NEWS & COMMENT

A New Phase in the War on Cancer 1412
Reports From the Front 1414

Nobelists Make a Plea for NIH Budget 1415

Russian Chaos Breeds Diphtheria Outbreak 1416

Biotechnology: European Parliament Axes Patent Policy 1417

Canadian R&D: Science Budget Takes 15% Whack 1418

India Cracks Whip to End Addiction to State Funds 1419

Galvin, DOE Spar Over Reform Plan 1420

RESEARCH NEWS

Did Darwin Get It All Right? 1421

With Quark Discovery, Truth Comes Out on Top—Twice 1423

How Quixotic Is SLAC’s Quest to Detect “Crazy Particle”? 1424

Plucking Images From the Digital Floods 1425

DEPARTMENTS

THIS WEEK IN SCIENCE 1401
EDITORIAL 1403
LETTERS 1405

AIDS Research Policy: W. E. Paul; S. Cox; B. Goldberg and R. B. Stricker • Biosphere 2: J. Allen • Oncogenes and Cancer: P. H. Duesberg; D. Stelhelin • China’s Internet Links: X. Hao • Zinc Selenide Lasers: B. J. Fitzpatrick

NASA Picks a Budget Lunar Trip 1425

PROFILE

Floyd Bloom: The Next Editor-in-Chief of Science 1441
R. A. Lerner and R. Guillemin

PERSPECTIVE

Targeting Retroviral Integration 1443
F. Bushman

ARTICLES

APOTOPSIS

Mechanisms and Genes of Cellular Suicide 1445
H. Steller

The Fas Death Factor 1449
S. Nagata and P. Golstein

Apoptosis in the Pathogenesis and Treatment of Disease 1456
C. B. Thompson

RESEARCH ARTICLE

Structure of a Hyperthermophilic Tungstopterin Enzyme, Aldehyde Ferredoxin Oxidoreductase 1463
Apoptosis (programmed cell death) in the nervous system of the Drosophila sine oculis mutant. A retina and brain exhibiting excessive cell death during development of the visual system were stained with acridine orange to identify cells undergoing apoptosis (orange dots). The mechanism of programmed cell death (see page 1445), along with the Fas system of triggering apoptosis (page 1449) and cell death in disease and therapy (page 1456), are examined in a trio of Articles focusing on apoptosis. [Photo: Hermann Steller, Howard Hughes Medical Institute, Massachusetts Institute of Technology]

REPORTS

The Elemental Composition of the Corona of Procyon: Evidence for the Absence of the FIP Effect

Conducting Layered Organic-Inorganic Halides Containing (110)-Oriented Perovskite Sheets

A “Double-Diamond Superlattice” Built Up of Cd_{12}S_{8}(SCH_{2}CH_{2}OH)_{2} Clusters

Micrometer- and Nanometer-Sized Polymeric Light-Emitting Diodes
M. Granström, M. Berggren, O. Inganäs

Influence of Lunar Phase on Daily Global Temperatures
R. C. Balling Jr. and R. S. Cerveny

Conformation of Macromolecules in the Gas Phase: Use of Matrix-Assisted Laser Desorption Methods in Ion Chromatography
G. von Helden, T. Wyttenbach, M. T. Bowers

Control of IκB-α Proteolysis by Site-Specific, Signal-Induced Phosphorylation
K. Brown, S. Gersberger, L. Carlson, G. Franzoso, U. Siebenlist

Requirement of RNA Polymerase III Transcription Factors for in Vitro Position-Specific Integration of a Retroviruslike Element
J. Kirchner, C. M. Connolly, S. B. Sandmeyer

Glutamate Receptor RNA Editing in Vitro by Enzymatic Conversion of Adenosine to Inosine
S. M. Rueter, C. M. Burns, S. A. Coode, P. Mookherjee, R. B. Emeson

Involvement of CRAC1, a Relative of TRAF, in CD40 Signaling

Crystal Structure of the Tetramerization Domain of the p53 Tumor Suppressor at 1.7 Ångstoms
P. D. Jeffrey, S. Gorina, N. P. Pavletich

Pineal Opsin: A Nonvisual Opsin Expressed in Chick Pineal

Massive Cell Death of Immature Hematopoietic Cells and Neurons in Bcl-x-Deficient Mice

Synaptic Desensitization of NMDA Receptors by Calcineurin
G. Tong, D. Shepherd, C. E. Jahr

Storage of 7 ± 2 Short-Term Memories in Oscillatory Subcycles
J. E. Lisman and M. A. P. Idiart

TECHNICAL COMMENTS

Interhelical Angles in the Solution Structure of the Oligomerization Domain of p53: Correction
Editor's Summary

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