NEWS & COMMENT

Battle Lines Drawn for 1997 R&D Budget 1658
NSF Worries About Its Federal Partners 1659
Fusion Plan Gathers Steam 1660
Crunch Ahead for Space Science 1660
European Space Science: Budget Freeze 1661
Nips Comet Camera 1662
New NIMH Director Offers Institutional Stimulant 1663
Russian Parliament: Communists Dominate Science Panels 1664
Yucca Blowup Theory Bombs, Says Study 1664
Animal Research: Care Guide Gives Labs More Freedom 1664

RESEARCH NEWS

Teetering on the Brink of Danger 1665
Shock Forges Piece of Jovian Interior 1667
Fermat Prover Points to Next Challenges 1668
A Proof to Please Pythagoras 1669

NEWSBOX

Don't bank on it 1658

ORGANIZED MEANDERS

1710

DEPARTMENTS

THIS WEEK IN SCIENCE 1645
EDITORIAL 1649
LETTERS 1651

ARTICLE

Noble Gas Atoms Inside Fullerences 1690
M. Saunders, R. J. Cross, H. A. Jiménez Vázquez, R. Shimshi, A. Khong

STAFF

AVANCEMENT AMERICAN

SCIENCE

WITH THE ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

ISSN 0036-8075
22 MARCH 1996
VOLUME 271
NUMBER 5256

NEWS & COMMENT

Battle Lines Drawn for 1997 R&D Budget 1658
NSF Worries About Its Federal Partners 1659
Fusion Plan Gathers Steam 1660
Crunch Ahead for Space Science 1660
European Space Science: Budget Freeze 1661
Nips Comet Camera 1662
New NIMH Director Offers Institutional Stimulant 1663
Russian Parliament: Communists Dominate Science Panels 1664
Yucca Blowup Theory Bombs, Says Study 1664
Animal Research: Care Guide Gives Labs More Freedom 1664

RESEARCH NEWS

Teetering on the Brink of Danger 1665
Shock Forges Piece of Jovian Interior 1667
Fermat Prover Points to Next Challenges 1668
A Proof to Please Pythagoras 1669

NEWSBOX

Don't bank on it 1658

ORGANIZED MEANDERS

1710

DEPARTMENTS

THIS WEEK IN SCIENCE 1645
EDITORIAL 1649
LETTERS 1651

ARTICLE

Noble Gas Atoms Inside Fullerences 1690
M. Saunders, R. J. Cross, H. A. Jiménez Vázquez, R. Shimshi, A. Khong
Dendritic cells and T cells interact to initiate an immune response. The scanning electron microscope image shows a male dendritic cell embracing a helper T cell (lower cell, ~7 μm in diameter) that recognizes the male antigen H-Y. These same dendritic cells were used to show that a newborn mouse has a competent immune system. See page 1723 and related Reports (pages 1726 and 1728) and News story (page 1665). (Cells cultured by J. P. Ridge. Image: D. Scharf, using the S.E.M. Wideband Multi-Detector Color Synthesizer)

RESEARCH ARTICLE

On the Shape of C\textsubscript{6}H\textsubscript{12}\textsuperscript{+} 1698
R. Lindner, K. Müller-Dethlefs, E. Wedem, K. Haber, E. R. Grant

REPORTS

Nonlinear Spectroscopy on a Single Quantum System: Two-Photon Absorption of a Single Molecule 1703
T. Plakhotnik, D. Walser, M. Pirotta, A. Renn, U. P. Wild

Are Single Molecular Wires Conducting? 1705

Gravitational Enrichment of \( {\text{\textsuperscript{84}}\text{Kr}}/\text{\textsuperscript{36}}\text{Ar} \) 1708
Ratios in Polar Ice Caps: A Measure of Firn Thickness and Accumulation Temperature
H. Craig and R. C. Wiens

River Meandering as a Self-Organization Process 1710
H.-H. Stølør

High-Temperature Study of Octahedral Cation Exchange in Olivine by Neutron Powder Diffraction 1713
C. M. B. Henderson, K. S. Knight, S. A. T. Redfern, B. J. Wood

Requirement of U12 snRNA for inVivo Splicing of a Minor Class of Eukaryotic Nuclear Pre-mRNA Introns 1716
S. L. Hall and R. A. Padgett

Requirement for cAMP-PKA Pathway Activation by M Phase–Promoting Factor in the Transition from Mitosis to Interphase 1718
D. Grieco, A. Porcellini, E. V. Avvedimento, M. E. Gottesman

Neonatal Tolerance Revisited: Turning on Newborn T Cells with Dendritic Cells 1723
J. P. Ridge, E. J. Fuchs, P. Matzinger

Induction of Protective CTL Responses in Newborn Mice by a Murine Retrovirus 1726
M. Sarzotti, D. S. Robbins, P. M. Hoffman

Induction of \( T_{H1} \) and \( T_{H2} \) Immunity in Neonatal Mice 1728
T. Forsthuber, H. C. Yip, P. V. Lehmann

Mutations in the Gene Encoding Cystatin B in Progressive Myoclonus Epilepsy (EPM1) 1731

Enhancement of Antitumor Immunity by CTLA-4 Blockade 1734
D. R. Leach, M. F. Krummel, J. P. Allison

Light-Induced Degradation of TIMELESS and Entrainment of the \textit{Drosophila} Circadian Clock 1736
M. P. Myers, K. Wager-Smith, A. Rothenfluh-Hiliker, M. W. Young

Resetting the \textit{Drosophila} Clock by Photic Regulation of PER and a PER-TIM Complex 1740
C. Lee, V. Farid, T. Itsukouchi, K. Bae, I. Eddy

Abnormal Centrosome Amplification in the Absence of p53 1744
K. Fukasawa, T. Choi, R. Kuriyama, S. Rulong, G. F. Vande Woude

AAAS Board of Directors

Rita R. Colwell, Publishing President, Chairman
Jane Lubchenco, President
Wilfred S. Dresselhaus, President-elect
Sheila Jasanoff, William A. Lester Jr., Simon A. Levin

\( \text{SCIENCE} \) (ISSN 0036-8075) is published weekly by Friday, except the last week in December, by the American Association for the Advantage of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 1996 by the American Association for the Advantage of Science. The title \text{SCIENCE} is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $102 ($55 allocated to subscription). Domestic institutional subscription (51 issues): $250. Foreign subscription: $350, including surface postage; 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 $4.00 per article is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923. The identification code for \text{Science} is 0036-8075/96 $4.00. \text{Science} is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.

Change of address: allow 4 weeks, giving old and new addresses and 8-digit account number. \text{Postmaster:} Send change of address to \text{Science}, P.O. Box 1911, Danbury, CT 06813-1811. Single copy sales: $7.00 per issue prepaid includes surface postage; 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 $4.00 per article is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923. The identification code for \text{Science} is 0036-8075/96 $4.00. \text{Science} is indexed in the Reader’s Guide to Periodical Literature and in several specialized indexes.

\( \text{AAAS} \) Indicates accompanying feature

1643

THE AAAS AND \text{SCIENCE} WILL BE MOVING THEIR HEADQUARTERS ON 15 APRIL 1996 TO 1200 NEW YORK AVE., NW WASHINGTON, DC 20005

1671, 1736, & 1740
Setting the circadian clock