374**

Claim of Higher Risk for Women Smokers Attacked **1375**

TECHNIQUES IN OPTICS

NEWS

How to Get Intimate With Atoms **1376**
 Playing Ball With Laser-Cooled Atoms

Femtosecond Pulses Help Physicists Go to Extremes **1379**
 A Bigger Bang From a Benchtop Laser

PERSPECTIVES

Ultrafast Optical Waveforms **1381**
 M. M. Wefers and K. A. Nelson

Near-Field Optics: Imaging Single Molecules **1382**
 R. Kopelman and W. Tan

Neutron Interferometry **1384**
 H. Rauch

ARTICLES

Ultrafast Optical Kerr Effect in Liquids and Solids **1386**
 R. Righini

Active Optics, Adaptive Optics, and Laser Guide Stars **1390**
 N. Hubin and L. Noethe

Photon Tunneling Microscopy of Polymeric Surfaces **1395**
 J. M. Guerra, M. Srinivasarao, R. S. Stein

DEPARTMENTS

THIS WEEK IN SCIENCE **1351**

EDITORIAL **1353**
 Making Light Work

LETTERS **1355**
 Helping Physicists Market Themselves: N. R. Werthamer • Programmed Cell Death and AIDS: S. J. Martin; M. L. Gougeon and L. Montagnier • NSF: A New Name?: E. L. Daman • Basic Research and the Cost of Health Care: J. F. Beary III, C. R. Eaton, D. E. Wierenga

GORDON RESEARCH CONFERENCES **1360**

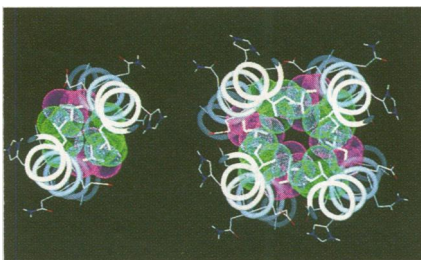
SCIENTESCOPE **1363**

RANDOM SAMPLES **1369**

INSIDE AAAS **1456**

BOOK REVIEWS **1459**
B. F. Skinner, reviewed by J. W. Reed • *Inorganic Materials*, J. S. Miller • *V-ATPases*, E. Carafoli • *Molecular and Cell Biology of the Plant Cell Cycle*, T. Jacobs • Vignette • Books Received

PRODUCTS & MATERIALS **1464**



1401

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Resistance genes are widely used to control plant diseases caused by bacteria, fungi, viruses, and nematodes. A single gene, *Pto*, encoding a protein kinase, confers resistance in tomato to the bacterial pathogen *Pseudomonas syringae* pv. *tomato*, as shown by the

healthy leaves from genetically modified plants (diseased leaves are from susceptible, wild-type plants). The presence of *Pto* homologs in many crop species may expedite the isolation of other plant resistance genes. See page 1432. [Photo: Gregory B. Martin]



RESEARCH ARTICLES

A Switch Between Two-, Three-, and Four-Stranded Coiled Coils in GCN4 Leucine Zipper Mutants 1401

P. B. Harbury, T. Zhang, P. S. Kim, T. Alber

A Third Recognition Element in Bacterial Promoters: DNA Binding by the α Subunit of RNA Polymerase 1407

W. Ross, K. K. Gosink, J. Salomon, K. Igarashi, C. Zou, A. Ishihama, K. Severinov, R. L. Gourse

REPORTS

Upper Limit of 3.3 Astronomical Units to the Diameter of the Galactic Center Radio Source Sgr A* 1414

D. C. Backer, J. A. Zensus, K. I. Kellermann, M. Reid, J. M. Moran, K. Y. Lo

Photoactivated Conformational Changes in Rhodopsin: A Time-Resolved Spin Label Study 1416

Z. T. Farahbakhsh, K. Hideg, W. L. Hubbell

Nonlinear Optical Properties of Proteins Measured by Hyper-Rayleigh Scattering in Solution 1419

K. Clays, E. Hendrickx, M. Triest, T. Verbiest, A. Persoons, C. Dehu, J.-L. Brédas

Single Molecules Observed by Near-Field Scanning Optical Microscopy 1422

E. Betzig and R. J. Chichester

Photon Emission at Molecular Resolution Induced by a Scanning Tunneling Microscope 1425

R. Berndt, R. Gaisch, J. K. Gimzewski, B. Reihl, R. R. Schlittler, W. D. Schneider, M. Tschudy

X-ray Linear Dichroism Microscopy 1427

H. Ade and B. Hsiang

Refuge Theory and Biological Control 1429

B. A. Hawkins, M. B. Thomas, M. E. Hochberg

Map-Based Cloning of a Protein Kinase Gene Conferring Disease Resistance in Tomato 1432

G. B. Martin, S. H. Brommonschenkel, J. Chunwongse, A. Frary, M. W. Ganai, R. Spivey, T. Wu, E. D. Earle, S. D. Tanksley

Analysis of CD36 Binding Domains: Ligand Specificity Controlled by Dephosphorylation of an Ectodomain 1436

A. S. Asch, I. Liu, F. M. Briccetti, J. W. Barnwell, F. Kwakye-Berko, A. Dokun, J. Goldberger, M. Pernambuco

Rad: A Member of the Ras Family Overexpressed in Muscle of Type II Diabetic Humans 1441

C. Reynet and C. R. Kahn

Phosphatidylinositol 4-Kinase: Gene Structure and Requirement for Yeast Cell Viability 1444

C. A. Flanagan, E. A. Schnieders, A. W. Emerick, R. Kunisawa, A. Admon, J. Thorner

The Influence of Antigen Organization on B Cell Responsiveness 1448

M. F. Bachmann, U. H. Rohrer, T. M. Kündig, K. Bürki, H. Hengartner, R. M. Zinkernagel

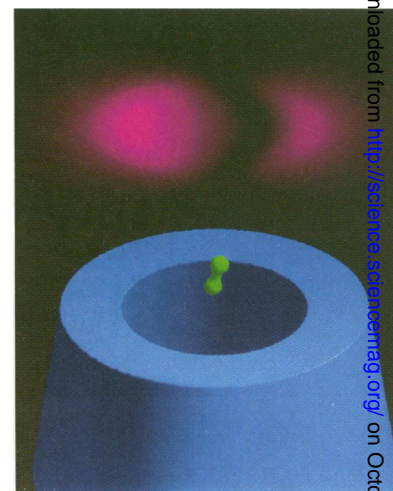
Mechanism-Based Inactivation of Prostatic Acid Phosphatase 1451

J. K. Myers and T. S. Widlanski

TECHNICAL COMMENTS

Actions of Antiulcer Drugs 1453

D. R. Scott, S. J. Hersey, C. Prinz, G. Sachs; P. Panula and K. Wasowicz; É. Mezey and M. Palkovits



1382 & 1422

Scanning for singles

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